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A. B. CONNER, DIRECTOR
COLLEGE STATION, BRAZOS COUNTY, TEXAS

BULLETIN NO. 566

SEPTEMBER, 1938

DIVISION OF FEED CONTROL SERVICE

COMMERCIAL FEEDING STUFFS

FROM SEPTEMBER 1, 1937, TO AUGUST 31, 1938



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This Bulletin is the thirty-third annual report on the inspection of feeding stuffs sold in the State of Texas under the provisions of the Texas Feed Law. During the year ended August 31, 1938, 3,563 samples were submitted to chemical analysis and microscopical examination by the Division of Chemistry, 3,525 of which were secured by Inspectors. In addition, twenty-four samples of vitamin D carriers were assayed for antirachitic potency, twenty-three samples of cottonseed cake were tested for hardness, and seven samples of cottonseed hulls were analyzed. Three hundred and three determinations of salt and one hundred and nine determinations of carbonate of lime in mixed feeds were also made.

In this Bulletin is found the analysis of each sample and a detailed report of the results obtained in the inspection of feeding stuffs from September 1, 1937, to August 31, 1938.

The average composition, digestible protein, and productive energy of many feeding stuffs analyzed are shown in a table. A table is given showing the average protein content of the cottonseed products made by each oil mill, so that the reader can see which mills maintained the guaranties on the average. Computed from the sale of tax tags, there were 1,542,833 tons of feed sold in the State during the fiscal year covered by this report. This amount represents only the tonnage of feeding stuffs regulated by the Texas Feed Law and does not include whole grains.

Chemical standards for various by-product feeds and special-purpose mixed feeds are shown, and definitions of and standards for commercial unmixed feeds are given, together with additional information on the requirements of the Texas Feed Law and the composition of feeding stuffs.

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**COMMERCIAL FEEDING STUFFS, SEPTEMBER 1, 1937,
TO AUGUST 31, 1938***

F. D. Fuller, Chief, and James Sullivan, Assistant Chief,
Division of Feed Control Service†

This Bulletin is a report on the work performed by the Texas Agricultural Experiment Station in the inspection of feeding stuffs sold in Texas during the year ended August 31, 1938. It includes additional information on the requirements of the Texas Feed Law and the composition of feeding stuffs.

DEFINITIONS OF TERMS

Protein includes all the nitrogenous compounds of a feed, regardless of their nature and is equal to the nitrogen present multiplied by 6.25. The animal uses protein to restore the waste of tissues and muscles, and to form flesh. Protein may also be oxidized in the body to produce heat, or it may serve as a source of fat in case of a deficiency in carbohydrates and fat, accompanied by an excess of protein. It is, however, a costly source of heat and fat.

Protein enters very largely into the composition of the whites of eggs, lean meat, curd of milk, gelatin, etc. It is used for the building and repair of body tissue, for new growth, in the production of milk or eggs and, therefore, is a necessary ingredient for the feeder to purchase. It is an important nutrient in feeding stuffs and usually is the most expensive to purchase. With a given feeding stuff, the more protein it contains the better its quality, compared with other feeding stuffs of the same class. It is incorrect, however, to compare the value of feeding stuffs of different kinds on a protein basis alone. For example, a cottonseed meal containing 45 per cent of crude protein does not have five times the value of corn chop containing 9 per cent of crude protein. There are other constituents of both feeds, such as fats, starches, and sugars, which are of great value to animals. Corn chop contains more carbohydrates than does cottseed meal.

Fat is composed of substances which are extracted from the dry feeding stuffs by ether, and consists chiefly of fats and oils in the case of most feeding stuffs, but in the case of fodders and hays it is composed to a great extent of waxes, chlorophyll, and other substances in addition to fat. A pound of digestible fat is equal to 2.25 pounds of digestible carbohydrates in producing heat and energy. Fat is used in the animal body as a source of body fat, to furnish heat to keep the body warm, to furnish energy to run the animal mechanism and to produce work. All involuntary muscular movements require energy, which is furnished by the oxidation of fats, carbohydrates, or protein.

*Manuscript submitted for publication on September 22, 1938.

†With the collaboration of the other members of the Division staff. The chemical analyses and microscopical examinations of feeding stuffs are made by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

Fiber is found in hays, straw, and similar material. It occurs in the cell walls and in the fibrous or woody parts of plants. It is the least digestible portion of a feed. By means of fermentation in the intestines fiber is digested to some extent by animals that chew the cud. The operation, however, consumes so much energy that a large proportion of the value of the fiber is taken up by the process of digestion. Ordinarily a feeding stuff having a high content of crude fiber is classed as a low-grade feed for the reason that such a feed usually is low in digestible protein and productive energy. Cottonseed hulls, oat hulls, peanut hulls, rice hulls, corn cobs, and materials of a similar nature contain high percentages of crude fiber. If sufficient bulky materials are available, such as hays, fodders, or grass, it is unwise for the feeder to expend money for the purchase of commercial feeding stuff containing large amounts of crude fiber, a constituent that is digested with difficulty.

If the crude fiber in cottonseed meal exceeds certain limits, it indicates that the feed is adulterated with cottonseed hulls. In a similar way, crude fiber in excess of a given standard indicates the presence of corn cobs or corn bran in corn chop, rice hulls in rice bran, etc.

Nitrogen-free Extract includes starches, sugars, gums, and other bodies of a similar nature. These, together with the fat, are oxidized to maintain the animal heat and to furnish energy for the production of work. The nitrogen-free extract of most feeding stuffs of a concentrated nature is composed largely of sugars and starches, which are readily digested.

Moisture is present in all feeding stuffs. The material may seem to be dry, but, nevertheless, it contains an appreciable amount of water. An excess of water may cause the feed to heat or spoil, if stored under such conditions that the feed cannot dry out quickly enough.

Ash is the residue from a feeding stuff that has been burned. It represents mostly that portion of the plant which comes from the soil. The ash consists chiefly of lime, magnesia, soda, and potash combined with chlorine and carbonic, sulphuric, or phosphoric acid. Constituents of ash are necessary to the animal inasmuch as they are used for the formation of bone, for constituents of the blood, and for other purposes. If the various necessary constituents of the ash are not present in sufficient quantity, the animal may not grow or produce as well as it should, or it may suffer from various diseases. Sometimes it is necessary to supplement the ash naturally present in feeds with additional amounts. Lime and phosphoric acid are the constituents most often deficient. An excessive amount of ash in a feed may indicate adulteration with dirt, sand, or other mineral matter.

AVERAGE COMPOSITION OF FEEDING STUFFS ANALYZED

Table 1 shows the average composition of many feeding stuffs analyzed during the past year. The analyses of mixed and of proprietary feeds are not included in this table.

Table 1. Average Composition of Feeding Stuffs Analyzed During the Year 1937-1938

No. of Samples	Name of Feed	Crude Protein, Per Cent	Crude Fat, Per Cent	Crude Fiber, Per Cent	Nitrogen-free Extract, Per Cent	Moisture, Per Cent	Crude Ash, Per Cent
9	Alfalfa Leaf Meal.....	20.37	2.33	17.76	38.44	7.99	13.11
17	Alfalfa Meal.....	15.60	1.93	27.82	36.31	8.35	9.99
5	Alfalfa Stem Meal.....	11.20	1.23	36.84	34.04	9.32	7.37
7	Whole Barley (Chopped, Ground, Rolled).....	11.97	2.47	7.27	65.77	9.28	3.24
4	Dried Beet Pulp.....	9.45	0.41	20.51	56.02	10.64	2.97
10	Brewers' Dried Grains.....	25.13	6.64	17.30	39.41	7.61	3.91
4	Condensed Buttermilk.....	10.35	3.81	0.24	10.68	69.86	5.06
10	Dried Buttermilk.....	35.11	6.69	0.27	36.26	8.61	13.06
8	Dried Citrus Peel and Pulp.....	6.12	2.27	11.02	64.10	9.01	7.48
2	Corn Bran.....	8.45	4.30	12.86	63.69	9.09	1.61
2	Corn Chop.....	9.80	3.09	1.71	70.42	13.74	1.24
36	Ear Corn Chop with Husk.....	8.42	3.13	11.02	64.12	11.23	2.08
5	Corn Feed Meal.....	10.79	4.92	2.82	68.30	11.16	2.01
1	Corn Meal.....	9.60	4.04	1.29	73.85	9.96	1.26
8	Corn Gluten Feed.....	27.68	2.28	7.60	46.15	9.11	7.18
1	Corn Gluten Meal.....	43.52	4.28	1.93	40.24	8.49	1.54
2	Corn Oil Meal.....	23.11	6.73	10.69	47.86	8.53	3.08
222	43% Protein Cottonseed Cake.....	43.36	6.47	10.44	26.94	7.16	5.63
8	41.12% Protein Ground Cottonseed Feed.....	40.74	6.95	12.09	26.90	7.23	6.09
677	43% Protein Cottonseed Meal.....	42.88	6.85	10.95	26.68	6.99	5.65
33	28% Protein Whole-Pressed Cottonseed.....	28.34	5.60	22.83	32.22	6.56	4.45
5	25% Protein Whole-Pressed Cottonseed.....	27.74	7.16	23.93	30.44	6.37	4.36
13	28% Protein Ground Whole-Pressed Cottonseed.....	28.63	5.99	22.90	32.32	5.42	4.74
4	68% Protein Fish Meal.....	68.18	5.10	0.34	5.98	7.41	12.99
1	65% Protein Fish Meal.....	65.95	12.57	0.55	2.04	4.91	13.98
2	64% Protein Fish Meal.....	69.17	3.89	0.63	6.13	7.18	13.00
1	Hegari Heads, Stalks and Stems.....	6.37	1.65	16.47	51.86	7.38	16.27
15	Hominy Feed.....	11.19	7.47	5.64	62.58	10.37	2.75
1	Kafir Head Chop.....	11.19	2.69	6.26	63.32	11.26	5.28
1	Ground Dried Kelp.....	7.54	0.28	6.54	40.22	10.94	34.48
1	37% Protein Linseed Cake.....	41.88	4.68	7.46	32.44	7.92	5.62
3	37% Protein Linseed Meal.....	38.88	5.01	7.33	33.06	9.89	5.83
1	34% Protein Linseed Meal.....	40.02	4.31	7.68	33.11	9.10	5.78
1	32% Protein Linseed Meal.....	33.23	4.93	8.08	36.24	11.66	5.86
1	Malt Sprouts.....	30.37	1.46	14.82	37.98	8.96	6.41
74	50% Protein Meat and Bone Scraps.....	50.39	10.80	2.06	1.32	6.62	28.81
2	47% Protein Meat and Bone Scraps.....	45.72	12.88	1.62	0.98	7.75	31.05
2	46% Protein Meat and Bone Scraps.....	49.03	10.80	1.35	0.09	5.75	32.98
1	45% Protein Meat and Bone Scraps.....	47.27	13.68	1.33	1.29	7.61	28.82
5	Dried Skimmed Milk.....	34.88	0.76	0.13	49.69	6.76	7.78
6	Milo Chop.....	12.07	2.86	2.48	68.63	11.83	2.13
2	Milo Head Chop.....	10.71	2.70	6.80	64.38	11.12	4.29
3	Oat Groats (Ground, Rolled).....	18.78	6.11	1.81	61.18	9.81	2.31
2	Feeding Oat Meal.....	17.59	6.33	4.15	59.22	9.72	2.99
49	Whole Oats (Chopped, Crimped, Ground, Rolled).....	12.69	4.72	10.88	57.62	10.05	4.04
3	Ground Peanut Hay.....	9.69	2.53	22.33	43.39	10.06	12.00
2	45% Protein Peanut Meal.....	43.37	6.19	12.66	23.97	9.64	4.17
9	43% Protein Peanut Meal.....	41.99	8.01	11.39	27.73	4.99	5.89
1	36% Protein Ground Peanut Feed.....	37.19	7.86	18.67	24.44	5.77	6.07
1	30% Protein Ground Whole-Pressed Peanut Screenings.....	27.36	13.06	15.08	33.30	5.81	5.39
1	36% Protein Ground Whole-Pressed Peanuts.....	33.15	14.90	10.92	26.37	5.35	9.31
1	Ground Peanut Stems.....	16.50	6.83	14.33	45.14	7.14	10.06
27	Rice Bran.....	13.17	13.88	13.15	38.72	8.49	12.59
9	Rice Polish.....	12.48	13.11	3.13	53.15	10.16	7.97
2	63% Protein Sardine Meal.....	66.67	4.08	0.23	6.70	7.09	15.23
3	44% Protein New Process Soybean Oil Meal.....	45.69	0.58	5.79	31.91	10.04	5.99
9	41% Protein Soybean Oil Meal.....	43.41	5.33	5.72	29.78	9.85	5.91
10	60% Protein Digester Tankage.....	59.87	7.66	1.74	1.86	8.74	20.13
1	50% Protein Digester Tankage with Bone.....	54.36	16.88	1.25	0.66	4.99	21.86
2	40% Protein Feeding Tankage with Bone.....	39.81	10.70	2.94	2.94	4.87	38.74
1	Wheat Bran.....	15.72	4.15	11.10	54.26	7.82	6.95
36	Wheat Bran and Screenings.....	17.13	4.27	9.94	52.08	10.16	6.42

Table 1. Average Composition of Feeding Stuffs Analyzed During the Year 1937-1938
—Continued

No. of Samples	Name of Feed	Crude Protein, Per Cent	Crude Fat, Per Cent	Crude Fiber, Per Cent	Nitrogen-free Extract, Per Cent	Moisture, Per Cent	Crude Ash, Per Cent
7	Wheat Brown Shorts and Screenings	17.83	4.34	6.47	56.03	11.13	4.20
1	Wheat Chop	16.76	1.78	2.62	66.04	10.57	2.23
2	Wheat Germ	31.48	9.07	3.32	41.14	9.69	5.30
1	Wheat Red Dog Flour	16.79	2.22	1.72	66.66	11.07	1.54
80	Wheat Gray Shorts	18.44	4.27	5.82	56.22	10.92	4.33
213	Wheat Gray Shorts and Screenings	18.19	4.29	6.12	55.90	11.05	4.45
3	Wheat Mixed Feed	18.84	3.90	6.46	55.76	10.64	4.40
9	Wheat Mixed Feed and Screenings	18.12	4.06	7.23	55.10	10.45	5.04
3	Dried Whey	12.97	0.84	0.19	70.09	6.85	9.06

DIGESTIBLE PROTEIN AND PRODUCTIVE ENERGY OF FEEDS

The digestible protein represents that portion of the feed which can be used for the repair or formation of flesh or nitrogenous body constituents or for the formation of nitrogenous materials in milk or eggs. The productive energy represents that portion of the feed which is available for the purpose of furnishing heat to the animal or energy for life processes and work; it also furnishes material for the production of the constituents of milk, eggs, or fat. The productive energy represents the net value of the feed for energy after all losses involved in digestion and assimilation have been allowed for. The digestible protein and productive energy, therefore, are the two best indicators of the productive value of a feed.

The digestible protein and productive energy of feeds of the average composition shown in Table 1 are given in Table 2. The method of obtaining these figures is described fully in Bulletins Nos. 329, 372, 402, 436, and 461 of this Station.

Table 2. Digestible Protein and Productive Energy of Feeds Calculated from Average Analyses Shown in Table 1*

Name of Feed	Number Averaged	Digestible Protein, Per Cent	Productive Energy, Therms in 100 lbs.
Alfalfa Leaf Meal	9	15.13	47.10
Alfalfa Meal	17	11.68	42.09
Alfalfa Stem Meal	5	7.76	33.83
Whole Barley (Chopped, Ground, Rolled)	7	9.58	73.48
Dried Beet Pulp	4	4.67	72.60
Brewers' Dried Grains	10	20.31	51.96
Condensed Buttermilk	4	9.74	30.34
Dried Buttermilk	10	33.04	86.84
Dried Citrus Peel and Pulp	8	4.80	76.00

*Calculated by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

Table 2. Digestible Protein and Productive Energy of Feeds Calculated from Average Analyses Shown in Table 1*—Continued

Name of Feed	Number Averaged	Digestible Protein, Per Cent	Productive Energy, Therms in 100 lbs.
Corn Bran	2	4.50	56.29
Corn Chop	2	6.28	83.01
Ear Corn Chop with Husk	36	5.02	70.24
Corn Feed Meal	5	6.92	85.75
Corn Meal	1	6.15	88.45
Corn Gluten Feed	8	21.22	67.41
Corn Gluten Meal	1	38.08	79.49
Corn Oil Meal	2	14.81	77.71
43% Protein Cottonseed Cake	222	36.60	68.32
41.12% Protein Ground Cottonseed Feed	8	34.38	70.83
43% Protein Cottonseed Meal	677	36.19	72.27
28% Protein Whole-Pressed Cottonseed	33	22.70	56.70
25% Protein Whole-Pressed Cottonseed	5	22.22	58.75
28% Protein Ground Whole-Pressed Cottonseed	13	22.93	57.97
68% Protein Fish Meal	4	51.20	65.21
65% Protein Fish Meal	1	49.53	82.83
64% Protein Fish Meal	2	51.95	62.84
Hegari Heads, Stalks and Stems	1	3.32	43.67
Hominy Feed	15	7.63	85.55
Kafir Head Chop	1	7.73	72.45
Ground Dried Kelp	1	3.77	25.79
37% Protein Linseed Cake	1	35.14	75.52
37% Protein Linseed Meal	3	32.62	74.29
34% Protein Linseed Meal	1	33.58	73.66
32% Protein Linseed Meal	1	27.88	72.09
Malt Sprouts	1	23.14	59.23
50% Protein Meat and Bone Scraps	74	49.79	78.52
47% Protein Meat and Bone Scraps	2	45.17	79.21
46% Protein Meat and Bone Scraps	2	48.44	77.16
45% Protein Meat and Bone Scraps	1	46.70	82.84
Dried Skimmed Milk	5	32.82	84.73
Milo Chop	6	8.77	85.45
Milo Head Chop	2	8.10	75.69
Oat Groats (Ground, Rolled)	3	16.94	97.60
Feeding Oat Meal	2	15.87	96.25
Whole Oats (Chopped, Crimped, Ground, Rolled)	49	10.03	71.37
Ground Peanut Hay	3	6.26	43.25
45% Protein Peanut Meal	2	38.51	76.86
43% Protein Peanut Meal	9	37.29	83.36
36% Protein Ground Peanut Feed	1	30.05	48.20
30% Protein Ground Whole-Pressed Peanut Screenings	1	22.11	54.78
36% Protein Ground Whole-Pressed Peanuts	1	26.79	64.06
Ground Peanut Stems	1	10.66	55.08
Rice Bran	27	9.13	67.15
Rice Polish	9	8.85	91.06
65% Protein Sardine Meal	2	50.07	61.42
44% Protein New Process Soybean Oil Meal	3	38.11	71.31
41% Protein Soybean Oil Meal	9	36.20	77.42
60% Protein Digester Tankage	10	41.61	61.72
50% Protein Digester Tankage with Bone	1	37.78	78.42
40% Protein Feeding Tankage with Bone	2	27.67	55.57
Wheat Bran	1	12.32	56.47
Wheat Bran and Screenings	36	13.43	55.76
Wheat Brown Shorts and Screenings	7	14.64	63.53
Wheat Chop	1	13.73	82.14
Wheat Germ	2	25.78	83.57
Wheat Red Dog Flour	1	13.28	83.61
Wheat Gray Shorts	80	15.53	75.28
Wheat Gray Shorts and Screenings	213	15.32	74.94
Wheat Mixed Feed	3	15.07	61.14
Wheat Mixed Feed and Screenings	9	14.50	60.62
Dried Whey	3	12.20	84.56

*Calculated by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

ESTIMATED TONNAGE OF FEEDING STUFFS SOLD IN TEXAS, 1906-1938

Table 3 shows the estimated tonnage of feed sold in Texas yearly during the past thirty-two years as computed from the sale of tax tags, assuming that all the tags sold during the period covered by this report are used for feeds sold during that period. It is impossible to give complete data on the number of tons of the various classes of feeds sold for consumption in Texas, owing to the fact that some manufacturers purchase blank tax tags and print on the tags, at their places of business, the information required by the Texas Feed Law. In connection with this table, attention should be called to the fact that the figures given represent only the tonnage of commercial feeding stuffs regulated by the Texas Feed Law and do not include whole grains.

Table 3. Estimated Tonnage of Feeding Stuffs Sold in Texas, 1906-1938

Years	Tons
1906-1907	485,805
1907-1908	511,661
1908-1909	532,792
1909-1910	755,488
1910-1911	820,277
1911-1912	972,340
1912-1913	680,259
1913-1914	847,716
1914-1915	881,136
1915-1916	778,137
1916-1917	974,608
1917-1918	1,155,055
1918-1919	945,864
1919-1920	754,349
1920-1921	762,769
1921-1922	735,319
1922-1923	932,473
1923-1924	1,009,047
1924-1925	1,015,742
1925-1926	1,119,561
1926-1927	1,181,538
1927-1928	1,226,882
1928-1929	1,370,120
1929-1930	1,434,966
1930-1931	1,112,302
1931-1932	1,093,307
1932-1933	1,057,533
1933-1934	1,235,172
1934-1935	1,298,743
1935-1936	1,210,790
1936-1937	1,443,552
1937-1938	1,542,833

VITAMIN D CARRIERS

Labels attached to containers of vitamin D carriers sold in Texas should give the following information:

Statement of net weight or quantity.

Name of product.

Vitamin D potency: Guaranteed not less than (?) A. O.

A. C. chick units of vitamin D per gram.

Name and address of manufacturer or importer.

During the past year twenty-four samples of vitamin D carriers have been examined and Table 4 shows the results obtained in the biological assays of these samples, as made by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief.

Table 4. Assays of Vitamin D Carriers

Name and Address of Manufacturer or Importer. Brand Name.	Minimum Guaranty A. O. A. C. Chick Units of Vitamin D per Gram	Did Sample Conform to Guaranty?	Registration or Inspection No.
Booth Company, Inc., F. E., San Francisco, California.			
High-Potency Sardilene-400.....	400	Yes	191B
High-Potency Sardilene-400.....	400	Yes	181M
Improved Sardilene.....	100	Yes	191C
Improved Sardilene.....	100	Yes	203M
California Packing Corporation, San Francisco, California.			
Biotol-85 Biologically Tested Sardine Oil.....	85	Yes	864A
Biotol-85 Biologically Tested Sardine Oil.....	85	Yes	226S
Biotol-100 Biologically Tested Sardine Oil.....	100	Yes	864B
Biotol-400 Special Sardine Oil with Natural Fish Liver Oils Added.....	400	Yes	864C
Biotol-200 Special Sardine Oil with Natural Fish Liver Oils Added.....	200	Yes	864D
Health Products Corporation, Newark, New Jersey.			
Clo-Trate Cod Liver Oil Fortified in Vitamins A and D.....	400	Yes	214T
Clo-Trate Cod Liver Oil Fortified in Vitamins A and D.....	400	Yes	305W
Johnson and Company, Inc., Mead, Evansville, Indiana.			
Mead's Cod Liver Oil Stearine.....	175	Yes	232S
McKesson and Robbins, Inc., New York, New York.			
McKesson's Poultry Cod Liver Oil USP Non-destearinated.....	160	No	199H
National Oil Products Company, Harrison, New Jersey.			
Nopco XX Brand Cod Liver Oil.....	400	No	212F
Nopco XX Brand Cod Liver Oil.....	400	Yes	263K
Nopco XX Brand Cod Liver Oil.....	400	Yes	264K
Nopco XX Brand Cod Liver Oil.....	400	Yes	211T
Silmo Chemical Company, Vineland, New Jersey.			
Silmo XX Cod Liver Oil.....	400	Yes	179A
Silmo XX Cod Liver Oil.....	400	Yes	219T
Squibb and Sons, E. R., New York, New York.			
Exadol.....	350	Yes	181F
Exadol.....	350	Yes	173H
Exadol.....	350	Yes	197M
White Laboratories, Inc., Newark, New Jersey.			
Clo-Trate Cod Liver Oil Fortified in Vitamins A and D.....	400	Yes	294K
Clo-Trate Cod Liver Oil Fortified in Vitamins A and D.....	400	Yes	330W

HARDNESS OF COTTONSEED CAKE

The force required to crush cottonseed cake between flat surfaces has been adopted as the best method of testing cake to ascertain its hardness. Tentatively, cracked cake with a crushing strength of 400 pounds or less is classed as soft; cake with a crushing strength of 401 to 1,500 pounds is classed as medium hard; cake with a crushing strength of 1,501 to 2,500 pounds is classed as hard, and that with a crushing strength of over 2,500 pounds is classed as very hard. This classification refers to the nut-size cottonseed cake, cubes and pellets as sold for feeding purposes.

During the past year twenty-three samples have been tested for hardness by the Division of Chemistry under the direction of Dr. G. S. Fraps, Chief, and the results appear in Table 5.

Table 5. Hardness of Cottonseed Cake

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength—Lbs.				Inspection Number
	Soft 0-400	Medium Hard 401-1500	Hard 1501-2500	Very Hard Above 2500	
Brazos Valley Cotton Oil Company, Waco, Texas. 43% Protein Cottonseed Cake..	369				2W-Special
Childress Cotton Oil Mill, Inc., Childress, Texas. 43% Protein Cottonseed Cake..		1435			3K-Special
Cuero Cotton Oil and Manufactur- ing Company, Cuero, Texas. 43% Protein Cracked Cotton- seed Cake.....		726			1H-Special
Dallas Oil and Refining Company, Dallas, Texas. 43% Protein Cottonseed Cake..	Below 20				3R-Special
East Texas Cotton Oil Company, Tyler, Texas. 43% Protein Cracked Cotton- seed Cake.....				2845	1F-Special
Fuller Cotton Oil Company, Snyder, Texas. 43% Protein Cottonseed Cake..		916			3S-Special
Gonzales Cotton Oil and Manu- facturing Company, Gonzales, Texas. 43% Protein Cottonseed Cake..				2551	2H-Special
Hill County Cotton Oil Company, Hillsboro, Texas. 43% Protein Cottonseed Cake..			1559		1W-Special
Kimbell Oil Mill, Huntsville, Texas. 43% Protein Cottonseed Cake..		589			3M-Special
Longview Cotton Oil Company, Longview, Texas. 43% Protein Cottonseed Cake..		861			2F-Special

Table 5. Hardness of Cottonseed Cake—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crushing Strength—Lbs.				Inspection Number
	Soft 0-400	Medium Hard 401-1500	Hard 1501-2500	Very Hard Above 2500	
Lubbock Cotton Oil Company, Lubbock, Texas. 43% Protein Cottonseed Cubes.		424			1K-Special
Marlin Oil Company, The, Marlin, Texas. 43% Protein Cottonseed Cake.			2016		3W-Special
Peoples Cotton Oil Company, Wharton, Texas. 43% Protein Nut-Size Cotton- seed Cake.		1282			2M-Special
Pittsburg Cotton Oil Company, Pittsburg, Texas. 43% Protein Cottonseed Cake.		991			3F-Special
Planters Cotton Oil Company of Dallas, Dallas, Texas. Golden Rod Brand 43% Protein Cottonseed Cake.		741			2R-Special
Quannah Cotton Oil Company, Quannah, Texas. 43% Protein Cottonseed Cubes.	Below 20				2K-Special
Richmond Cotton Oil Company, Inc., Richmond, Texas. 43% Protein Cracked Cotton- seed Cake.		597			1M-Special
South Texas Cotton Oil Company, Corpus Christi, Texas. 43% Protein Cottonseed Cake.		942			3H-Special
Sweetwater Cotton Oil Company, Sweetwater, Texas. 43% Protein Cottonseed Cubes.		729			2S-Special
Traders Oil Mill Company, Fort Worth, Texas. 43% Protein Cottonseed Pellets.	167				2T-Special
Trinity Cotton Oil Company, Dallas, Texas. 43% Protein Cottonseed Cake.		1024			1R-Special
West Texas Cottonoil Co., Abilene, Texas. Paymaster Brand 43% Protein Cottonseed Cake.		1203			1S-Special
Paymaster Brand 43% Protein Cottonseed Cake.		1122			1T-Special

COTTONSEED HULLS

Reports of feed inspection and previous bulletins on this subject reveal the fact that the guaranteed analyses of mixtures containing an appreciable percentage of cottonseed hulls were incorrect as there were discrepancies between the guaranties and the actual analyses, particularly as to percentages of crude fiber and nitrogen-free extract. Believing that these variations were due to the changed composition of cottonseed hulls,

we have recently analyzed a few representative samples of hulls and found that they contain more crude protein, crude fat, and nitrogen-free extract, and less crude fiber than the tentative guaranty which has been in use for many years.

The guaranty of any feed should approximate the actual analysis and registrations of mixed feeds containing an appreciable amount of cottonseed hulls are being adjusted to show a more favorable guaranty as compared with some other mixed feeds. Seven representative samples of cottonseed hulls were recently analyzed and the results appear in Table 6.

Table 6. Analyses of Cottonseed Hulls

Sampled at	Per Cent					
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash
Alamo Cotton Oil Mill, San Antonio, Texas.....	4.10	0.97	43.90	38.86	9.05	3.12
East Texas Cotton Oil Company, Terrell, Texas.....	4.36	1.22	44.83	41.77	5.09	2.73
Hill County Cotton Oil Company, Hillsboro, Texas.....	4.44	1.06	41.90	42.44	7.54	2.62
Richmond Cotton Oil Company, Inc., Richmond, Texas.....	3.48	0.64	43.37	40.52	8.85	3.14
Southland Cotton Oil Company, Corsicana, Texas.....	4.33	1.01	42.37	40.77	8.58	2.94
West Texas Cottonoil Co., Ballinger, Texas.....	4.10	0.66	46.32	39.63	6.57	2.72
West Texas Cottonoil Co., Shamrock, Texas.....	4.52	0.91	39.41	41.44	10.38	3.34
Average	4.19	0.92	43.16	40.78	8.01	2.94

CARBONATE OF LIME AND SALT IN MIXED FEEDS

Many feeds of a mixed nature are registered to contain certain percentages of ground limestone, ground oyster shell, or some other material as a source of carbonate of lime, and salt. Determinations of the percentages of salt and carbonate of lime in quite a few of the inspection samples of mixed feeds show that the guaranties were not met in all cases. Some samples contained more salt and lime carrier than guaranteed, while others contained deficiencies in these ingredients, indicating failure to follow the formulas or lack of uniformity in mixing the ingredients.

During the period covered by this report the Division of Chemistry made 303 quantitative determinations of salt and 109 quantitative determinations of carbonate of lime in mixed feeds. Those shipments containing appreciable deficiencies or excesses were reported to the manufacturers and may be listed as follows:

- 6 Deficient in ground limestone
- 2 Deficient in ground limestone and salt
- 5 Deficient in ground limestone with excess of salt
- 7 Deficient in ground oyster shell
- 1 Deficient in ground oyster shell and salt
- 1 Deficient in precipitated calcium carbonate and salt
- 8 Deficient in salt
- 3 Deficient in salt with excess of ground oyster shell
- 6 Excess of ground limestone
- 1 Excess of ground limestone and salt
- 16 Excess of ground oyster shell
- 3 Excess of salt
- 1 Excess of precipitated calcium carbonate

Although some improvement has been noted during the past year, there is still need for greater improvement on the part of some manufacturers, particularly concerning the use of lime carriers. The amount of limestone, oyster shell, and other lime carriers, and salt, is always shown on registrations and feed inspection tags and the guaranties should be maintained in all cases.

Table 7 shows that 44.9 per cent of the samples examined for lime carriers did not contain the correct amount of limestone, oyster shell, or precipitated calcium carbonate as guaranteed to be present.

All manufacturers are advised to follow the formulas and take the necessary steps to insure proper mixing of the ingredients before shipments are made.

Table 7. Summary of Salt and Carbonate of Lime Determinations

Ingredient	Number Samples Examined	Number Samples Deficient	Number Samples With Excess	Per Cent	
				Deficient	With Excess
Salt.....	303	15	9	4.9	3.0
Limestone, Oyster Shell, or Precipitated Calcium Carbonate...	109	22	27	20.2	24.7

SUGGESTIONS TO PURCHASERS OF FEED

Examine Official Tags.—In purchasing feeding stuffs, always carefully examine the official tags attached and purchase on the official guaranty and actual analysis as indicated in the reports of the Division of Feed Control Service, and disregard statements of salesmen or in advertising matter, if they differ from the official tags.

Goods Not as Represented.—In case any purchaser receives goods which he thinks are not as represented, he may write to the Division of Feed Control Service, giving full details of the matter, stating the quantity on

hand and his reasons for suspecting that the feed is not as represented. The Division will investigate the matter carefully and either send an inspector, if conditions justify so doing, or else send instructions for taking a sample of the feed for further examination.

Freight Bills, Invoices, Etc.—It is important that purchasers of feed in car lots should always have available for use of the inspector the following information: the total number of tons in the shipment; number and initials of car in which shipment is received; number and date of waybill; name of railroad issuing waybill; name of town from which shipment was made; name of firm from which feed was purchased; date of original waybill; date shipment was received, and price per ton. This information is especially valuable to the Service in all cases involving the shipment of feed from other States, as it will assist in proving the sale and protecting Texas purchasers under the Federal Law.

Official Tag.—Do not accept any feeding stuff unless Texas tax tags are attached to the sacks, and purchase only those brands which are manufactured by companies whose record of inspection shows that their guaranties are maintained.

DEFINITIONS AND STANDARDS ADOPTED

The Director of the Texas Agricultural Experiment Station is empowered to adopt standards for and definitions of feeding stuffs; therefore, the registration of any feeding stuff may be refused if it does not conform to the standard and definition or if application is made under a name which is misleading as to materials of which it is composed. Registrations continue in force until revision or re-registration may be required, unless canceled for cause. The following will be considered as sufficient reasons for the cancelation of any registration, after ten days' notice: if a feeding stuff is registered and then discovered to be in violation of the standards and definitions adopted; the use of a brand name that is found to be misleading in any respect; the use of a feed ingredient that is found to be injurious; the incorrect labeling of a feed with regard to any ingredient; misbranding or adulteration; notice from the manufacturer that the sale of any given brand has been discontinued, and notice from the manufacturer that he has ceased to do business in Texas.

Table 8 shows the chemical standards now in effect in Texas. If a manufacturer is uncertain as to how a certain brand of feed should be registered, it will be advisable for him to communicate with the Division of Feed Control Service before making application for registration.

Special-Purpose Mixed Feeds

The standards for special-purpose mixed feeds have also been adopted by the South Central States Association of Food, Feed, Drug and Health Officials.

Table 8. Chemical Standards

Name of Feed	Minimum Protein, Per Cent	Minimum Fat, Per Cent	Maximum Fiber, Per Cent
Chopped Alfalfa	13.00	1.50	33.00
Alfalfa Leaf Meal			18.00
Alfalfa Meal	13.00	1.50	33.00
Ground Whole Barley			6.00
Raw Bone Meal	23.00		
Dried Buttermilk		5.00	
Evaporated, Concentrated, Condensed Buttermilk		2.00	
Corn Bran	8.00	5.00	12.00
Corn Chop	9.00	3.50	3.00
Ear Corn Chop	8.20	3.20	8.00
Ear Corn Chop with Husk	8.00	3.00	10.00
Corn Feed Meal	8.00	3.00	3.00
48% Protein Cottonseed Meal and Cake	48.00	7.00	9.00
45% Protein Cottonseed Meal and Cake	45.00	6.00	10.00
43% Protein Cottonseed Meal and Cake	43.00	5.20	12.00
41.12% Protein Cottonseed Feed	41.12	5.00	14.00
38.56% Protein Cottonseed Feed	38.56	5.00	18.00
36% Protein Cottonseed Feed	36.00	5.00	22.00
28% Protein Whole-Pressed Cottonseed	28.00		
25% Protein Whole-Pressed Cottonseed	25.00		
Crab Meal	25.00		
Feterita Chop	11.00	2.80	3.00
Feterita Head Chop	10.00	2.50	8.00
Hominy Feed	10.00	5.00	7.00
Kafir Chop	10.00	2.50	3.00
Kafir Head Chop	8.50	2.50	8.00
Milo Chop	10.00	2.50	3.00
Milo Head Chop	8.50	2.50	8.00
48% Protein Peanut Meal and Cake	48.00	7.00	9.00
45% Protein Peanut Meal and Cake	45.00	6.00	10.00
43% Protein Peanut Meal and Cake	43.00	6.00	12.00
36% Protein Whole-Pressed Peanuts	36.00		22.00
34% Protein Whole-Pressed Peanuts	34.00		24.00
Rice Bran	11.00	10.00	15.00
Rice Polish	11.00	6.00	4.00
Rye Flour Middlings			5.00
Rye Low-Grade Feed Flour			1.50
Wheat Bran	14.50	3.00	10.00
Wheat Brown Shorts	15.00	3.50	7.50
Wheat Chop	12.00	2.00	3.00
Wheat Gray Shorts	15.00	3.50	6.00
Wheat Low-Grade Feed Flour			1.50
Wheat Mixed Feed	15.00	3.50	8.50
Wheat Red Dog			4.00
Wheat White Shorts	14.50	3.00	3.50
Special-Purpose Mixed Feeds			
Dairy or Dairy Cow Feed	15.00	3.00	15.00
Horse and Mule Feed	9.00	2.00	15.00
Complete Hog Feed or Ration	14.00	3.00	8.00
Chick Scratch Feed	9.00	2.00	4.00
Intermediate Scratch Feed	9.00	2.00	4.50
Poultry Scratch Feed	9.00	2.00	5.00
All-Mash Broiler Ration	17.00	3.50	8.00
Starting Mash	16.00	3.50	7.00
All-Mash Starting Ration	15.00	3.50	7.00
Growing Mash	15.00	3.50	8.00
All-Mash Growing Ration	15.00	3.50	7.00
Starting and Growing Mash	16.00	3.50	7.00
All-Mash Starting and Growing Ration	15.00	3.50	7.00
Laying or Egg Mash*	18.00	3.50	8.00
All-Mash Laying Ration	15.00	3.50	8.00
All-Mash Poultry Ration	15.00	3.50	7.00
Poultry Fattening Mash	13.00	4.00	8.00
Turkey Starting Mash	18.00	3.50	8.00
Turkey Growing Mash	17.00	3.50	8.00
Turkey Starting and Growing Mash	18.00	3.50	8.00
Turkey Laying Mash	18.00	3.50	8.00
Turkey All-Mash Laying Ration	15.00	3.50	8.00

*Twenty per cent of the total protein content must be of animal origin.

DEFINITIONS OF AND STANDARDS FOR COMMERCIAL UNMIXED FEEDS

Many of the definitions adopted by the Association of American Feed Control Officials, Inc., are followed closely and the names and standards are required to be in conformity with these definitions. The date in parenthesis, such as (Adopted 1928.), gives the date of official adoption by the Association of American Feed Control Officials, Inc. In addition to these definitions, the following, some of which apply especially to Texas conditions, include standards and definitions formulated by the Division of Feed Control Service from the most reliable data available.

Alfalfa Products

Alfalfa Meal is the product obtained from the grinding of the entire alfalfa hay, without the addition of any alfalfa stems, alfalfa straw, or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds. (Adopted 1928.) Standard: It must contain not less than 13 per cent of crude protein and 1.5 per cent of crude fat, and not more than 33 per cent of crude fiber.

Chopped or Cut Alfalfa is the entire alfalfa hay, chopped or cut and not ground finely enough to become a meal. It must not contain an admixture of alfalfa straw or other foreign material. (Adopted prior to 1928—Amended 1937.) Standard: It must contain not less than 13 per cent of crude protein and 1.5 per cent of crude fat, and not more than 33 per cent of crude fiber.

Alfalfa Leaf Meal is the ground product consisting chiefly of leafy materials separated from alfalfa hay. It must be reasonably free from other crop plants and weeds, and must not contain more than 18 per cent of crude fiber. (Adopted 1928.)

Alfalfa Stem Meal is the ground product remaining after the separation of the leafy material from alfalfa hay or meal. It must be reasonably free from other crop plants and weeds. (Adopted 1928.)

Animal Products

Blood Meal is ground, dried blood. (Adopted 1926.)

Blood Flour is dried blood, prepared by special processes and reduced to a fine powder. (Adopted prior to 1928.)

Digester Tankage, Meat Meal Tankage, or Feeding Tankage is the residue from animal tissues exclusive of hoof, horn, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry-rendering or a mixture of the products made suitable by drying and grinding. It must not contain more than 4.37 per cent of

phosphorus (P). If it bears a name descriptive of its kind, composition or origin, the material must correspond thereto. (Adopted 1928—Amended 1933, 1936.)

Digester Tankage with Bone, Meat and Bone Meal Digester Tankage, Meat and Bone Meal Tankage, or Feeding Tankage with Bone is the residue from animal tissues exclusive of hoof, horn, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice, especially prepared for feeding purposes by tanking under live steam or by dry-rendering or a mixture of the products made suitable by drying and grinding, and containing more than 4.37 per cent of phosphorus (P). If it bears a name descriptive of its kind, composition or origin, it must correspond thereto. (Adopted 1928—Amended 1933, 1936.)

Meat Scraps is the ground, dry-rendered residue from animal tissues exclusive of hoof, horn, manure, and stomach contents, except in such traces as might occur unavoidably in good factory practice. When this product contains more than 4.37 per cent of phosphorus (P), it shall be designated Meat and Bone Scraps. If it bears a name descriptive of its kind, composition or origin, it must correspond thereto. (Adopted 1928—Amended 1936.)

Raw Bone Meal is the dried, ground product suitable for animal feeding, obtained by cooking in water at atmospheric pressure, undecomposed bones, just enough to remove excess fat and meat. It must not contain less than 23 per cent of protein. (Adopted 1929.)

Steamed Bone Meal is the dried, ground product suitable for animal feeding obtained by cooking bones with steam under pressure. (Adopted 1929.)

Special Steamed Bone Meal is the dried ground product suitable for animal feeding, obtained by cooking dried bone after the removal of grease and meat fiber with steam under pressure in the process of obtaining gelatine or glue. (Adopted 1929.)

Barley Products

Barley Mixed Feed is the entire offal from the milling of barley flour from clean barley, and is composed of barley hulls and barley middlings. (Adopted prior to 1928.)

Barley Hulls is the product consisting of the outer coverings of the barley. (Adopted prior to 1928.)

Barley Feed is the entire by-product resulting from the manufacture of pearl barley from clean barley. (Adopted prior to 1928.)

Ground Barley is the entire product obtained by grinding clean, sound barley, containing not less than 90 per cent of pure barley and not more than 10 per cent of other grains, weed seeds, and other foreign material,

and not more than 6 per cent of crude fiber; provided that no portion of this stated 10 per cent of other grains, weed seeds, or other foreign material shall be intentionally added. (Adopted prior to 1928.)

Mixed Feed Barley is the entire product obtained by grinding country-run barley containing not less than 75 per cent of pure barley and not more than 25 per cent of other grains, weed seeds, and other foreign material; provided that no portion of this stated 25 per cent of other grains, weed seeds, or foreign material shall be intentionally added. The ingredients must be stated as barley, other grains, weed seeds, and other foreign material. (Adopted prior to 1928.)

Brewers' and Distillers' Products

Brewers' Dried Grains is the dried extracted residue of barley malt alone or in mixture with other cereal grain or grain products resulting from the manufacture of wort. (Adopted 1936.)

Corn Distillers' Dried Grains is the dried residue obtained in the manufacture of alcohol and distilled liquors from corn or a grain mixture in which corn predominates. (Adopted 1937.)

Rye Distillers' Dried Grains is the dried residue obtained in the manufacture of alcohol and distilled liquors from rye or a grain mixture in which rye predominates. (Adopted 1937.)

Distillers' Corn Solubles is a by-product from the manufacture of alcohol from corn solids obtained by the evaporation of the mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

Distillers' Rye Solubles is a by-product from the manufacture of alcohol from rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

Distillers' Corn and Rye Solubles is a by-product from the manufacture of alcohol from corn and rye solids obtained by the evaporation of mash liquor after the removal of the alcohol and wet grains. (Adopted prior to 1928.)

Malt Sprouts are the sprouts of the barley grain obtained from malted barley. Sprouts derived from any other malted cereal must be designated by the name of that cereal. (Adopted prior to 1928.)

Yeast Dried Grains or Vinegar Dried Grains is the properly dried residue from the mixture of cereals, malt, and malt sprouts (sometimes cottonseed meal), obtained in the manufacture of yeast or vinegar, and consists of corn or corn and rye, from which most of the starch has been extracted, together with malt added during the manufacturing process to change the starch to sugars, and malt sprouts (sometimes cottonseed meal) added during the manufacturing process to aid in filtering the residue from the wort and to serve as a source of food supply for the yeast. (Adopted prior to 1928.)

Corn Products

Corn Meal is finely ground, unbolted corn. (Adopted prior to 1928.)

Corn Bran is the outer coating of the corn kernel, with little or none of the starchy part or germ. (Adopted 1931.) Standard: It must contain not less than 8 per cent of crude protein and 5 per cent of crude fat, and not more than 12 per cent of crude fiber.

Corn Feed Meal is the fine siftings obtained in the manufacture of screened corn chop, screened ground corn, or screened cracked corn, with or without its aspiration products added. (Adopted 1931.) Standard: It must contain not less than 8 per cent of crude protein and 3 per cent of crude fat, and not more than 3 per cent of crude fiber.

Corn Chop, Ground Corn, or Cracked Corn is the entire product made by grinding, cutting, or chopping the grains of sound Indian corn, and may be fine, medium, or coarse, and must not contain more than 4 per cent of foreign material. (Adopted 1931.) Standard: It must contain not less than 9 per cent of crude protein and 3.5 per cent of crude fat, and not more than 3 per cent of crude fiber.

Screened Corn Chop, Screened Ground Corn, or Screened Cracked Corn is the coarse portion of corn chop, ground corn or cracked corn from which most of the fine particles have been removed, and must not contain more than 4 per cent of foreign material. (Adopted 1931.)

Corn Grits, or Hominy Grits is the product consisting of the fine or medium-sized, hard flinty portions of sound Indian corn containing little or none of the bran or germ. (Adopted 1931.)

Ear Corn Chop is corn and cob chopped, without the husk, with no greater proportion of cob than occurs in the ear corn in its natural state. (Adopted prior to 1928.) Standard: It must contain not less than 8.20 per cent of crude protein and 3.20 per cent of crude fat, and not more than 8 per cent of crude fiber.

Corn Gluten Feed is that part of commercial shelled corn that remains after the extraction of the larger part of the starch and germ by the process employed in the wet-milling manufacture of corn starch or syrup. It may or may not contain one or more of the following: corn solubles, corn oil meal. (Adopted 1936.)

Corn Gluten Meal is that part of commercial shelled corn that remains after the extraction of the larger part of the starch and germ, and the separation of the bran by the process employed in the wet-milling manufacture of corn starch or syrup. It may or may not contain one or more of the following: corn solubles, corn oil meal. (Adopted 1936.)

Maltose Process Corn Gluten Feed is the dried residue from degermed corn, after removal of the starch in the manufacture of malt syrup. (Adopted prior to 1928.)

Hominy Feed is a mixture of corn bran, corn germ, and a part of the starchy portion of either white or yellow corn kernels or mixture thereof as produced in the manufacture of pearl hominy, hominy grits or table meal, and shall contain not less than 5 per cent of crude fat. If prefixed with the words "white" or "yellow," the product must correspond thereto. (Adopted 1935.) Standard: It must contain not less than 10 per cent of crude protein and 5 per cent of crude fat, and not more than 7 per cent of crude fiber.

Corn Oil Cake consists of the corn germ from which part of the oil has been pressed and is the product obtained in the wet-milling process of manufacture of cornstarch, corn syrup, and other corn products. (Adopted prior to 1928.)

Corn Oil Meal is ground corn oil cake. (Adopted prior to 1928.)

Corn Germ Cake consists of corn germ with other parts of the corn kernel from which part of the oil has been pressed, and is the product obtained in the dry-milling process of manufacture of corn meal, corn grits, hominy feed, and other corn products. (Adopted prior to 1928.)

Corn Germ Meal is ground corn germ cake. (Adopted prior to 1928.)

Corn Screenings is the product consisting of the small light grains of corn, parts of grains of corn or other cereals, and other materials having feeding value, separately or together, obtained by screening shelled corn, excluding sand, dirt and other similar inert materials. (Adopted 1931.)

Cottonseed Products

Cottonseed Meal is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed meal that does not conform to the foregoing definition and that does not contain at least 43 per cent of protein. Cottonseed meal shall be graded and classed as follows:

48 Per Cent Protein Cottonseed Meal, Prime Quality, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess of lint. Standard: It must contain not less than 48 per cent of crude protein and not less than 55 per cent of crude protein and crude fat combined, and not more than 9 per cent of crude fiber.

45 Per Cent Protein Cottonseed Meal, Prime Quality, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess of lint. Standard: It must contain not less than 45 per cent of crude protein and not less than 51 per cent of crude protein and crude fat combined, and not more than 10 per cent of crude fiber.

43 Per Cent Protein Cottonseed Meal, Prime Quality, must be reasonably bright in color, not brown or reddish, sweet in odor, and free from excess

of lint. Standard: It must contain not less than 43 per cent of crude protein and not less than 48.20 per cent of crude protein and crude fat combined, and not more than 12 per cent of crude fiber.

Cottonseed Meal, Off Quality. Cottonseed meal not fulfilling the above requirements as to color, odor, or texture shall be branded "Off Quality," that is, "43 Per Cent Protein Cottonseed Meal, Off Quality." Higher grades shall be similarly designated.

Cottonseed Cake is a product of the cottonseed only, composed principally of the kernel with such portion of the hull as is necessary in the manufacture of oil; provided that nothing shall be recognized as cottonseed cake that does not conform to the following definitions and that does not contain at least 43 per cent of protein. Cottonseed cake shall be graded and classed as follows:

----- **Per Cent Protein Cottonseed Cake, Prime Quality.** Cottonseed cake, prime quality, must be firm, but not flinty in texture, of sweet odor, free of mold, and when ground into meal, must produce cottonseed meal, prime quality. It shall contain not less than 43 per cent of crude protein. It must be designated and sold according to its protein content. Cottonseed cake with 43 per cent of crude protein must be termed "43 Per Cent Protein Cottonseed Cake, Prime Quality," and higher grades similarly designated.

----- **Per Cent Protein Cottonseed Cake, Off Quality.** Cottonseed cake not fulfilling the above requirement as to color, odor, and texture must be labeled "43 Per Cent Protein Cottonseed Cake, Off Quality," and higher grades similarly designated.

----- **Per Cent Protein Nut-Size Cottonseed Cake, ----- Quality.** Nut-size cottonseed cake shall be a product which will pass through 1½-inch round perforation and over ⅞-inch round perforation. It shall be free from meal, pea-size and pebble-size cake and shall not contain in excess of 10 per cent of sheep-size cake. (Adopted 1937.)

----- **Per Cent Protein Sheep-Size Cottonseed Cake, ----- Quality.** Sheep-size cottonseed cake shall be a product which will pass through ⅞-inch round perforation and over ⅝-inch round perforation. It shall be free from meal and pebble-size cake and shall not contain in excess of a total of 10 per cent of nut-size and pea-size cake. (Adopted 1937.)

----- **Per Cent Protein Pea-Size Cottonseed Cake, ----- Quality.** Pea-size cottonseed cake shall be a product which will pass through ⅝-inch round perforation and over ⅜-inch round perforation. It shall be free from meal and nut-size cake and shall not contain in excess of 10 per cent of sheep-size and pebble-size cake. (Adopted 1937.)

----- **Per Cent Protein Pebble-Size Cottonseed Cake, ----- Quality.** Pebble-size cottonseed cake shall be a product consisting of fine particles and small

pieces of cottonseed cake capable of passing through a $\frac{3}{8}$ -inch round perforation. (Adopted 1937.)

..... **Per Cent Protein Cottonseed Cubes or Pellets, Prime Quality.** Cottonseed cubes or pellets, prime quality, processed through a cubing or pelleting machine, must be firm, but not flinty, of sweet odor, free of mold, and when ground into meal, must produce cottonseed meal, prime quality. It shall contain not less than 43 per cent of crude protein. It must be designated and sold according to its protein content.

Cottonseed Cake, Cubes, and Pellets shall correspond to cottonseed meal as to composition and as to standards and classifications.

41.12 Per Cent Protein Ground Cottonseed Feed must be reasonably bright in color, sweet in odor, and must contain not more than 5 per cent of delinted cottonseed hulls. Standard: It must contain not less than 41.12 per cent of crude protein and not less than 46.12 per cent of crude protein and crude fat combined, and not more than 14 per cent of crude fiber.

38.56 Per Cent Protein Ground Cottonseed Feed must be reasonably bright in color, sweet in odor, and must contain not more than 12 per cent of delinted cottonseed hulls. Standard: It must contain not less than 38.56 per cent of crude protein and not less than 43.56 per cent of crude protein and crude fat combined, and not more than 18 per cent of crude fiber.

36 Per Cent Protein Ground Cottonseed Feed must be reasonably bright in color, sweet in odor, and must contain not more than 17.50 per cent of delinted cottonseed hulls. Standard: It must contain not less than 36 per cent of crude protein and not less than 41 per cent of crude protein and crude fat combined, and not more than 22 per cent of crude fiber.

Cracked Cottonseed Feed shall correspond to ground cottonseed feed as to composition and as to standards and classifications.

The percentage of cottonseed hulls contained in cottonseed feed must be shown on the tags in order that this product may not be considered adulterated.

28 Per Cent Protein Whole-Pressed Cottonseed, Prime Quality, is the product resulting from subjecting the whole, sound, mature, clean, undecorticated cottonseed to pressure for the extraction of oil, and includes the entire cottonseed, less the oil extracted and the lint removed. Standard: It must contain not less than 28 per cent of crude protein.

25 Per Cent Protein Whole-Pressed Cottonseed, Prime Quality, is the product resulting from subjecting the whole, sound, mature, clean, undecorticated cottonseed to pressure for the extraction of oil, and includes the entire cottonseed, less the oil extracted and the lint removed. Standard: It must contain not less than 25 per cent of crude protein.

Ground Whole-Pressed Cottonseed is whole-pressed cottonseed, ground. It must correspond to whole-pressed cottonseed as to composition and as to standards and classifications.

Feterita Products

Feterita Chop consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 11 per cent of protein, 2.8 per cent of fat, and not more than 3 per cent of crude fiber.

Feterita Head Chop consists of the entire head, chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

Feterita Head Stems consists of the head of feterita from which the grain has been removed.

Kafir Products

Kafir Chop consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 3 per cent of crude fiber.

Kafir Head Chop consists of the entire head, chopped. Standard: It must contain not less than 8.50 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

Kafir Head Stems consists of the head of kafir from which the grain has been removed.

Linseed and Flax Products

..... **Per Cent Protein Linseed Cake or Linseed Meal** is the product obtained in the removal of the oil from flaxseed; provided that the final product contains less than 6 per cent of weed seeds and other foreign materials; and provided, further, that no portion of the stated 6 per cent of weed seeds and other foreign materials shall be deliberately added. It shall not contain more than 0.5 per cent of acid insoluble ash. (Adopted 1933.)

..... **Per Cent Protein Old Process Oil Meal or Per Cent Protein Old Process Linseed Meal** is oil meal as defined below, produced by crushing, cooking and hydraulic pressure. (Adopted prior to 1928.)

..... **Per Cent Protein New Process Oil Meal or Per Cent Protein New Process Linseed Meal** is oil meal as defined below, produced by crushing, heating and the use of solvents. (Adopted prior to 1928.)

Flax Plant By-Product is that portion of the flax plant remaining after the separation of the seed, the bast fiber, and a portion of the shives, and consists of flax shives, flax pods, broken and immature flax seeds, and the cortical tissues of the stem. (Adopted prior to 1928.)

Ground Flaxseed or Flaxseed Meal is the product obtained by grinding flaxseed which has been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process; the final product must contain less than 4 per cent of weed seeds and other foreign materials, and no portion of the stated 4 per cent of weed seeds and other foreign materials shall be intentionally added. (Adopted prior to 1928.)

Unscreened Flaxseed Oil Feed Cake is the product obtained by extraction of part of the oil from unscreened flaxseed by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents. The ingredients must be stated as "partially extracted flaxseed and foreign seeds (wheat, wild buckwheat, pigeon grass, wild mustard, etc.)." (Adopted prior to 1928.)

Ground Unscreened Flaxseed Oil Feed is the ground unscreened flaxseed oil feed cake. (Adopted prior to 1928.)

Screenings Oil Feed is the ground product obtained after extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents from the smaller imperfect flaxseed, weed seeds, and other foreign materials having feeding value, separated in cleaning flaxseed. The name of the grain from which the screenings are separated must be prefixed to "screenings oil feed." (Adopted prior to 1928.)

----- **Per Cent Protein Oil Cake** is the product obtained after the extraction of part of the oil by crushing, cooking, and hydraulic pressure, or by crushing, heating, and the use of solvents, from flaxseed which have been screened and cleaned of weed seeds and other foreign materials by the most improved commercial process. When used alone the term "Oil Cake" shall be understood to designate linseed cake as defined. When used to cover any other product the name of the seed from which it is obtained must be prefixed to the words "Oil Cake." (Adopted prior to 1928.)

----- **Per Cent Protein Oil Meal** or ----- **Per Cent Protein Ground Oil Cake** is oil cake ground to a meal. (Adopted prior to 1928.)

----- **Per Cent Protein Linseed Feed** is a mixture of linseed meal with screenings oil feed, or other flaxseed by-products, or both. (Adopted 1937.)

Marine Products

Fish Meal is clean, dried, ground tissues of undecomposed whole fish or fish cuttings, either or both, with or without the extraction of part of the oil, and contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Fish Residue Meal is the clean, dried, undecomposed residue from the manufacture of glue from non-oily fish, and contains not more than 3

per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Crab Meal is prepared from the undecomposed dried waste of the crab industry and contains the shell, viscera, and part or all of the flesh. It contains not less than 25 per cent of protein and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Shrimp Meal is prepared from the undecomposed dried waste of the shrimp industry and contains the head, hull or the whole shrimp, either or in mixture, and not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Whale Meal is prepared from the clean, dried, undecomposed flesh of the whale, after part of the oil has been extracted. It contains not more than 3 per cent of salt (NaCl). If it contains more than 3 per cent of salt (NaCl) the amount of salt must constitute a part of the brand name, provided that in no case shall the salt content of this product exceed 7 per cent. (Adopted 1933.)

Cod Liver Oil is the oil obtained from the livers of gadus morrhuae or other species of the family gadidae, either or both. It must contain not less than 600 U. S. P. units of vitamin A and not less than 85 Association of Official Agricultural Chemists' chick units of vitamin D per gram. (Adopted 1937.)

Sardine Oil or **Pilchard Oil** is the product obtained by extraction of part of the oil from the whole Pacific sardine or pilchard or from cannery refuse of this species of fish. (Adopted 1932.)

Salmon Oil is the product obtained by extraction of part of the oil from the cannery refuse of salmon. (Adopted 1932.)

Tuna Oil is the product obtained by extraction of part of the oil from the cannery refuse of tuna. (Adopted 1932.)

Menhaden Oil is the product obtained by extraction of part of the oil from whole menhaden. (Adopted 1932.)

Herring Oil is the product obtained by extraction of part of the oil from the whole herring or part of the herring. (Adopted 1933.)

Salmon Liver Oil is the product obtained by extraction of part of the oil from salmon livers. (Adopted 1933.)

Stearine is the solid material obtained by filtration from an animal or vegetable oil after chilling or freezing in the process of refining. When this product is sold as a feed, the term shall be prefixed by the name of the oil from which it is obtained. (Adopted 1934.)

Milk Products

Evaporated Buttermilk, Concentrated Buttermilk, or Condensed Buttermilk is the product resulting from the removal of a considerable portion of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added excepting such as are permitted and necessary in the manufacture of butter. It contains not less than 27 per cent of total solids, not less than 2 per cent of butterfat, and not more than .14 per cent of ash for each per cent of solids. This definition does not prohibit the use of a distinctive trade name, provided it is followed by one of the names given. (Adopted prior to 1928.)

Dried Skimmed Milk is the product resulting from the removal of water from clean, sound skimmed milk. It contains not more than 8 per cent of moisture. (Adopted 1930.)

Condensed Skimmed Milk is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk. It contains not less than 27 per cent of total solids. (Adopted 1930.)

Dried Buttermilk is the product resulting from the removal of water from clean, sound buttermilk derived from natural cream to which no foreign substances have been added, excepting such as are necessary and permitted in the manufacture of butter. It contains not more than 8 per cent of moisture, not more than 13 per cent of mineral matter (ash), and not less than 5 per cent of butterfat, as determined by the Roes-Gottlieb method. (Adopted 1932.)

Dried Soured Skimmed Milk is the product resulting from the removal of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not more than 8 per cent of moisture. (Adopted 1932.)

Evaporated Soured Skimmed Milk, Concentrated Soured Skimmed Milk, or Condensed Soured Skimmed Milk is the product resulting from the removal of a considerable portion of water from clean, sound skimmed milk which has been soured by a suitable culture of lactic bacteria. It contains not less than 27 per cent of total solids. (Adopted 1932.)

Dried Whey is the by-product from the manufacture of cheese or casein, either or both. This product shall contain at least 65 per cent of lactose (milk sugar). (Adopted 1934.)

Cheese Rind is cooked, partially defatted cheese rind. (Adopted 1935.)

Milo Products

Milo Chop consists of the entire grain removed from the head and chopped. Standard: It must contain not less than 10 per cent of protein, 2.50 per cent of fat, and not more than 3 per cent of crude fiber.

Milo Head Chop consists of the entire head, chopped. Standard: It must contain not less than 8.50 per cent of protein, 2.50 per cent of fat, and not more than 8 per cent of crude fiber.

Milo Head Stems consist of the head of the milo from which the grain has been removed.

Oat Products

Oat Hulls is the product consisting of the outer covering of the oat. (Adopted prior to 1928.)

Oat Middlings is the product consisting of the floury portions of the oat groat obtained in the milling of rolled oats. (Adopted prior to 1928.)

Oat Shorts is the product consisting of the covering of the oat grain lying immediately inside the hull, being a fuzzy material carrying with it considerable portions of the fine floury part of the groat obtained in the milling of rolled oats. (Adopted prior to 1928.)

Clipped Oat By-Product is the by-product obtained in the manufacture of clipped oats. It may contain the light chaffy material broken from the end of the hulls, empty hulls, light immature oats, and dust. It must not contain an excessive amount of oat hulls. (Adopted prior to 1928.)

Oat Chop, Ground Oats, Pulverized Oats, Crushed Oats, or Crimped Oats consists of the entire product made by chopping, cutting, grinding, crushing, or crimping whole oats. (Adopted 1931.)

Oat Groats are the kernels produced from cleaned and dried oats in the process of manufacturing oat meal. (Adopted 1931.)

Hulled Oats or Undried Oat Groats are the kernels produced from the undried grain in the process of hulling oats. (Adopted 1931.)

Oat Mill Feed (Oat Hulls, Oat Shorts, and Oat Middlings) is the entire by-product produced in the manufacture of oat groats and consists of oat hulls, oat shorts, and oat middlings. If used in a mixed feed, it shall be called Oat Mill Feed (Oat Hulls, Oat Shorts, and Oat Middlings). (Adopted 1932.)

Oat Meal or Ground Oat Groats is the product produced by cutting, cracking, or grinding oat groats. (Adopted 1931.)

Rolled Oat Groats or Rolled Oats is the product obtained in the process of rolling oat groats. (Adopted 1931.)

Peanut Products*

48 Per Cent Protein Peanut Meal is the product from the kernels of sound peanuts, free from excess of hulls and other foreign materials. Standard: It must be finely ground and of sweet odor, and must contain not less than 48 per cent of protein, not less than 7 per cent of fat, and not more than 9 per cent of crude fiber.

45 Per Cent Protein Peanut Meal is the product from the kernels of sound peanuts, free from excess of hulls and other foreign materials. Standard: It must be of sweet odor, and contain not less than 45 per cent of protein, not less than 6 per cent of fat, and not more than 10 per cent of crude fiber.

43 Per Cent Protein Peanut Meal is the product from the kernels of sound peanuts, reasonably free from excess of hulls and other foreign materials. Standard: It must be of sweet odor, and contain not less than 43 per cent of protein, not less than 6 per cent of fat, and not more than 12 per cent of crude fiber.

Peanut Cake shall correspond to peanut meal as to composition and as to standards and classifications.

36 Per Cent Protein Whole-Pressed Peanuts is the product resulting from subjecting the whole, sound, mature, clean peanuts, free from sticks, stems, and dirt, to pressure for the extraction of oil, and includes the entire peanut less the oil extracted. Standard: It must contain not less than 36 per cent of protein and not more than 22 per cent of crude fiber.

34 Per Cent Protein Whole-Pressed Peanuts is the product resulting from subjecting the whole, sound, mature, clean peanuts, reasonably free from sticks and stems, to pressure for the extraction of oil, and includes the entire peanut less the oil extracted. Standard: It must contain not less than 34 per cent of protein and not more than 24 per cent of crude fiber.

Ground Whole-Pressed Peanuts shall correspond to whole-pressed peanuts as to composition and as to standards and classifications.

Rice Products

Rice Bran is the pericarp or bran layer of the rice, with only such quantity of hull fragments as is unavoidable in the regular milling of rice. (Adopted prior to 1928.) Standard: It must contain not less than 11 per cent of crude protein and 10 per cent of crude fat, and not more than 15 per cent of crude fiber.

Rice Polish is the finely powdered material obtained in polishing the kernel. (Adopted prior to 1928.) Standard: It must contain not less than

*Definitions not adopted by the Association of American Feed Control Officials, Inc.

11 per cent of crude protein and 6 per cent of crude fat, and not more than 4 per cent of crude fiber.

Rice Hulls is the product consisting of the outer coverings of the rice. (Adopted prior to 1928.)

Rice Meal is ground brown rice or ground rice after the hull has been removed. (Adopted prior to 1928.)

Ground Rough Rice is ground rice from which the hull has not been removed or ground paddy rice. (Adopted prior to 1928.)

Rice Stone Bran is the siftings from the material secured in removing hulls from rice and contains rice germs, broken rice, and some rice hulls. (Adopted prior to 1928.)

Rice Huller Bran is a product secured by the huller and cones from brown rice and consists mostly of the bran and germs. (Adopted prior to 1928.)

Screenings

Screenings consist of a mixture of mill or elevator run materials or a combination of varying amounts of materials obtained in the process of cleaning grain or seed, either or both, such as inferior, light, or broken grain or seed, weed seeds, hulls, chaff, joints, straw, elevator dust, floor sweepings. They must be relatively free of unpalatable or injurious weed seeds, sand, and dirt. They must not contain more than 14 per cent of fiber or more than 6.50 per cent of ash. If they bear a name descriptive of their kind or origin, they must correspond thereto. (Adopted 1935.)

Screenings—Grain consist of inferior, light, or broken grain or seed obtained in the process of cleaning grain or seed or recleaning screenings, either or both. They must be relatively free of weed seeds, chaff, straw, hulls, joints, sand, and dirt, and other foreign materials. If they bear a name descriptive of their kind or origin, they must correspond thereto. (Adopted 1935.)

Screenings Waste or Screenings Refuse is a mixture of materials of little or no feeding value, or injurious as a feed, obtained in the process of cleaning grain or seed, either or both, or recleaning screenings, such as weed seeds which may be unpalatable or injurious, chaff, hulls, straw, sticks, joints, elevator dust, floor sweepings, sand, and dirt. (Adopted 1935.)

Scourings consist of such portions of the cuticle, brush, white caps, dust, smut, and other materials as are separated from the grain in the usual commercial process of scouring. (Adopted prior to 1928.)

NOTE—If to any of the wheat by-product feeds there should be added screenings or scourings—as above defined, either ground or unground, bolted or unbolted, such brand shall be so registered, labeled and sold as

clearly to indicate this fact. The word "Screenings," or "Scourings," as the case may be, shall appear as part of the name or brand and shall be printed in the same size and face of type as the remainder of the brand name. When the word "Screenings" appears it is not necessary to show also on the labeling the word "Scourings." (Adopted prior to 1928.)

The crude fiber standards as shown in the definitions for wheat products apply also if screenings are added. (Adopted 1937.)

Sorghum Products

Head Chop is the product consisting of the entire heads of the grain sorghums, chopped, and should bear the name of the sorghum from which it is made. This includes, among others, kafir head chop, milo head chop, feterita head chop, and sorghum head chop. (Adopted prior to 1928.) (See Table 8 for standards.)

Head Stems is the product consisting of the stems from the heads of the grain sorghums after the grain has been removed, and should bear the name of the sorghum from which it is made. (Adopted prior to 1928.)

Soybean Products

Ground Soybeans is the product obtained by grinding whole soybeans without cooking or removing any of the oil. (Adopted 1933.)

----- **Per Cent Protein Soybean Oil Cake or Soybean Oil Chips** is the product obtained by crushing, cooking and removing part of the oil from soybeans. (Adopted 1933.)

----- **Per Cent Protein Soybean Oil Meal** is ground soybean oil cake or ground soybean oil chips. (Adopted 1933.)

Wheat Products

Wheat Bran is the coarse outer covering of the wheat kernel as separated from cleaned and scoured wheat in the usual process of commercial milling. (Adopted prior to 1928.) Standard: It must contain not less than 14.50 per cent of crude protein and 3 per cent of crude fat, and not more than 10 per cent of crude fiber.

Wheat Red Dog is a by-product obtained in the usual commercial process of flour milling, consisting principally of aleurone with small quantities of wheat flour and fine wheat bran particles and must not contain more than 4 per cent of crude fiber. (Adopted prior to 1928.)

Wheat Brown Shorts consists mostly of the fine particles of wheat bran, wheat germ, and very little of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual commercial process of milling. (Adopted prior to 1928.) Standard: It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 7.5 per cent of crude fiber.

Wheat Gray Shorts (Total Shorts) consists of the fine particles of the outer bran, the inner bran or bee-wing bran, the germ and the offal, or fibrous material obtained from the "tail of the mill." This product must be obtained in the usual process of commercial milling. (Adopted prior to 1928.) Standard: It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 6 per cent of crude fiber.

Wheat White Shorts consists of a small portion of the fine wheat bran particles and the wheat germ and a large portion of the fibrous offal obtained from the "tail of the mill." This product must be obtained in the usual process of flour milling. (Adopted prior to 1928.) Standard: It must contain not less than 14.5 per cent of crude protein and 3 per cent of crude fat, and not more than 3.5 per cent of crude fiber.

Wheat Mixed Feed consists of wheat bran and the gray or total shorts combined in the proportions obtained in the usual process of commercial milling. (Adopted prior to 1928.) Standard: It must contain not less than 15 per cent of crude protein and 3.5 per cent of crude fat, and not more than 8.5 per cent of crude fiber.

Wheat Low-Grade Feed Flour is a by-product obtained in the usual commercial process of flour milling, consisting principally of wheat flour with small quantities of aleurone and fine wheat bran particles and must not contain more than 1.5 per cent of crude fiber. (Adopted prior to 1928.)

Wheat Chop is the entire berry of sound wheat, chopped. Standard: It must contain not less than 12 per cent of crude protein and 2 per cent of crude fat, and not more than 3 per cent of crude fiber.

Miscellaneous Products

Palm Kernel Oil Meal is the ground residue from the extraction of part of the oil by pressure or solvents from the kernel of the fruit of *Elaeis guineensis* or *Elaeis melanococca*. (Adopted prior to 1928.)

Ground Velvet Bean and Pod is the product derived by grinding velvet beans with the pod. It contains no additional pods or other materials. (Adopted prior to 1928.)

Velvet Bean Meal is ground velvet beans containing only an unavoidable trace of hulls or pods. (Adopted prior to 1928.)

..... **Per Cent Protein Coconut Oil Meal** or **Per Cent Protein Copra Oil Meal** is the ground residue from the extraction of part of the oil from the dried meat of the coconut. (Adopted prior to 1928.)

Ivory Nut Meal is the ground waste material resulting from the manufacture of buttons and similar articles from the vegetable ivory nut. (Adopted prior to 1928.)

Processed Garbage is composed of dried animal and vegetable waste from garbage collected sufficiently often that harmful decomposition has not set in, and separated from materials such as crockery and glass. Its odor must not be suggestive of the presence of decomposition and it must contain less than one per cent of glass. None of it shall contain knife-like or needle-like particles, and the maximum percentage of glass should be stated on the label when present in excess of one-fifth of one per cent. (Adopted prior to 1928.)

Chop is a ground or chopped feed composed of one or more different cereals or by-products thereof. If it bears a name descriptive of the kind of cereals, it must be made exclusively of the entire grains of those cereals. (Adopted prior to 1928.)

Dried Beet Pulp is the dried residue from sugar beets which have been cleaned and freed from crowns, leaves, and sand, and which have been extracted in the process of manufacturing sugar. (Adopted prior to 1928.)

Iodized Salt is common salt (NaCl) containing not less than 0.015 per cent of iodine, uniformly distributed. (Adopted 1937.)

TENTATIVE DEFINITIONS

These definitions have received favorable consideration, but are not official. They are subject to revision before final adoption.

T-1. **Animal Charcoal or Bone Black** is the product obtained by charring bones in closed retorts, containing not less than 14.75 per cent of phosphorus (P).

T-2. **Spent Bone Black** is the product resulting from the repeated charring of bone black or animal charcoal after use in clarifying sugar solutions. It shall contain at least 11.50 per cent of phosphorus (P).

T-3. **Antirachitic Oil** is an oil recognized as a satisfactory source of vitamin D obtained from fish or parts thereof. This term will be recognized only in the declaration of ingredients in a proprietary feed. The name of the specific oil may be used in lieu of this name if desired.

T-4. **Feeding Beet Molasses** is a by-product of the manufacture of beet sugar from sugar beet and should contain 48 per cent or more of total sugars, expressed as invert sugar, and not more than 27 per cent of moisture.

T-5. **Feeding Cane Molasses** is a by-product of the manufacture of cane sugar from cane and should contain 48 per cent or more of total sugars, expressed as invert sugar, and not more than 27 per cent of moisture.

T-6. **Feeding Corn Sugar Molasses** is the final molasses obtained from the manufacture of corn sugar and separated either by hydraulic pressure or centrifugal action. It should contain at least 51 per cent of sugar as dextrose and total carbohydrates of at least 72 per cent.

T-7. Feeding Oat Meal is a product obtained in the manufacture of rolled oat groats or rolled oats and consists of broken rolled oat groats, oat groat chips, and floury portions of the oat groats, with only such quantity of finely ground oat hulls as is unavoidable in the usual process of commercial milling. It must not contain more than 4 per cent of crude fiber.

T-8. Cut Oat Groats, Cracked Oat Groats, or Ground Oat Groats is the product produced by cutting, cracking, or grinding oat groats.

T-9. Yeast is a product composed of living or dead cells of *saccharomyces cerevisiae* with impurities not exceeding commercial grade and shall contain at least 45 per cent protein on the moisture-free basis. Other products of low protein content containing live yeast, which are fed fermented or unfermented, are proprietary feeds and shall be designated as yeast cultures.

T-10. Irradiated Yeast is yeast which has been irradiated in order to increase its antirachitic potency and shall contain at least 45 per cent protein on the moisture-free basis.

(NOTE)—If yeast or irradiated yeast consists of bakers' type yeast, the term "baker's type" shall precede the word yeast, if it consists of brewers' type yeast the term "brewers' type" shall precede the word yeast.

T-11. Fortified Cod Liver Oil is cod liver oil mixed with other suitable fish oils and/or fish oil concentrates so as to contain not less than 400 Association of Official Agricultural Chemists' chick units of vitamin D per gram and shall be labeled with the minimum guarantee of vitamin A potency in terms of U. S. P. units of vitamin A per gram.

T-12. Rice Polishings is a by-product of rice obtained in the milling operation of brushing the grain to furbish the kernel.

T-13. Lespedeza Hay Meal is the product obtained from the grinding of the entire lespedeza hay, without the addition of any lespedeza stems, lespedeza straw or foreign material, or the abstraction of leaves. It must be reasonably free from other crop plants and weeds, and must not contain more than 28 per cent of crude fiber.

T-14. Lespedeza Stem Meal or Lespedeza Straw Meal is the ground product remaining after the separation of the leafy material or the separation of the seed from lespedeza hay or meal. It must be reasonably free from other crop plants and weeds.

T-15. Munsell Color Standard for Cottonseed Cake and Meal, Prime Quality. Whenever in the definitions reference is made to color of cottonseed cake or cottonseed meal, prime quality, 41 per cent or higher protein cottonseed cake or cottonseed meal shall not be darker in color than Munsell Color Standard "1½ yellow, 5/5," and 36 per cent protein cottonseed cake or cottonseed meal, prime quality, shall not be darker in color than Munsell Color Standard "10 yellow-red 5/5."

(NOTE)—Mr. S. M. Harmon, 1913 Sterick Building, Memphis, Tennessee, has offered to furnish the members of the Association of American Feed Control Officials, Inc. the Cottonseed Meal Color Standards, together with directions for their use.

T-16. **Meat** is the flesh derived from slaughtered mammals and is limited to that part of the striate muscle which is skeletal or that which is found in the tongue, in the diaphragm, in the heart, or in the esophagus, and does not include that found in the lips, in the snout, or in the ears; with or without the accompanying and overlying fat and the portions of skin, sinew, nerve, and blood vessels which normally accompany the flesh. It must be clean and fit for consumption by dogs, cats, or other carnivorous animals. If it bears a name descriptive of its kind it must correspond thereto.

T-17. **Meat By-Products** consist of any part of the carcass of slaughtered mammals other than meat; such as lungs, spleens, kidneys, brains, stomach and intestines free from their contents; provided they are clean and fit for consumption by dogs, cats, or other carnivorous animals. It does not include skin, horns, teeth, hoofs, and bones. If it bears a name descriptive of its kind it must correspond thereto.

(NOTE)—Permission for the immediate use of the definitions for Meat and Meat By-Products is hereby given as specified in Resolution 14.

MINERAL FEEDS

Mixed feeds containing both feed and more than 5 per cent of mineral ingredients require, in addition to the usual declaration of the chemical feed analysis, a declaration of each ingredient contained therein and the minimum percentages of calcium (Ca), phosphorus (P), iodine (I), and the maximum percentage of salt (NaCl) if same be present. If minerals predominate in the mixture, the usual declaration of the chemical feed analysis, with the exception of protein, may be omitted.

In mineral feeds for which no nutritional properties other than those of a mineral nature are claimed, the usual chemical guarantees need not be declared. A declaration should be made of each ingredient contained therein and the minimum percentages of calcium (Ca), phosphorus (P), iodine (I), and the maximum percentage of salt (NaCl) if same be present.

The mineral ingredients should be stated in the common English terms, if any such terms exist.

RESOLUTIONS ADOPTED BY THE ASSOCIATION OF AMERICAN FEED CONTROL OFFICIALS, INC.

The following resolutions have been adopted by the Association of American Feed Control Officials, Inc.:

Resolved, That it is the sense of this Association that we understand the term "Nitrogen-free Extract" to cover the product indicated by the percentage obtained by subtracting from 100 per cent the sum of the percentages of Ash, Moisture, Protein, Fat, and Fiber; (Adopted prior to 1923.)

Resolved, That the term "Carbohydrates" be interpreted to cover the product indicated by the percentage obtained by the addition of the percentages of crude fiber and nitrogen-free extract; (Adopted prior to 1923.)

Resolved, That it is the sense of the Association that a ton of feed be 2,000 pounds, net; (Adopted prior to 1923.)

Resolved, That this Association go on record as opposing the use of second-hand bags unless they are turned wrong side out so that the original stenciling will not be displayed; (Adopted prior to 1923.)

Resolved, That the Association go on record to the effect that the term cracked corn does not apply to degermed cracked corn; (Adopted prior to 1923.)

Resolved, That this Association go on record as condemning the practice of packing feeding stuffs in bags containing 99 pounds net and billing and charging for 100 pounds net; (Adopted 1923.)

Whereas, Linseed Oil Meal is sold more or less on the basis of the protein content, as in the case of cottonseed meal; therefore, be it

Resolved, That the percentage of protein should be prefixed to linseed cake or meal, as is done with cottonseed meal; for example, 34 per cent protein linseed meal; (Adopted 1923.)

Resolved, That it is the sense of this Association that no product sold under a trade or proprietary name be recognized for the purpose of formulating definitions, standards, etc.; (Adopted 1927.)

Resolved, That all mixtures containing mineral ingredients generally regarded as dietary factors essential for the normal nutrition of animals and which are sold or represented for the primary purpose of supplying these minerals as additions to rations in which these same mineral factors may be deficient, be classified as mineral feeds;

Resolved, That all other preparations which are sold or represented primarily for the cure, mitigation, or prevention of disease be classified by this Association as drugs, medicines, or specifics; (Adopted 1926.)

Resolved, That this Association go on record as condemning the use of the word vitamin in a brand name, and as opposing the acceptance of registration of feeds with the word in the brand name; (Adopted 1929.)

Resolved, (a) That it is the sense of this Association that the names of feed materials or their combinations must not be misleading as to the kind, character, and nature of the material or materials;

(b) That the name of each feed material should be stated in its simplest form and in the common English term, if such term exists, omitting all superfluous or ambiguous words;

(c) That if a descriptive name is used, the material must correspond thereto; (Adopted 1930.)

Resolved, That this Association go on record as disapproving any use of artificial colors in the manufacture of feed stuffs; (Adopted 1931.)

Resolved, That this Association go on record as condemning the use of any contraction of the word "vitamin," or any word suggesting vitamin in a brand name, and as opposing the acceptance of registrations of feeds under names which are in conflict with this resolution; (Adopted 1932.)

Resolved, That any material sold primarily as a vitamin D supplement for poultry shall be labeled with a minimum guarantee of vitamin D potency expressed as Association of Official Agricultural Chemists' chick units of vitamin D per gram, determined according to the tentative procedure adopted by the Association of Official Agricultural Chemists, and assuming that one U. S. P. unit of vitamin D in the U. S. Pharmacopoeia "Reference Cod Liver Oil" equals one Association of Official Agricultural Chemists' chick unit. (Adopted 1933; Amended 1935, 1936.)

Resolved, That all tentative definitions should not be used until adopted as official, unless specified action of the Association is taken. (Adopted 1933.)

Resolved, that the Association of American Feed Control Officials request the cooperation of all recognized feed manufacturing associations in submitting for approval any contemplated changes in definitions of feeding stuffs which in any way conflict with the official definitions as adopted by this organization.

It is also requested that wherever practicable any existing conflicting definitions be changed to conform to the official definitions. (Adopted 1934.)

Whereas, Many States which have adopted the Association's definitions for cottonseed products require that a guarantee of fat and crude fiber content in cottonseed meal be made, therefore, for the sake of uniformity of labels and registration, and in such cases where there is no conflict with existing feed laws,

Be it Resolved, That the following guarantee of fat and crude fiber be recommended:

	Crude Fat	Crude Fiber
	Not less than	Not more than
For 36% Protein Cottonseed Meal	4.50%	16.00%
For 41% Protein Cottonseed Meal	5.00%	13.00%
For 43% Protein Cottonseed Meal	5.20%	12.00%

(Adopted 1934.)

Since the term "carbohydrates" is misleading and combines a maximum guarantee of crude fiber with a minimum guarantee of nitrogen-free extract,

Be it Resolved, That the use of the term "carbohydrates" on the uniform registration blank and uniform tags be discontinued. (Adopted 1935.)

TENTATIVE GUARANTIES FOR FEEDS AND ANALYSES FOR CALCULATION PURPOSES

Table 9 shows tentative guaranties for the convenience of manufacturers in registering feeding stuffs for sale in Texas and also analyses which can be used in calculating guaranties of mixed feeds. There will be no objection if manufacturers wish to register under better guaranties if the quality of the feeds justify this action. It is to be understood, however, that manufacturers are responsible for their guaranties and that the Division of Feed Control Service accepts no responsibility for feeds failing to meet the guaranties.

Table 9. Tentative Guaranties and Analyses

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen-free Extract not less than Per Cent
Chopped Alfalfa.....	13.00	1.50	33.00	35.00
Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00
Alfalfa Meal.....	13.00	1.50	33.00	35.00
Alfalfa Stem Meal.....	9.00	0.80	40.00	30.00
Whole Barley Chop.....	11.00	1.50	6.00	65.00
Hulled Barley.....	10.00	2.50	2.50	72.00
Dried Beet Pulp.....	8.00	0.50	22.00	52.00
Blood Meal.....	80.00	1.00	2.00	3.00
Raw Bone Meal.....	23.00	2.00	5.00	0.00
Special Steamed Bone Meal.....	5.00	0.00	3.00	4.00
Brewers' Dried Grains.....	21.00	6.00	18.00	40.00
Buckwheat.....	10.00	2.50	10.00	62.00
Dried Buttermilk.....	32.00	5.00	1.00	35.00
Cocoonut Oil Meal.....	20.00	6.00	12.00	40.00
Corn Bran.....	8.00	5.00	12.00	60.00
Corn Chop.....	9.00	3.50	3.00	70.00
Ear Corn Chop.....	8.20	3.20	8.00	64.00
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00
Corn Cobs.....	2.00	0.50	34.00	50.00
Corn Feed Meal.....	8.00	3.00	3.00	67.00
Corn Germ Meal.....	18.00	7.00	9.00	50.00
Corn Gluten Feed.....	23.00	2.50	7.00	50.00
Corn Gluten Meal.....	40.00	1.00	4.00	40.00
Cotton Burs.....	8.00	2.00	30.00	44.00
45% Protein Cottonseed Cake.....	45.00	6.00	10.00	22.00
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00
Cottonseed Chop.....	20.00	17.00	20.00	25.00
41.12% Protein Cottonseed Feed.....	41.12	5.00	14.00	26.00
38.56% Protein Cottonseed Feed.....	38.56	5.00	18.00	27.00
36% Protein Cottonseed Feed.....	36.00	5.00	22.00	28.00
Cottonseed Hulls.....	4.00	0.70	44.00	40.00
45% Protein Cottonseed Meal.....	45.00	6.00	10.00	22.00
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00
28% Protein Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00
25% Protein Whole-Pressed Cottonseed.....	25.00	6.00	25.00	29.00
Emmer Chop.....	11.00	1.50	10.00	63.00
Feterita Chop.....	11.00	2.80	3.00	69.00
Feterita Head Chop.....	10.00	2.50	8.00	64.00
Feterita Head Stems.....	5.00	1.00	25.00	53.00

Table 9. Tentative Guaranties and Analyses—Continued

Name of Feed	Crude Protein not less than Per Cent	Crude Fat not less than Per Cent	Crude Fiber not more than Per Cent	Nitrogen- free Extract not less than Per Cent
Feterita Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00
Fish Meal.....	60.00	5.00	1.00	1.00
Flax Plant By-Product.....	8.00	4.00	35.00	35.00
Flaxseed.....	22.00	32.00	7.00	23.00
South Texas Prairie Hay.....	4.00	2.00	30.00	47.00
Hegari Chop.....	10.00	2.50	3.00	70.00
Hegari Head Chop.....	8.50	2.50	8.00	65.00
Hegari Head Stems.....	5.00	1.00	25.00	53.00
Hegari Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00
Hominy Feed.....	10.00	6.00	7.00	60.00
Kafir Chop.....	10.00	2.50	3.00	70.00
Kafir Head Chop.....	8.50	2.50	8.00	65.00
Kafir Head Stems.....	5.00	1.00	25.00	53.00
Kafir Heads, Stalks and Stems.....	7.00	2.00	20.00	55.00
34% Protein Linseed Meal.....	34.00	6.00	9.00	35.00
32% Protein Linseed Meal.....	32.00	6.00	9.00	35.00
Meat and Bone Scraps.....	50.00	6.00	3.00	0.00
Mesquite Beans with Pod.....	12.50	2.00	27.50	48.00
Dried Skimmed Milk.....	34.00	0.20	0.00	50.00
Millet Seed.....	11.00	4.00	10.00	57.00
Milo Chop.....	10.00	2.50	3.00	70.00
Milo Head Chop.....	8.50	2.50	8.00	65.00
Milo Head Stems.....	5.00	1.00	25.00	53.00
Milo Heads, Stalks and Stems.....	6.50	1.90	20.00	55.00
Beet Molasses.....	3.50	0.00	0.00	59.00
Cane Molasses.....	2.40	0.00	0.00	65.00
Clipped Oat By-Product.....	6.00	2.00	30.00	35.00
Whole Oat Chop.....	11.00	4.00	12.00	58.00
Oat Groats.....	16.00	6.00	1.50	65.00
Oat Hulls.....	3.00	1.00	30.00	51.00
Oat Meal, Feeding.....	14.50	6.00	4.00	60.00
Oat Mill Feed.....	6.00	2.00	26.00	50.00
Oat Shorts, or Middlings.....	15.00	6.00	1.00	65.00
Oat Straw.....	3.50	2.30	36.80	40.50
45% Protein Peanut Cake.....	45.00	6.00	10.00	23.00
43% Protein Peanut Cake.....	43.00	6.00	12.00	23.00
Peanut Hay.....	10.00	3.50	24.00	44.00
Peanut Hay with Nuts.....	12.00	12.00	25.00	30.00
Peanut Hulls.....	8.00	1.50	55.00	25.00
Peanut Kernels.....	26.00	44.00	3.00	17.00
45% Protein Peanut Meal.....	45.00	6.00	10.00	23.00
43% Protein Peanut Meal.....	43.00	6.00	12.00	23.00
36% Protein Whole-Pressed Peanuts.....	36.00	6.00	22.00	20.00
34% Protein Whole-Pressed Peanuts.....	34.00	6.00	24.00	20.00
Canadian Peas.....	24.00	1.20	5.00	55.00
Cleaned Rice.....	9.00	1.00	1.00	77.00
Rough Rice.....	7.00	1.80	10.00	63.00
Rice Bran.....	11.00	10.00	15.00	42.00
Rice Hulls.....	3.00	0.50	36.00	30.00
Rice Polish.....	11.00	6.00	4.00	55.00
Rice Screenings.....	9.00	3.00	6.00	50.00
Rye Chop.....	10.00	1.50	2.00	72.00
Soybean Oil Meal.....	41.00	6.00	6.00	28.00
Sunflower Seed.....	16.00	21.00	30.00	21.00
Digester Tankage.....	60.00	5.00	3.00	0.00
Velvet Bean Meal.....	22.00	4.50	4.00	51.00
Velvet Beans with Pod.....	17.00	3.50	17.00	48.00
Wheat Bran.....	14.50	3.00	10.00	50.00
Wheat Chop.....	12.00	2.00	3.00	70.00
Wheat Low-Grade Feed Flour.....	14.00	1.50	1.50	70.00
Wheat Red Dog Flour.....	15.00	2.50	4.00	65.00
Wheat Germ.....	30.00	10.00	2.50	45.00
Wheat Mixed Feed.....	16.00	3.50	8.50	52.00
Wheat Screenings.....	12.50	2.50	6.00	65.00
Wheat Brown Shorts.....	17.50	4.50	7.50	53.00
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00
Wheat White Shorts.....	14.50	3.00	3.50	60.00
Wheat Straw.....	3.00	1.40	37.90	44.00

PURPOSE OF THE TEXAS FEED LAW

The purpose of the Texas Feed Law is to afford protection to manufacturers and purchasers of feeding stuffs in the State of Texas.

Through the rigid enforcement of the law the Division of Feed Control Service furnishes protection against adulterated feed, which has caused many low-grade feeds to be withdrawn from the market. Consumers have become better acquainted with the value of various materials used for feeding animals, and they are enabled to purchase feeds more profitably than before the feed law was enacted. By comparing the ingredients, analyses, and prices of various feeds, the purchaser is enabled to determine for himself which feeding stuff is best suited for his particular need. If he should have any difficulty in this regard he may write to the Division for additional information.

The honest manufacturer of feeding stuffs is protected by the development and impartial enforcement of uniform standards and definitions which have a tendency to eliminate unfair competition. Every manufacturer is expected to comply with the law, not only for the sake of compliance, but because in the long run it is the wiser course. The manufacturer who habitually complies with the law has the confidence of the consumers of the feed and the public in general and avoids the unnecessary expense and the unsavory reputation incident to prosecution for violation.

The following summary of the Texas Feed Law is given for the information of those who are not thoroughly familiar with its provisions:

SUMMARY OF THE TEXAS FEED LAW

1. (a) Feeding stuffs covered by the law:

All materials offered or exposed for sale, or distributed or sold for feeding purposes except those especially excluded.

(b) Feeding stuffs not covered by the law:

Hay and straw, whole seeds or grains of wheat, barley, rye, oats, Indian corn, rice, buckwheat, or broom corn; any other whole or unground grains or seeds.

2. Statements to be printed on official tags securely attached to bags:

- (a) Net weight of package.
- (b) Name of feeding stuff.
- (c) Name and address of manufacturer or importer.
- (d) Place of manufacture.
- (e) Minimum percentage of crude protein.
- (f) Minimum percentage of crude fat.
- (g) Minimum percentage of nitrogen-free extract.
- (h) Maximum percentage of crude fiber.

- (i) Names of ingredients (if a mixed feed).
- (j) Percentage of each ingredient when rice hulls, peanut hulls, corn cobs, oat hulls, cottonseed hulls, or similar substances are present in a mixed feed.

A copy of the Texas Feed Law will be sent to interested persons on request.

RULINGS UNDER THE LAW

The Director of the Texas Agricultural Experiment Station is empowered to adopt such regulations as may be necessary for the enforcement of the Texas Feed Law. In accordance with this provision, regulations have been promulgated and printed in Circular No. 58, Revised, a copy of which will be gladly furnished upon request.

REFUNDS

The Texas Feed Law makes no provision for the payment of refunds to cover deficiencies and although this practice often shows the good intention of the manufacturer, the payment of such refunds will have no bearing on any subsequent action which may be taken in case of violation of the law. The law does not contemplate that the purchaser of a feeding stuff should be required to have an analysis made in order to secure protection. When refunds are paid, manufacturers should always notify the Division to this effect so that proper credit may be given in the table of inspection results, and dealers will be required to prorate them to the purchasers so that the consumers may receive the benefit.

If a refund has been paid during the past year by any given manufacturer and Table 12 does not show this fact it is because the manufacturer did not notify us that refund had been paid. **The payment of refunds never fully remunerates the consumer for being furnished feed which is deficient in valuable nutrients, and manufacturers are advised to be certain in advance that shipments are up to the guaranty in every respect.**

CONTROL OF INTERSTATE SHIPMENTS

In enforcing the law the State has the cooperation and assistance of the United States Department of Agriculture as regards adulterated and misbranded interstate shipments. We have received a commission from the United States Department of Agriculture to collect samples of interstate shipments of feed and practically all such shipments showing a deficiency and adulteration are sampled, not only under the Texas Feed Law, but also under the Federal Food and Drugs Act of 1906. The Federal samples are either analyzed under the direction of Dr. G. S. Fraps, Collaborating Chemist, or forwarded to the Food and Drug Administration Laboratory at New Orleans, Denver, St. Louis, or Washington. The Federal government prosecutes many of the manufacturers of these feeds, but this does not preclude legal action by the Texas Feed Control Service if considered necessary for the protection of Texas consumers.

Cooperation with the Food and Drug Administration of the United States Department of Agriculture has been continued and thus control exercised over interstate shipments of feed as protection to Texas purchasers.

SHIPMENTS WITHDRAWN FROM SALE

All dealers are advised to withdraw from sale shipments of feed which they know do not conform to the requirements of the Texas Feed Law, until such time when they can be legally sold. The dealer is directly responsible if feed in his possession fails to meet the requirements of the law and the same penalty attaches to exposing or offering for sale any unlabeled feed as for selling the same. The dealer should always be a law-abiding citizen and voluntarily withdraw from sale all untagged shipments and those which he knows or suspects are adulterated or misbranded and then write to the Division of Feed Control Service for instructions and its cooperation.

Table 10 shows the summary of the feeds withdrawn from sale during the year ended August 31, 1938, and gives the number of shipments withdrawn, the amounts, and the special reasons for their withdrawal from sale. It also shows the number of manufacturers represented.

Shipments found untagged by the inspectors were required to be labeled with tags furnished by the manufacturers. Improperly labeled shipments were relabeled with official tags properly printed, or with tags showing guaranties that could be maintained, and, in still other cases, shipments were returned to the manufacturer. The sales of goods below guaranties were adjusted, in practically all instances, by manufacturers paying refunds to dealers and consumers when the deficiencies were sufficient to warrant such action. In all cases when refunds were made to dealers, the dealers were advised to prorate the same among their customers, in so far as possible, so that the ultimate consumer would receive its benefit. Attention is directed to special information on page 42 regarding refunds.

Table 10. Shipments Withdrawn from Sale

No. of Shipments Withdrawn from Sale	No. of Manufacturers Represented	Reasons for Withdrawal from Sale	Amount Withdrawn, Tons
203	156	Not tagged	800
54	35	Deficient in crude protein	363
37	22	Excess of crude fiber	144
26	17	Not registered and not tagged	90
25	20	Tags not printed according to registration	70
28	24	Wrong tags attached	62
17	5	Blank tags attached	40
7	5	Obsolete tags attached	26
31	17	Short weight	21
1	1	Not registered and obsolete tags attached	19
6	6	Not tagged and illegal weight	18
6	4	Information on bags and tags at variance	8
3	2	Damaged feed	7

Table 10. Shipments Withdrawn from Sale—Continued

No. of Shipments Withdrawn from Sale	No. of Manufacturers Represented	Reasons for Withdrawal from Sale	Amount Withdrawn, Tons
8	8	Not tagged and short weight.....	6
6	5	Mutilated tags attached.....	5
2	2	Not registered.....	3
2	1	Not registered and blank tags attached.....	2
5	1	Deficient in nitrogen-free extract.....	2
1	1	Not registered and incorrectly printed tags attached....	2
1	1	Illegal weight.....	1
1	1	Not registered and mutilated tags attached.....	1
1	1	Information on bags and tags at variance and short weight.....	1
1	1	Mutilated tags attached, illegal weight and information on bags and tags at variance.....	1
472	336	Total.....	1,692

VIOLATIONS

During the year covered by this report seven complaints were filed with county attorneys against manufacturers violating certain provisions of the Texas Feed Law. Each of these cases was settled by payment of fine and docket costs.

Twenty-eight firms were cited for hearings to be held in the office of this Division for the purpose of presenting evidence to show cause why they should not be prosecuted for violating the law. Eighteen of these firms sent representatives to the hearings and ten answered the citations by letters. Upon presentation of the evidence such action was taken as seemed advisable.

Six hundred and four minor complaints were adjusted through correspondence, together with the assistance of the inspectors. These complaints consisted of untagged shipments of feed; improperly labeled shipments; incorrectly printed tags attached to packages of feed; short weights; deficiency in crude protein; excess of crude fiber, and other minor irregularities.

PROTEIN CONTENT OF COTTONSEED PRODUCTS SOLD IN TEXAS

Table 11 shows the minimum, maximum, and average content of crude protein in the cottonseed products inspected during the year ended August 31, 1938. It will be noticed that in many instances the minimum percentage of protein is much less than the guaranty. Whenever the guaranty is not maintained the provisions of the Texas Feed Law have been violated although the average per cent of crude protein may exceed the amount guaranteed. From Texas cottonseed it is possible to produce cottonseed meal and cake of high protein content, and it should be the aim of each oil mill to manufacture cottonseed meal and cake containing not less than 43 per cent of crude protein.

RESULTS OF ANALYSES

Tables 12 and 13 contain a detailed report of the results obtained in the inspection of feeds during the season of 1937-38. In these tables will be found the analyses of all the official samples taken by the inspectors, together with the analyses of many samples of feed sent in by manufacturers for registration during the year ended August 31, 1938. Consumers and agents are advised to study this table and purchase from and represent companies which ship feed according to law.

The footnotes at the bottom of the pages refer to matters of importance in connection with the feeds designated, and we advise that they be carefully considered.

SUMMARY

This Bulletin contains a report of the inspection of feeding stuffs sold in the State of Texas during the year which ended August 31, 1938.

In addition to definitions of terms used in reporting analyses of feeding stuffs there is a table showing the average composition of the feeds inspected during the year and also one showing the digestible protein and productive energy of feeds.

A table is given showing the minimum, maximum, and average crude protein content of cottonseed products inspected during the season 1937-38.

Table 3 shows the estimated tonnage of feed sold in Texas yearly during the past thirty-two years as computed from the sale of inspection tags.

The assays of a few vitamin D carriers are given in Table 4.

Reference is made to the hardness of cottonseed cake and a table is given showing the crushing strength of several samples of cottonseed cake sold for feeding purposes.

Table 6 shows the analyses of a few representative samples of cottonseed hulls.

Suggestions are given to purchasers of feed which should aid them in securing the kind of feed desired and buying feed which comes up to the representations of the manufacturers.

The chemical standards for various by-products and special-purpose mixed feeds are given in Table 8.

This Bulletin also contains the definitions of simple feed commodities as adopted by the Division of Feed Control Service and Association of American Feed Control Officials, Inc.

A table is given showing tentative guaranties for feed for the convenience of manufacturers in registering feeding stuffs for sale in Texas, and also analyses which can be used in calculating guaranties of mixed feeds.

The purpose of the Texas Feed Law is explained and a summary of the law is given. Mention is made of regulations promulgated under the provisions of the Texas Feed Law and information is given concerning the payment of refunds and the control of interstate shipments.

Table 10 shows the shipments withdrawn from sale and the reasons for taking this action.

Tables 12 and 13 give a detailed report of the results obtained in the inspection of feeding stuffs during the year ended August 31, 1938.

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min-imum	Max-imum	Average	
Alamo Cotton Oil Mill, San Antonio, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Cake.	43.44	44.40	43.92	2
Cotton Bloom Brand 43% Protein Pebble-Size Cottonseed Cake.			41.71	1
Cotton Bloom Brand 43% Protein Cottonseed Meal.	41.44	43.45	42.35	7
Alamo Gin Company, Falls City, Texas.				
25% Protein Whole-Pressed Cottonseed.			27.46	1
Alice Cotton Oil Company, Alice, Texas.				
43% Protein Cottonseed Meal.	41.90	45.57	43.91	3
28% Protein Whole-Pressed Cottonseed.	27.19	30.00	28.82	4
Amarillo Cotton Oil Company, Amarillo, Texas.				
43% Protein Cottonseed Cubes.	42.15	45.14	43.31	3
43% Protein Cottonseed Meal.	40.73	44.49	42.93	7
Athens Oil Mill, Athens, Texas.				
43% Protein Cottonseed Meal.	43.02	43.60	43.28	3
Austin Oil Manufacturing Company, Austin, Texas.				
43% Protein Cottonseed Meal.	42.36	43.60	43.19	3
Baker Cotton Oil Mill, Altus, Oklahoma.				
28% Protein Ground Whole-Pressed Cottonseed.	28.90	30.10	29.47	3
Beeville Cotton Oil Company, Beeville, Texas.				
43% Protein Cracked Cottonseed Cake.			45.30	1
43% Protein Cottonseed Meal.	43.75	44.20	43.98	2
Brady Cotton Oil Company, Brady, Texas.				
43% Protein Cracked Cottonseed Cake.			43.91	1
43% Protein Pebble-Size Cottonseed Cake.	40.86	41.41	41.14	2
43% Protein Cottonseed Meal.	41.63	43.55	42.59	2
Brazos Valley Cotton Oil Company, Valley Mills, Texas.				
43% Protein Cottonseed Cake.	43.76	43.86	43.81	2
43% Protein Cottonseed Meal.	41.85	43.54	42.70	2
Longhorn Brand 43% Protein Cottonseed Meal.	41.54	42.57	42.06	2
Brazos Valley Cotton Oil Company, Waco, Texas.				
43% Protein Cottonseed Cake.	42.33	43.88	42.99	5
43% Protein Cottonseed Meal.	40.33	43.05	41.89	7

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Brenham Cotton Oil & Manufacturing Company, Bellville, Texas. 25% Protein Whole-Pressed Cottonseed.....			26.70	1
Brenham Cotton Oil & Manufacturing Company, Brenham, Texas. 43% Protein Cottonseed Meal.....	42.48	44.00	43.24	2
Brownwood Cotton Oil Mill, Brownwood, Texas. 43% Protein Cottonseed Cake.....			42.67	1
43% Protein Cottonseed Meal.....	40.65	42.93	41.73	4
Bryan Cotton Oil & Fertilizer Company, Bryan, Texas. 43% Protein Cottonseed Cake.....	42.27	43.83	43.05	2
43% Protein Cottonseed Meal.....	40.43	43.76	42.55	3
Caddo-DeSoto Cotton Oil Company, Inc., Shreveport, Louisiana. 43% Protein Cottonseed Meal.....			43.42	1
Cameron Cotton Oil Company, Cameron, Texas. 43% Protein Cottonseed Cake.....			41.86	1
43% Protein Cottonseed Meal.....	40.92	43.48	42.31	3
Central Texas Oil Company, Mart, Texas. 43% Protein Cottonseed Meal.....	43.05	44.86	43.84	4
Chickasha Cotton Oil Company, Chickasha, Oklahoma. Chickasha Prime 43% Protein Cottonseed Cake.....	42.75	44.62	43.69	2
Chickasha Quality 43% Protein Cottonseed Cake.....			42.22	1
Chickasha Quality 43% Protein Cottonseed Meal.....	42.46	45.31	43.97	3
Chickasha Quality Brand 43% Protein Cottonseed Pellets.....			44.94	1
Chickasha 28% Protein Whole-Pressed Cottonseed..			29.00	1
Childress Cotton Oil Mill, Inc., Childress, Texas. 43% Protein Cottonseed Cake.....	41.61	45.97	44.19	5
43% Protein Cottonseed Cubes.....			42.88	1
43% Protein Cottonseed Meal.....	40.20	45.03	43.09	11
Chillicothe Cotton Oil Company, Chillicothe, Texas. 43% Protein Cracked Cottonseed Cake.....			44.34	1
43% Protein Pebble-Size Cottonseed Cake.....			43.25	1
Clarksville Cotton Oil Company, Clarksville, Texas. Clarko 43% Protein Cottonseed Cake.....			44.32	1
Clarko 43% Protein Cottonseed Meal.....	43.45	45.35	44.36	5
Coleman Cotton Oil Mill, Coleman, Texas. 43% Protein Cottonseed Cake.....	43.33	45.57	44.45	2
43% Protein Cottonseed Meal.....	40.38	44.69	42.42	6
Collin County Cotton Oil Company, McKinney, Texas. 43% Protein Cottonseed Meal.....	43.52	43.77	43.65	2
Commerce Oil Mill Company, Commerce, Texas. 43% Protein Cottonseed Meal.....	42.25	45.64	43.41	3

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Continental Oil-Cotton Company, Colorado, Texas.				
43% Protein Cottonseed Cake.....	40.98	44.66	43.79	8
43% Protein Cottonseed Meal.....	41.00	43.91	42.62	13
Cooper Cotton Oil Company, Cooper, Texas.				
43% Protein Cottonseed Meal.....	43.00	44.33	43.63	3
Corpus Christi Cotton Oil Mill, Corpus Christi, Texas.				
43% Protein Cottonseed Meal.....	42.65	43.49	43.05	3
Coryell County Cotton Oil Company, Gatesville, Texas.				
43% Protein Cottonseed Cake.....			44.47	1
43% Protein Cottonseed Meal.....	40.55	42.86	41.69	5
Crockett Cotton Oil Mill, Crockett, Texas.				
43% Protein Cracked Cottonseed Cake.....	42.50	43.33	42.92	2
43% Protein Cottonseed Meal.....	44.34	44.95	44.61	4
Cuero Cotton Oil & Manufacturing Company, Cuero, Texas.				
43% Protein Cottonseed Meal.....	40.82	43.87	42.49	6
Dallas Oil & Refining Company, Dallas, Texas.				
43% Protein Cottonseed Cake.....			43.30	1
43% Protein Cottonseed Meal.....	41.89	43.80	42.98	4
Dawson Cotton Oil Company, Dawson, Texas.				
43% Protein Cottonseed Cake.....			42.59	1
43% Protein Cottonseed Meal.....	41.02	42.54	41.96	9
Dawson County Cotton Oil Company, Lamesa, Texas.				
28% Protein Whole-Pressed Cottonseed Pellets.....	27.70	31.36	29.53	2
28% Protein Ground Whole-Pressed Cottonseed.....			29.64	1
East Texas Cotton Oil Company, Kaufman, Texas.				
43% Protein Cottonseed Meal.....	41.94	43.85	43.13	3
East Texas Cotton Oil Company, Palestine, Texas.				
43% Protein Cottonseed Meal.....	42.38	44.66	43.36	6
East Texas Cotton Oil Company, Terrell, Texas.				
43% Protein Cottonseed Cake.....			42.47	1
43% Protein Cottonseed Meal.....	42.78	44.59	43.82	6
East Texas Cotton Oil Company, Tyler, Texas.				
43% Protein Cottonseed Meal.....	41.75	45.35	43.05	6
Elgin Cotton Oil Company, Elgin, Texas.				
43% Protein Cottonseed Meal.....	41.24	43.18	42.45	5
Elk Cottonoil Co., Elk City, Oklahoma.				
Elko Brand 43% Protein Cottonseed Meal.....			39.30	1
El Paso Cotton Industries, Inc., El Paso, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake.....			42.08	1
Paymaster Brand 43% Protein Cottonseed Meal.....	38.92	45.05	41.25	5

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Farmers Cooperative Oil Mill, El Paso, Texas.				
43% Protein Cracked Cottonseed Cake.....			43.60	1
43% Protein Cottonseed Meal.....	42.63	45.45	44.31	6
43% Protein Cottonseed Pellets.....	40.66	43.29	41.98	2
Farmers Cotton Oil Company, Farmersville, Texas.				
43% Protein Cottonseed Meal.....			43.42	1
Farmers Cotton Oil Company, Texarkana, Texas.				
43% Protein Cottonseed Meal.....	40.60	43.32	42.26	6
Farmers Cotton Oil Company, Winnsboro, Texas.				
43% Protein Cottonseed Meal.....	43.90	45.23	44.41	4
Farmers Cottonseed Products Company, Bartlett, Texas.				
28% Protein Whole-Pressed Cottonseed.....	26.63	27.65	27.23	7
Farmers Cottonseed Products Company, Inc., Granger, Texas.				
43% Protein Cottonseed Cake.....	43.02	44.48	43.75	2
43% Protein Cottonseed Meal.....	42.02	43.09	42.52	3
Farmers Gin Company, Laredo, Texas.				
25% Protein Whole-Pressed Cottonseed.....	27.25	27.46	27.36	2
Farmers & Ginnors Cotton Oil Company, South Texas Cotton Oil Company, Lessee, Austin, Texas.				
43% Protein Cracked Cottonseed Cake.....	43.35	43.36	43.36	2
43% Protein Pebble-Size Cottonseed Cake.....			41.70	1
43% Protein Cottonseed Meal.....	42.23	42.69	42.49	3
Fidelity Products Company, Brownsville, Texas.				
28% Protein Ground Whole-Pressed Cottonseed.....			28.30	1
Fidelity Products Company, Houston, Texas.				
43% Protein Cottonseed Meal.....	42.36	43.53	43.14	5
Flatonia Oil Mill Company, Flatonia, Texas.				
43% Protein Cottonseed Meal.....	43.39	44.60	44.25	4
Fort Worth Cotton Oil Mill, Fort Worth, Texas.				
43% Protein Cottonseed Meal.....	42.95	44.01	43.60	3
Fuller Cotton Oil Company, Snyder, Texas.				
43% Protein Cottonseed Cake.....	41.65	45.90	43.37	3
43% Protein Cottonseed Meal.....	41.55	46.31	43.34	7
Gainesville Oil Mill, Gainesville, Texas.				
Golden Rod Brand 43% Protein Cottonseed Meal.....			42.18	1
Georgetown Oil Mill, Georgetown, Texas.				
28% Protein Whole-Pressed Cottonseed.....	26.57	28.62	27.37	3
Gilmer Cotton Oil & Fertilizer Company, Gilmer, Texas.				
43% Protein Cottonseed Meal.....	38.55	43.25	41.29	8

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Gonzales Cotton Oil & Manufacturing Company,				
Gonzales, Texas.				
43% Protein Cottonseed Cake.....	43.69	44.96	44.33	2
43% Protein Cottonseed Meal.....	41.56	44.07	42.67	8
Grande Rio Cotton Oil Company,				
Hebbronville, Texas.				
28% Protein Whole-Pressed Cottonseed.....			30.26	1
Greenville Cotton Oil Company,				
Greenville, Texas.				
43% Protein Cottonseed Meal.....	42.67	43.69	43.08	7
Hamilton Cotton Oil Company,				
Hamilton, Texas.				
43% Protein Cottonseed Cake.....	43.12	44.05	43.59	2
43% Protein Cottonseed Meal.....	39.41	42.72	41.07	2
Hamilton Cotton Oil Company,				
Shreveport, Louisiana.				
43% Protein Cottonseed Cake.....			43.22	1
43% Protein Cottonseed Meal.....	41.88	44.10	43.22	6
41.12% Protein Ground Cottonseed Feed.....			39.56	1
Harlingen Cotton Oil Mill,				
Harlingen, Texas.				
43% Protein Cottonseed Meal.....	42.90	44.82	43.69	6
43% Protein Cottonseed Pellets.....			42.55	1
Hill County Cotton Oil Company,				
Hillsboro, Texas.				
43% Protein Cottonseed Cake.....			41.94	1
43% Protein Pea-Size Cottonseed Cake.....	42.61	44.48	43.55	2
43% Protein Cottonseed Meal.....	42.44	43.71	43.22	4
Honey Grove Cotton Oil Company, The,				
Honey Grove, Texas.				
43% Protein Cottonseed Meal.....	42.62	43.81	42.99	5
Houston Cotton Oil Mill,				
Houston, Texas.				
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	41.56	43.28	42.40	6
Jackson County Cotton Oil Company,				
Ganado, Texas.				
Jaco 28% Protein Whole-Pressed Cottonseed.....			30.99	1
Jayton Cotton Oil Mill,				
Jayton, Texas.				
43% Protein Cottonseed Cake.....	42.37	43.96	43.20	3
43% Protein Cottonseed Meal.....	41.95	44.10	43.20	7
Chuck Wagon Brand 43% Protein Cottonseed Pellets.....	40.75	43.91	42.14	3
Josey-Miller Company, Inc.,				
Beaumont, Texas.				
43% Protein Cottonseed Meal.....	40.05	44.43	41.77	3
Kenedy Cotton Oil Mill,				
Kenedy, Texas.				
43% Protein Cottonseed Cake.....	43.49	44.70	44.10	2
43% Protein Cottonseed Meal.....	40.83	44.66	42.23	10
Kimbell Oil Mill, The,				
Huntsville, Texas.				
43% Protein Cottonseed Meal.....	41.99	42.01	42.00	2
Kimbell Oil Mill, The,				
Sherman, Texas.				
43% Protein Cottonseed Cake.....	45.00	47.15	45.95	4
43% Protein Cottonseed Meal.....	43.05	45.97	44.70	4

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
LaGrange Cotton & Oil Manufacturing Company, LaGrange, Texas. 43% Protein Cottonseed Meal.....			43.14	1
Lamar Cotton Oil Company, The, Paris, Texas. 43% Protein Cottonseed Meal.....	42.16	43.02	42.53	4
Lavaca Oil Company, Hallettsville, Texas. 43% Protein Cottonseed Meal.....	41.68	43.19	42.44	2
Lockhart Oil & Gin Company, Lockhart, Texas. 43% Protein Cottonseed Meal.....	42.51	43.81	43.07	4
Longview Cotton Oil Company, Longview, Texas. 43% Protein Cottonseed Meal.....	43.02	44.57	43.80	2
Lubbock Cotton Oil Company, Lubbock, Texas. 43% Protein Cottonseed Cake.....	43.46	44.29	43.92	4
43% Protein Cottonseed Cubes.....	42.94	44.03	43.59	3
43% Protein Cottonseed Meal.....	43.08	45.16	44.04	7
McCulloch County Cotton Oil Mill, Brady, Texas. Cotton Bloom Brand 43% Protein Cottonseed Cake..	42.75	43.23	42.91	3
Cotton Bloom Brand 43% Protein Cottonseed Meal..	42.94	44.68	43.61	3
Magnolia Provision Company, Houston, Texas. 43% Protein Cottonseed Cake.....			42.54	1
43% Protein Cottonseed Meal.....	42.21	42.88	42.47	3
Marlin Oil Company, The, Marlin, Texas. 43% Protein Cottonseed Cake.....	41.86	45.57	43.66	5
43% Protein Cottonseed Meal.....	40.29	44.43	42.10	9
Marshall Cotton Oil Company, Marshall, Texas. 43% Protein Cottonseed Meal.....	41.45	45.00	43.79	6
Memphis Cotton Oil Company, Memphis, Texas. 43% Protein Cottonseed Cake.....	41.90	44.05	43.08	4
43% Protein Cottonseed Meal.....	40.52	41.56	40.90	3
43% Protein Cottonseed Pellets.....	38.85	43.72	40.66	3
Merchants & Planters Oil Company, Houston, Texas. 43% Protein Cottonseed Meal.....	42.78	43.95	43.42	3
Midlothian Oil & Gin Company, Midlothian, Texas. 43% Protein Cottonseed Meal.....	41.47	44.19	42.77	7
Moulton Oil & Gin Company, Moulton, Texas. 43% Protein Cottonseed Meal.....	46.19	46.63	46.41	2
Mount Pleasant Oil Mill, Mount Pleasant, Texas. 43% Protein Cottonseed Meal.....	42.00	42.98	42.55	3
Munger Cotton Oil Company, Mexia, Texas. 43% Protein Cottonseed Meal.....	42.29	45.52	43.69	5

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min-imum	Max-imum	Average	
Munger Cotton Oil Company, Teague, Texas.				
43% Protein Cottonseed Cake.....	43.26	43.86	43.56	2
43% Protein Cottonseed Meal.....	42.43	44.57	43.41	5
Nacogdoches Oil Mill, The, Nacogdoches, Texas.				
Lone Star Brand 43% Protein Cottonseed Meal.....	40.73	43.41	42.17	10
Navarro Cotton Oil Company, Corsicana, Texas.				
Navarro Brand 43% Protein Cottonseed Meal.....	41.25	42.89	42.31	4
Nocona Oil Mill, Nocona, Texas.				
28% Protein Whole-Pressed Cottonseed.....	29.00	29.48	29.24	2
Nutty Brown Mills, Houston, Texas.				
35% Protein Cottonseed Meal Screenings.....			35.63	1
Oil Mill & Fertilizer Works, Henderson, Texas.				
43% Protein Cracked Cottonseed Cake.....			42.96	1
43% Protein Cottonseed Meal.....	39.58	43.70	41.95	8
Opelousas Oil Mill, Opelousas, Louisiana.				
43% Protein Cottonseed Cake.....			45.19	1
Otis Gin & Warehouse Company, Loving, New Mexico.				
43% Protein Cottonseed Cake.....			43.45	1
43% Protein Cottonseed Meal.....	42.35	44.38	43.62	3
Peoples Cotton Oil Company, Wharton, Texas.				
43% Protein Cottonseed Meal.....			42.20	1
25% Protein Whole-Pressed Cottonseed.....			29.79	1
Pincoffs Company, Maurice, Houston, Texas.				
Pinco Brand 43% Protein Cottonseed Meal.....	37.20	42.19	39.70	2
Pittsburg Cotton Oil Company, Pittsburg, Texas.				
43% Protein Cottonseed Meal.....	43.01	43.24	43.13	2
Plains Cooperative Oil Mill, Lubbock, Texas.				
43% Protein Cottonseed Cake.....			40.62	1
43% Protein Cottonseed Meal.....	41.69	44.31	42.64	5
Planters Cotton Oil Company, Weatherford, Texas.				
43% Protein Cottonseed Meal.....			42.16	1
Planters Cotton Oil Company of Dallas, Dallas, Texas.				
Golden Rod Brand 43% Protein Cottonseed Meal...	40.56	42.96	41.79	9
Planters Cotton Oil Mill, Ennis, Texas.				
43% Protein Cottonseed Cake.....	43.35	43.43	43.39	2
43% Protein Cottonseed Meal.....	43.35	44.75	44.14	5
Quanah Cotton Oil Company, Quanah, Texas.				
43% Protein Cottonseed Cake.....	42.95	45.70	44.63	4
43% Protein Cottonseed Cubes.....	43.49	45.27	44.14	4
43% Protein Cottonseed Meal.....	43.11	44.06	43.59	3

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Red River Cotton Oil Company, Inc., Alexandria, Louisiana. 41.12% Protein Ground Cottonseed Feed.....			38.62	1
Richmond Cotton Oil Company, Inc., Richmond, Texas. 43% Protein Cracked Cottonseed Cake.....			42.56	1
43% Protein Cottonseed Meal.....	41.67	44.88	43.37	4
Rio Grande Valley Cotton Oil Company, Clint, Texas. 43% Protein Cottonseed Cake.....	41.63	43.86	43.10	6
43% Protein Cottonseed Meal.....	39.88	43.92	42.66	12
Robstown Oil Mill, Robstown, Texas. 43% Protein Cottonseed Meal.....	42.67	43.52	43.03	5
Rosebud Oil & Cotton Company, Rosebud, Texas. 43% Protein Cottonseed Cake.....	42.87	44.33	43.60	2
43% Protein Cottonseed Meal.....	42.02	42.81	42.42	2
Rule Cotton Oil Mill, Rule, Texas. 43% Protein Cottonseed Cake.....	42.92	43.95	43.37	3
43% Protein Cottonseed Meal.....	43.13	44.33	43.73	2
San Antonio Oil Works, San Antonio, Texas. 43% Protein Cottonseed Meal.....	42.01	43.67	42.69	5
San Marcos Oil Mill, San Marcos, Texas. 43% Protein Cracked Cottonseed Cake.....			43.86	1
43% Protein Cottonseed Meal.....	43.12	44.53	43.79	4
Schumacher Oil Works, The H., Navasota, Texas. 43% Protein Cottonseed Meal.....	42.24	43.62	42.72	3
Sealy Oil Mill & Manufacturing Company, Sealy, Texas. 43% Protein Cottonseed Meal.....	41.72	43.56	42.62	4
Seguin Cotton Oil Company, The, Seguin, Texas. 43% Protein Screened Cracked Cottonseed Cake....	43.33	43.99	43.66	2
43% Protein Cottonseed Meal.....	42.88	44.41	43.34	4
Shiner Oil Mill & Manufacturing Company, Shiner, Texas. 43% Protein Cottonseed Meal.....	44.57	46.78	45.68	3
Smithville Oil Mill Company, Smithville, Texas. 43% Protein Cottonseed Meal.....	42.09	43.46	42.78	2
41.12% Protein Ground Cottonseed Feed.....			42.85	1
Southland Cotton Oil Company, Corsicana, Texas. 43% Protein Screened Cracked Cottonseed Cake....	42.74	44.26	43.45	6
43% Protein Cottonseed Meal.....	40.66	46.10	42.50	15
Southland Cotton Oil Company, Paris, Texas. Southland's 43% Protein Cottonseed Meal.....	42.58	44.30	43.13	5

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Southland Cotton Oil Company, Shreveport, Louisiana.				
43% Protein Cottonseed Meal.....	43.18	44.56	43.87	4
41.12% Protein Ground Cottonseed Feed.....			41.12	1
Southland Cotton Oil Company, Temple, Texas.				
43% Protein Cottonseed Cake.....	43.62	44.10	43.86	2
43% Protein Cottonseed Meal.....	42.57	44.55	43.70	4
Southland Cotton Oil Company, Waxahachie, Texas.				
43% Protein Cottonseed Cake.....	39.61	42.23	40.93	3
43% Protein Cottonseed Meal.....	40.27	43.50	41.88	15
South Texas Cotton Oil Company, Brownsville, Texas.				
28% Protein Whole-Pressed Cottonseed.....			28.71	1
28% Protein Ground Whole-Pressed Cottonseed.....	28.02	28.72	28.37	2
South Texas Cotton Oil Company, Corpus Christi, Texas.				
43% Protein Cottonseed Meal.....	41.66	43.74	42.69	5
41.12% Protein Ground Cottonseed Feed.....			40.77	1
South Texas Cotton Oil Company, Harlingen, Texas.				
43% Protein Cottonseed Meal.....	42.23	42.86	42.55	2
28% Protein Ground Whole-Pressed Cottonseed.....	28.61	29.04	28.83	2
South Texas Cotton Oil Company, Hearne, Texas.				
43% Protein Cracked Cottonseed Cake.....	42.43	43.90	43.17	2
43% Protein Cottonseed Meal.....	40.22	43.37	42.06	8
South Texas Cotton Oil Company, Houston, Texas.				
43% Protein Cottonseed Meal.....	42.11	42.15	42.13	3
South Texas Cotton Oil Company, Taylor, Texas.				
43% Protein Pea-Size Cottonseed Cake.....	42.95	45.25	44.17	3
43% Protein Sheep-Size Cottonseed Cake.....			44.78	1
43% Protein Cottonseed Meal.....	42.28	43.10	42.69	2
South Texas Cotton Oil Company, Victoria, Texas.				
43% Protein Cracked Cottonseed Cake.....			45.19	1
43% Protein Cottonseed Meal.....	42.03	44.36	42.65	6
Stamford Cotton Oil Mill, Stamford, Texas.				
Chuck Wagon Brand 43% Protein Cottonseed Cake.....			43.65	1
Chuck Wagon Brand 43% Protein Cottonseed Meal.....	41.33	45.11	43.45	7
Chuck Wagon Brand 43% Protein Cottonseed Pellets.....			41.07	1
Sulphur Springs Cotton Oil Company, Sulphur Springs, Texas.				
43% Protein Cottonseed Meal.....	41.17	44.56	43.14	6
Sweetwater Cotton Oil Company, Sweetwater, Texas.				
43% Protein Cottonseed Cake.....	42.57	44.44	43.48	7
43% Protein Cottonseed Cubes.....	42.11	45.18	43.68	5
43% Protein Cottonseed Meal.....	41.82	45.68	43.19	18
Taft Cotton Oil Company, Taft, Texas.				
43% Protein Cottonseed Meal.....	42.74	43.36	43.12	3

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min-imum	Max-imum	Average	
Temple Cotton Oil Company, Ashdown, Arkansas. 43% Protein Cottonseed Meal.....			43.55	1
Texarkana Cotton Oil Corporation, Texarkana, Arkansas-Texas. 43% Protein Cottonseed Meal.....	41.60	45.10	43.15	4
Texas Cotton Industries, Marfa, Texas. 28% Protein Whole-Pressed Cottonseed.....	28.73	28.80	28.77	2
Texas Refining Company, Greenville, Texas. 43% Protein Cracked Cottonseed Cake.....			46.95	1
43% Protein Cottonseed Meal.....	42.48	45.33	43.44	5
Thorndale Oil Mill, Inc., Thorndale, Texas. 43% Protein Cottonseed Meal.....	42.42	42.60	42.51	3
Tobian & Company, Louis, Dallas, Texas. 43% Protein Cottonseed Meal.....	41.41	45.52	43.09	6
Navy Brand 41.12% Protein Ground Cottonseed Feed.....			39.35	1
28% Protein Whole-Pressed Cottonseed.....	27.30	28.28	27.79	2
Tornillo Cotton Oil Company, Tornillo, Texas. 28% Protein Ground Whole-Pressed Cottonseed.....	27.33	28.50	27.76	3
28% Protein Whole-Pressed Cottonseed.....			27.99	1
Traders Oil Mill Company, Fort Worth, Texas. 43% Protein Cracked Cottonseed Cake.....	41.66	43.10	42.26	3
43% Protein Cottonseed Meal.....	42.64	46.47	44.63	4
43% Protein Cottonseed Pellets.....	41.62	42.41	42.04	3
Transit Milling Company, Galveston, Texas, and Branches. 43% Protein Cottonseed Meal.....			41.37	1
Travis Oil Mills, Corpus Christi, Texas. 43% Protein Cottonseed Meal.....			41.10	1
Travis Oil Mills, Taylor, Texas. 43% Protein Cottonseed Meal.....	43.20	43.75	43.48	2
Trinity Cotton Oil Company, Dallas, Texas. 43% Protein Cottonseed Meal.....	42.86	44.28	43.29	5
Union Oil Mills, Hubbard, Texas. 43% Protein Cottonseed Meal.....	42.36	43.93	43.33	5
Van Alstyne Cotton Oil Company, Van Alstyne, Texas. 43% Protein Cottonseed Meal.....	44.22	44.74	44.48	2
Vernon Cotton Oil Company, Vernon, Texas. 43% Protein Cottonseed Meal.....			41.75	1
41.12% Protein Ground Cottonseed Feed.....			41.87	1

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
Waco Cotton Oil Mill, Waco, Texas.				
43% Protein Cottonseed Cake.....	43.36	43.97	43.76	3
43% Protein Cottonseed Meal.....	41.76	45.01	43.27	4
Warnken & Sons, A. D., Poth, Texas.				
28% Protein Whole-Pressed Cottonseed.....			28.72	1
Weimar Oil Mill, Inc., Weimar, Texas.				
43% Protein Cottonseed Meal.....			44.40	1
West Cotton Oil Mill, West, Texas.				
43% Protein Cottonseed Cake.....			43.25	1
43% Protein Cottonseed Meal.....	42.70	44.06	43.26	6
West Texas Cottonoil Co., Abilene, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake....			43.10	1
Paymaster Brand 43% Protein Cottonseed Cubes....	42.55	43.34	42.95	2
Paymaster Brand 43% Protein Cottonseed Meal....	41.00	44.95	42.99	7
West Texas Cottonoil Co., Ballinger, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake....	42.53	45.01	43.87	4
Paymaster Brand 43% Protein Cottonseed Meal....	40.49	43.67	41.91	7
West Texas Cottonoil Co., Littlefield, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake....			45.85	1
Paymaster Brand 43% Protein Cottonseed Cubes....			42.83	1
Paymaster Brand 43% Protein Cottonseed Meal....	42.26	43.65	42.66	4
West Texas Cottonoil Co., Munday, Texas.				
Paymaster Brand 43% Protein Cottonseed Meal....	41.18	44.11	42.32	4
West Texas Cottonoil Co., Plainview, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake....	42.82	44.06	43.44	2
Paymaster Brand 43% Protein Cottonseed Cubes....			45.56	1
Paymaster Brand 43% Protein Cottonseed Meal....	42.36	45.39	43.69	4
West Texas Cottonoil Co., San Angelo, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake....	40.92	46.25	43.98	8
Paymaster Brand 43% Protein Cottonseed Meal....	40.08	47.40	43.24	13
Paymaster Brand 43% Protein Cottonseed Pellets....			40.60	1
West Texas Cottonoil Co., Seymour, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake....			42.85	1
Paymaster Brand 41.12% Protein Ground Cotton- seed Feed.....			41.76	1
West Texas Cottonoil Co., Shamrock, Texas.				
Paymaster Brand 43% Protein Cracked Cottonseed Cake.....	38.95	43.40	41.18	2
Paymaster Brand 43% Protein Cottonseed Meal....	39.57	40.01	39.79	2
Paymaster Brand 28% Protein Ground Whole- Pressed Cottonseed.....			28.92	1
Paymaster Brand 28% Protein Whole-Pressed Cottonseed.....			26.42	1

Table 11. Minimum, Maximum, and Average Crude Protein Content of Cottonseed Products, September 1, 1937, to August 31, 1938—Continued

Name and Address of Manufacturer or Importer. Brand Name.	Crude Protein, Per Cent			No. of Samples
	Min- imum	Max- imum	Average	
West Texas Cottonoil Co., Slaton, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake....	41.95	44.38	43.08	11
Paymaster Brand 43% Protein Cottonseed Meal....	40.91	42.92	41.90	4
West Texas Cottonoil Co., Winters, Texas.				
Paymaster Brand 43% Protein Cottonseed Cake....	42.43	43.89	43.16	2
Paymaster Brand 43% Protein Cottonseed Meal....	42.29	45.52	43.92	6
Wharton County Cotton Oil Mill, El Campo, Texas.				
43% Protein Cottonseed Meal.....			44.73	1
Wheeler Cotton Oil Company, Inc., Wheeler, Texas.				
28% Protein Ground Whole-Pressed Cottonseed.....			27.47	1
28% Protein Whole-Pressed Cottonseed Pellets.....	27.26	29.00	28.11	3
Wichita Falls Cotton Oil Company, Wichita Falls, Texas.				
43% Protein Cottonseed Cake.....			42.77	1
43% Protein Cottonseed Meal.....	40.14	43.68	42.35	4
Womble Oil Mill Company, Caldwell, Texas.				
43% Protein Nut-Size Cottonseed Cake.....			43.57	1
43% Protein Cottonseed Meal.....			42.68	1
Wood County Cotton Oil Company, Mineola, Texas.				
43% Protein Cottonseed Meal.....	41.62	44.35	43.14	5
Yorktown Cotton Oil & Manufacturing Company, Yorktown, Texas.				
43% Protein Sheep-Size Cottonseed Cake.....			44.24	1
43% Protein Cottonseed Meal.....	42.93	44.27	43.30	4

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938

(The guaranties are printed in italics following brand names.)

Legend: The italic super-letters in Tables 12 and 13 indicate the following: *a*, Not tagged, but tags furnished. Amount in stock removed from sale until tagged; *b*, Amount in stock removed from sale and relabeled; *c*, Refund paid; *d*, Sampled before registration; *e*, Registration adjusted; *f*, Amount in stock returned to seller; *g*, Not registered; *h*, Amount in stock removed from sale; *i*, Not tagged.

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					Registration or Inspection No.	
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture		Crude Ash
Acme Flour Mills Company, The, Oklahoma City, Oklahoma.							
Wheat Gray Shorts and Screenings...	15.00	3.50	6.00	55.00	11.42	4.69	135C
Analysis <i>e</i>	18.62	4.04	6.19	55.04	11.42	4.69	127T
Wheat Gray Shorts and Screenings...	16.00	3.50	6.00	55.00	11.56	3.26	135C
Analysis.....	17.00	3.40	4.09	60.69	11.56	3.26	432W
Ada Milling Company, Ada, Oklahoma.							
Wheat Gray Shorts.....	16.00	3.50	6.00	55.00	10.28	3.71	1015E
Analysis.....	16.70	3.67	6.16	59.48	10.28	3.71	72H
Analysis <i>e</i>	17.90	3.97	4.64	60.22	10.05	3.22	16W
Wheat Gray Shorts.....	17.00	3.50	6.00	55.00	10.68	3.59	1015E
Analysis.....	16.11	3.55	4.89	61.18	10.68	3.59	396F
Winner Brand Egg Mash.....	18.50	3.80	6.30	49.00	8.30	10.68	1015A3
Analysis.....	18.90	4.92	7.00	50.20	8.30	10.68	451F
Hot-Shot Mixed Feed.....	17.00	3.00	9.00	50.00	9.17	4.61	1015P9
Analysis.....	17.10	3.67	8.27	56.88	9.22	4.66	47F
Analysis.....	17.10	4.11	7.87	57.04	9.22	4.66	71H
Analysis.....	16.29	3.82	7.79	55.62	11.77	4.71	203W
Analysis.....	16.75	3.92	8.09	55.96	10.63	4.65	318W
Ahrens, A. F., Karnes City, Texas.							
Master Brand Laying Mash with Charcoal and Iron Oxide.....	18.50	3.60	7.00	47.00	9.80	9.91	2472J
Analysis.....	20.50	4.73	5.82	49.24	9.80	9.91	221H
Alameda Fuel & Grain Company, El Paso, Texas.							
Alameda "Keeno" Mash with Charcoal.....	15.50	4.00	7.00	55.00	6.93	7.73	165B
Analysis.....	18.53	5.14	6.90	54.77	6.93	7.73	13S
Alamo Cotton Oil Mill, San Antonio, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	6.87	5.14	606D
Analysis.....	42.73	7.43	11.02	26.81	6.61	5.98	10H
Analysis.....	42.58	8.00	11.74	25.09	6.61	5.98	103H
Analysis <i>b c</i>	41.44	7.63	12.05	26.87	6.43	5.58	122H
Analysis <i>b c</i>	41.65	6.93	10.48	27.23	8.18	5.53	181H
Analysis.....	43.45	7.68	10.22	25.84	7.47	5.34	324H
Analysis.....	43.02	7.78	10.08	26.28	7.69	5.15	357H
Cotton Bloom Brand 43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	6.79	5.15	606E
Analysis <i>b c</i>	41.58	6.68	13.00	26.80	6.79	5.15	53H
Analysis.....	43.44	6.88	10.73	26.41	6.98	5.56	104H
Analysis.....	44.40	6.46	10.26	26.53	6.77	5.58	120H
Panther Mixed Feed.....	11.00	1.60	42.50	28.00	7.71	3.28	606N
Analysis.....	10.28	1.74	39.84	37.15	7.71	3.28	54H
Cotton Bloom Brand 43% Protein Pebble-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	7.65	5.40	606O
Analysis <i>e</i>	41.71	7.28	11.06	26.90	7.65	5.40	105H
Alamo Gin Company, Falls City, Texas.							
25% Protein Whole-Pressed Cottonseed.....	25.00	6.00	25.00	29.00	5.43	4.12	590A
Analysis.....	27.46	6.91	24.30	31.78	5.43	4.12	85H

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.
1Cottonseed meal.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Alice Cotton Oil Company, Alice, Texas.							
Stock Feed.....	10.00	1.30	32.00	35.00	.....	.....	1050A
Analysis.....	10.55	.71	30.64	39.06	13.25	5.79	244H
28% Protein Whole-Pressed Cottonseed.							
.....	28.00	5.00	25.00	29.00	.....	.....	1050B
Analysis.....	30.00	5.70	22.31	31.54	6.29	4.16	50H
Analysis.....	29.70	5.61	22.64	31.93	5.81	4.31	163H
Analysis.....	27.19	5.46	26.40	25.33	11.01	4.61	165H
Analysis.....	28.40	5.92	24.03	31.32	5.88	4.45	374H
43% Protein Cottonseed Meal.							
.....	43.00	6.00	12.00	23.00	.....	.....	1050D
Analysis ^{b c}	41.90	7.98	10.54	27.00	6.77	5.81	93H
Analysis.....	45.57	9.95	8.06	25.06	5.85	5.51	101H
Analysis.....	44.25	8.92	9.70	25.56	6.24	5.33	373H
Laying Mash with Iron Oxide.							
.....	18.50	3.50	7.50	47.50	.....	.....	1050H
Analysis.....	20.57	4.74	5.99	48.55	10.56	9.59	245H
Allied Mills, Inc., Chicago, Illinois.							
Alfalfa Meal.....	13.50	1.50	33.00	35.00	.....	.....	2200B
Analysis ^{d a}	15.30	1.69	26.92	34.47	11.73	9.89	231H
Analysis ^{d a}	13.25	1.44	33.76	31.24	10.82	9.49	232H
Allison Coal & Grain Company, Paducah, Texas.							
Sun-Ray Brand Laying Mash.....	18.00	3.50	6.50	48.00	.....	.....	2165B
Analysis.....	20.65	5.15	5.76	50.65	9.27	8.52	188K
Sun-Ray Brand Growing Mash.....	14.50	3.00	5.00	54.00	.....	.....	2165I
Analysis.....	16.40	4.34	4.52	58.35	9.89	6.50	423K
Sun-Ray Brand Chick Starter.....	16.50	3.50	5.50	52.00	.....	.....	2165J
Analysis.....	18.82	4.68	4.96	54.62	9.56	7.36	422K
Alva Roller Mills, The, Alva, Oklahoma.							
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	127A
Analysis.....	18.65	3.86	5.20	59.52	9.20	3.57	359K
Analysis.....	19.15	3.83	5.68	55.84	10.73	4.77	33M
Analysis ^{2 b c}	18.45	4.34	6.62	55.11	10.46	5.02	149M
Analysis.....	18.00	3.73	5.09	57.88	11.57	3.73	382W
Amarillo Cotton Oil Company, Amarillo, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1441B
Analysis.....	43.20	7.70	9.09	27.22	7.24	5.55	218K
Analysis.....	44.49	7.50	9.48	26.41	6.40	5.72	246K
Analysis.....	42.83	8.07	9.19	27.06	6.98	5.87	250K
Analysis.....	42.90	8.46	9.08	27.75	6.17	5.64	277K
Analysis ^{b c}	40.73	6.92	10.17	29.71	6.26	6.21	385K
Analysis ³	42.75	7.18	9.05	28.70	6.58	5.74	389K
Analysis.....	43.60	6.31	9.33	28.83	6.24	5.69	449K
43% Protein Cottonseed Cubes.....	43.00	6.00	12.00	23.00	.....	.....	1441H
Analysis.....	42.65	6.89	11.38	26.76	6.77	5.55	86K
Analysis.....	45.14	7.31	8.58	26.00	7.06	5.91	242K
Analysis ^c	42.15	7.82	9.84	27.97	6.70	5.52	298K
American Butter Company, Kansas City, Missouri.							
Dried Greens-Buttermilk.....	25.00	4.00	15.00	35.00	.....	.....	2042B
Analysis.....	26.24	4.64	11.78	38.05	7.71	11.58	2042B
Analysis ^{d a}	25.33	5.28	10.44	38.97	7.86	12.12	457K
American Products Company, Fort Worth, Texas.							
Dried Skimmed Milk.....	34.00	0.20	0.00	50.00	.....	.....	389A
Analysis.....	35.65	1.32	.18	48.61	6.24	8.00	389A

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²Wheat brown shorts and screenings.³Coarse cottonseed meal.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Anderson Bros. Milling Company, Abernathy, Texas.							
Wheat Mixed Feed	17.00	3.50	8.50	52.00			848A
Analysis	18.70	3.42	5.40	57.80	10.66	4.02	22K
More-Profit Brand Egg Mash	19.00	3.60	7.50	46.50			848B
Analysis	21.80	4.56	5.61	49.57	9.47	8.99	38K
More-Profit Brand Chick Starter with Charcoal	15.50	3.40	8.00	53.00			848E
Analysis	19.30	5.95	6.59	52.32	9.31	6.53	367K
Anderson Feed Mill, Stephenville, Texas.							
Laying Mash	20.00	4.00	7.50	49.00			2191D
Analysis	21.26	5.61	7.25	50.16	8.46	7.26	445T
Anheuser-Busch, Inc., Saint Louis, Missouri.							
Budweiser Brewers' Dried Grains	20.00	5.00	20.00	40.00			1131B
Analysis	23.90	6.00	17.89	39.79	8.19	4.23	272T
Malt Sprouts	26.00	1.50	13.00	45.00			1131D
Analysis	30.37	1.46	14.82	37.98	8.96	6.41	216T
Cereal-Yeast Feed	28.00	4.00	7.00	48.00			1131E
Analysis	29.80	4.08	8.58	47.12	7.66	2.76	1131E
Apache Packing Company, San Antonio, Texas.							
47% Protein Meat and Bone Scraps	47.00	6.00	3.00	0.00			829C
Analysis ^e	46.02	10.72	1.23	1.54	8.32	32.17	429H
Archer-Daniels-Midland Company, Minneapolis, Minnesota, and Branches.							
37% Protein Old Process Linseed Meal	37.00	4.50	9.00	32.00			1197B
Analysis	38.62	4.92	7.29	33.28	10.18	5.71	345F
Analysis	39.95	5.21	7.49	32.74	8.78	5.83	9M
Analysis	38.01	4.91	7.21	33.17	10.73	5.97	54R
37% Protein Old Process Pea-Size Linseed Cake	37.00	4.50	9.00	32.00			1197D
Analysis ^d	41.88	4.68	7.46	32.44	7.92	5.62	16H
44% Protein New Process Soybean Oil Meal	44.00	0.50	7.00	29.00			1197E
Analysis ^a	46.62	.65	5.72	31.49	9.42	6.10	129H
Analysis ^a	45.05	.51	5.63	32.83	10.26	5.72	484W
Archer Grain Company, Inc., Houston, Texas.							
Washington County 5 Laying Mash	18.00	3.90	7.40	47.00			846A
Analysis	20.18	5.00	7.21	49.64	8.11	9.86	469M
Archer's XXX Egg Mash with Charcoal	19.00	4.00	6.50	45.00			846C
Analysis	21.63	5.27	5.86	49.62	9.43	8.19	66M
Ranger Egg Mash	19.00	3.60	6.60	47.00			846D
Analysis	21.84	3.62	4.98	47.93	11.54	10.09	180M
Archer's XXX Starter Mash with Charcoal and Manganese Sulphate	19.00	3.70	5.50	49.00			846E
Analysis	20.66	4.26	4.71	52.02	11.08	7.27	345M
XXX Dairy Feed	17.50	4.50	15.00	42.00			846J
Analysis	18.73	6.48	13.72	43.25	9.40	8.42	438M
Archer's Conditioning Mash	9.50	2.80	4.00	66.50			846S
Analysis	11.12	2.53	2.86	69.52	9.49	4.48	437M
Archer's XXX Master Brand Chicken Fatner	14.50	4.00	5.80	56.00			846X
Analysis ^b	15.83	6.42	4.94	57.35	11.35	4.11	250M

^{a, b, c, d, e, f, g, h, i.}—See legend at the beginning of this table.^dTags incorrectly printed.^eObsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Archer Grain Company, Inc., Houston, Texas—Continued.							
Right-Way Brand Dairy Feed	18.00	4.50	11.00	45.00			846Z
Analysis	21.25	6.67	9.36	44.21	9.16	9.35	68M
Right-Way Brand Dairy Feed	18.00	5.40	10.50	45.00			846Z
Analysis	20.56	6.88	9.62	45.41	9.32	8.21	436M
Hog Feed	15.00	5.00	7.00	51.00			846A1
Analysis ⁶	17.54	6.07	5.88	52.92	10.21	7.38	91M
Centennial Brand Laying Mash	19.00	4.00	6.50	50.00			846A2
Analysis	20.75	5.36	5.83	51.07	10.14	6.85	67M
24% Protein Dairy Feed	24.00	5.50	11.00	39.00			846A3
Analysis	25.70	6.61	11.42	41.58	5.71	8.98	12M
Analysis	25.70	6.63	11.67	38.51	9.24	8.25	382M
Archer's 36% Protein Supplement for Hogs	36.00	5.00	7.30	27.50			846A7
Analysis	39.15	5.41	7.02	27.30	6.94	14.18	128M
Archer's XXX Growing Mash containing Nicotine Sulphate	16.50	4.30	6.00	53.00			846B1
Analysis	17.60	4.18	5.00	55.37	8.96	8.89	127M
Dry and Freshening Cow Feed	13.50	2.80	12.00	50.00			846B4
Analysis	14.93	3.66	13.57	47.93	12.12	7.79	251M
Analysis	14.40	3.33	12.46	50.40	11.30	8.11	281M
Arkansas City Flour Mills Company, The, Arkansas City, Kansas.							
Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00			1670A
Analysis ⁷	17.42	4.19	6.38	56.17	11.82	4.02	329T
Analysis ⁷	17.74	4.13	6.29	56.58	11.12	4.14	381T
Arlington Grain Company, Arlington, Texas.							
Arlington Dairy Feed No. 2	18.00	3.30	14.00	45.00			2379J
Analysis	18.40	4.33	12.93	46.15	8.85	9.34	433T
Growing Mash with Minerals	16.50	3.50	7.20	48.00			2379K
Analysis	18.94	5.17	6.66	51.18	10.17	7.88	270T
Rainbow Laying Mash with Minerals	19.00	4.00	5.00	51.00			2379N
Analysis	22.33	5.41	3.93	50.36	9.07	8.90	117T
Armour and Company, Chicago, Illinois, and Branches.							
Armour's 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			541G
Analysis	50.72	9.55	1.97	.01	7.35	30.40	182F
Analysis ^a	50.80	9.65	1.42	2.79	6.39	28.95	377H
Analysis	49.75	11.20	1.87	.85	6.61	29.72	363K
Analysis	51.36	9.22	1.64	.25	7.53	30.00	226M
Analysis	49.59	8.97	1.93	1.98	6.22	31.31	433S
Analysis	54.40	9.96	1.36	.99	5.50	27.79	157T
Analysis	50.79	9.50	1.96	.15	6.44	31.16	455W
Analysis	51.43	9.63	2.05	1.26	6.09	29.54	533W
Armour's 60% Protein Meat Meal Digester Tankage	60.00	6.00	3.00	0.00			541K
Analysis ^a	58.40	8.02	1.63	.54	8.68	22.73	279F
Analysis ^a	60.70	9.40	1.39	.60	7.28	20.63	378H
Analysis	60.40	8.44	1.49	.72	7.73	21.22	227M
Athens Oil Mill, Athens, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			567F
Analysis	43.60	6.24	10.01	27.40	7.13	5.62	6F
Analysis	43.21	6.09	10.69	27.29	6.85	5.87	69F
Analysis	43.02	6.20	10.29	26.09	8.76	5.64	229F

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁶Milo meal found, not claimed.

⁷Wheat brown shorts and screenings.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Athens Oil Mill,							
Athens, Texas—Continued.							
Jersey Brand Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>			567I
Analysis.....	12.53	1.79	33.64	43.65	4.95	3.44	7F
Analysis.....	12.00	1.65	34.80	40.66	7.30	3.59	157F
Analysis.....	10.40	2.01	37.46	39.00	7.54	3.59	388F
Auge Packing Company, Ed.,							
San Antonio, Texas.							
46% Protein Meat and Bone Scraps..	<i>46.00</i>	<i>7.00</i>	<i>2.00</i>	<i>0.00</i>			1724A
Analysis.....	48.97	9.74	1.66	.02	5.62	33.99	81H
Analysis.....	49.08	11.86	1.05	.16	5.87	31.98	356H
Austin Mill & Grain Company,							
Brownwood, Texas.							
Red Arrow Baby Chick Starter with Charcoal.....	<i>15.00</i>	<i>3.20</i>	<i>5.00</i>	<i>48.00</i>			231G
Analysis.....	17.91	4.39	4.34	54.41	10.14	8.81	313S
Red Arrow Growing Mash with Charcoal.....	<i>16.00</i>	<i>3.50</i>	<i>7.00</i>	<i>50.00</i>			231I
Analysis.....	18.41	4.75	5.35	51.44	10.64	9.41	323S
Wheat Gray Shorts.....	<i>15.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>			231P
Analysis.....	17.36	4.40	5.73	59.04	9.73	3.74	457S
Analysis.....	15.66	3.65	4.95	62.05	10.64	3.05	491W
Red Arrow Egg Mash.....	<i>18.00</i>	<i>3.60</i>	<i>8.00</i>	<i>47.00</i>			231Q
Analysis.....	21.03	5.04	4.65	52.29	9.60	7.39	415S
Gold Arrow Egg Mash with Charcoal.....	<i>20.00</i>	<i>3.80</i>	<i>7.50</i>	<i>45.50</i>			231V
Analysis.....	22.25	4.83	5.34	46.52	10.06	11.00	374S
Texas Sweet Feed.....	<i>9.30</i>	<i>2.60</i>	<i>11.20</i>	<i>55.50</i>			231B6
Analysis.....	12.70	4.98	11.67	53.64	9.52	7.49	410S
Analysis.....	11.78	3.90	11.01	55.35	10.08	7.88	494W
L & N Special Cow Feed.....	<i>15.50</i>	<i>3.00</i>	<i>8.50</i>	<i>44.00</i>			231B9
Analysis.....	17.57	4.21	8.20	52.42	10.42	7.18	414S
Austin Oil Manufacturing Company,							
Austin, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			450C
Analysis.....	43.60	6.10	10.53	27.77	6.37	5.63	4H
Analysis.....	43.60	6.41	10.14	27.55	6.64	5.66	64H
Analysis.....	42.36	6.34	10.93	27.36	7.65	5.36	445H
Aztec Flour Mill,							
Nuevo Laredo, Mexico.							
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>			1512A
Analysis ⁸	17.06	4.33	8.43	54.61	9.88	5.69	97H
Wheat Mixed Feed and Screenings.....	<i>16.00</i>	<i>3.50</i>	<i>8.50</i>	<i>52.00</i>			1512A
Analysis.....	14.90	4.31	8.27	56.32	11.19	5.01	308H
Bailey's Feed Store,							
Rosenberg, Texas.							
Red Star 16% Protein Cow Feed....	<i>16.00</i>	<i>6.50</i>	<i>15.00</i>	<i>38.00</i>			1392C
Analysis ⁹	14.17	4.07	18.81	37.24	10.57	15.14	230M
Rice Hulls, Molasses, Alfalfa Stem Meal, Cottonseed Meal, Rice Bran, Corn Chop, and Salt.....	<i>6.00</i>	<i>1.20</i>	<i>23.50</i>	<i>38.50</i>			1392D
Analysis.....	7.14	1.13	22.30	42.87	12.21	14.35	59M
Red Star Baby Chick Scratch Feed..	<i>10.00</i>	<i>2.80</i>	<i>3.00</i>	<i>70.00</i>			1392E
Analysis.....	11.83	5.19	1.58	68.11	11.44	1.85	60M
Red Star Horse and Mule Feed.....	<i>10.00</i>	<i>3.20</i>	<i>10.00</i>	<i>60.00</i>			1392I
Analysis.....	12.16	3.26	8.49	58.60	12.86	4.63	148M

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

⁸Wheat mixed feed and screenings.⁹Wheat bran, linseed meal, corn gluten meal, bone meal, and ground rice hulls found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bain Peanut Company of Texas, Fort Worth, Texas.							
Bapco Brand 43% Protein Peanut Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	588A
Analysis.....	42.65	7.84	12.73	26.25	5.32	5.21	23H
Analysis ^{b c}	41.78	8.72	13.08	26.17	5.26	4.99	3S
Analysis ^e	42.05	7.88	11.83	28.77	3.89	5.58	64S
Analysis.....	<i>43.35</i>	<i>7.66</i>	<i>10.31</i>	<i>28.79</i>	<i>4.32</i>	<i>5.57</i>	132S
Analysis ^{b c}	41.76	8.13	10.23	29.12	4.53	6.23	133S
Analysis ^{b c}	41.24	6.67	11.92	28.85	5.70	5.62	257S
Analysis ^e	42.10	7.22	12.99	26.64	4.64	6.41	274S
Analysis.....	<i>41.25</i>	<i>8.83</i>	<i>12.20</i>	<i>27.21</i>	<i>4.89</i>	<i>5.62</i>	17T
Bapco Brand Mixed Feed.....	<i>15.50</i>	<i>2.20</i>	<i>33.00</i>	<i>35.00</i>	.....	.....	588D
Analysis.....	15.70	8.72	22.42	36.80	10.92	5.44	181T
Ground Peanut Stems.....	<i>9.00</i>	<i>0.80</i>	<i>40.00</i>	<i>30.00</i>	.....	.....	588J
Analysis ¹⁰	16.50	6.83	14.33	45.14	7.14	10.06	18T
36% Protein Flaked Peanut Feed.....	<i>36.00</i>	<i>5.00</i>	<i>22.00</i>	<i>28.00</i>	.....	.....	588L
Analysis.....	38.38	6.86	14.66	26.77	7.15	6.18	588L
Analysis ^{11 b}	37.19	7.86	18.67	24.44	5.77	6.07	492W
Baker Cotton Oil Mill, Altus, Oklahoma.							
28% Protein Ground Whole-Pressed Cottonseed.....	<i>28.00</i>	<i>6.00</i>	<i>23.00</i>	<i>29.00</i>	.....	.....	974A
Analysis ^{d a}	29.42	6.11	24.13	30.09	5.49	4.76	172K
Analysis.....	28.90	6.96	23.20	30.14	5.99	4.81	393K
Analysis ^{d a}	30.10	5.93	24.14	30.02	5.32	4.49	141T
Bangs Feed Mill, Bangs, Texas.							
Jenk's Laying Mash.....	<i>18.00</i>	<i>3.50</i>	<i>7.50</i>	<i>50.00</i>	.....	.....	759G
Analysis.....	18.70	4.54	7.03	51.02	10.02	8.69	324S
Barcus, P. R., Waco, Texas.							
Hewitt Brand Laying Mash.....	<i>18.50</i>	<i>3.80</i>	<i>7.00</i>	<i>45.50</i>	.....	.....	1413G
Analysis ^e	20.70	5.12	5.70	47.60	10.51	10.37	311W
Barcus Feed Store, Waco, Texas.							
Ground Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	1413A
Analysis.....	10.18	5.97	11.96	59.02	9.29	3.58	447W
Hewitt Brand Dairy Feed.....	<i>15.50</i>	<i>3.20</i>	<i>13.00</i>	<i>49.00</i>	.....	.....	1413F
Analysis.....	16.91	4.45	12.66	51.25	9.80	4.93	535W
Barfield Feed & Produce, Temple, Texas.							
Tem-Tex Dairy Feed.....	<i>18.50</i>	<i>3.30</i>	<i>12.50</i>	<i>45.00</i>	.....	.....	86A
Analysis.....	19.63	3.96	9.97	49.06	11.32	6.06	187W
Barron's Electric Hatchery, Lamesa, Texas.							
Eureka Brand Chick Starter with Charcoal.....	<i>17.00</i>	<i>3.40</i>	<i>7.00</i>	<i>50.00</i>	.....	.....	1077A
Analysis.....	18.57	5.07	5.55	52.74	8.40	9.67	432K
Eureka Brand Laying Mash No. 1.....	<i>18.00</i>	<i>3.50</i>	<i>6.00</i>	<i>49.00</i>	.....	.....	1077B
Analysis.....	19.02	5.37	4.74	52.31	8.41	10.15	116K
Eureka Brand Growing Mash.....	<i>16.00</i>	<i>3.50</i>	<i>6.00</i>	<i>52.00</i>	.....	.....	1077C
Analysis.....	18.63	4.73	4.44	54.28	8.81	9.11	497K
Eureka Brand Laying Mash No. 2.....	<i>19.00</i>	<i>3.70</i>	<i>6.00</i>	<i>48.00</i>	.....	.....	1077H
Analysis.....	20.33	4.89	5.29	48.64	9.89	10.96	201K
Barron's Dairy Feed.....	<i>16.00</i>	<i>3.00</i>	<i>11.00</i>	<i>52.00</i>	.....	.....	1077M
Analysis.....	16.90	4.21	10.69	53.39	7.56	7.25	27K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁰Immature peanuts and some peanut hulls present.

¹¹Ground peanut feed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bauch's Feeds & Hatchery,							
Yorktown, Texas.							
Bauch's Best Laying Mash.....	20.00	3.60	7.00	46.00			884A
Analysis.....	21.10	4.83	6.37	48.98	9.49	9.23	190H
Bauch's Growing Mash.....	17.50	3.50	8.00	52.00			884B
Analysis.....	19.70	4.79	7.65	50.25	8.90	8.71	458H
Bauch's Chick Starter with Charcoal.	18.00	3.60	5.00	51.00			884D
Analysis.....	20.76	4.54	5.09	52.59	9.62	7.40	281H
Bawden Fuel & Feed Company,							
Plainview, Texas.							
Milo Head Chop.....	8.00	2.50	8.00	65.00			1339C
Analysis.....	10.45	2.60	5.89	65.84	11.65	3.57	223K
Rainbow Mormilk 16% Protein Dairy Feed.....	16.00	3.00	14.00	46.00			1339J
Analysis.....	17.56	3.01	12.12	49.68	9.08	8.55	329K
Rainbow Turkey Developing Mash.....	21.00	3.50	6.00	45.00			1339M
Analysis.....	21.75	3.90	5.61	48.70	9.99	10.05	130K
Rainbow Egg Mash.....	20.00	3.50	6.50	46.00			1339U
Analysis.....	21.62	4.27	5.16	50.81	10.09	8.05	134K
Rainbow All-Mash Chick Starter.....	18.00	3.70	6.00	51.00			1339X
Analysis.....	20.78	4.75	5.35	53.11	8.21	7.80	515K
Rainbow Growing Mash.....	18.00	3.20	6.00	49.00			1339Y
Analysis.....	20.45	4.22	6.15	53.31	8.50	7.37	516K
Rainbow 18% Protein Egg Mash.....	18.00	3.50	6.50	52.00			1339B9
Analysis.....	20.51	3.90	7.53	51.71	9.14	7.21	379K
Analysis.....	20.67	4.45	6.86	51.64	8.92	7.46	438K
Rainbow Sweet Feed.....	9.00	1.40	17.00	51.00			1339C1
Analysis.....	8.91	.79	16.97	53.91	9.91	9.51	56K
Analysis.....	11.62	1.69	16.80	50.40	8.46	11.03	408K
Rainbow 18% Protein Dairy Feed.....	18.00	3.00	11.00	45.00			1339C5
Analysis.....	20.04	3.22	9.86	49.69	10.46	6.73	129K
Rainbow Calf Meal.....	23.50	2.50	2.50	53.00			1339C7
Analysis.....	24.78	3.67	2.25	54.19	9.03	6.08	42K
Rainbow Turkey Breeders Mash.....	24.00	3.50	6.00	45.00			1339D1
Analysis.....	26.10	4.39	5.60	43.45	9.28	11.18	372K
Bay City Rice Mills, Inc.,							
Bay City, Texas.							
Rice Bran containing Precipitated Carbonate of Lime.....	12.00	12.00	12.00	42.00			457B
Analysis.....	13.11	13.34	8.53	45.78	9.85	9.39	98M
Beaumont Rendering Plant,							
Beaumont, Texas.							
"Beau" Brand 47% Protein Meat and Bone Scraps.....	47.00	10.00	3.00	0.00			316A
Analysis.....	45.42	15.04	2.01	.42	7.18	29.93	360M
Beaumont Rice Mills,							
Beaumont, Texas.							
Rice Bran containing Precipitated Calcium Carbonate.....	13.00	13.00	15.00	39.00			494B
Analysis.....	12.94	13.59	14.72	38.67	8.23	11.85	113M
Beeville Cotton Oil Company,							
Beeville, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			1580A
Analysis.....	44.20	7.17	9.35	27.51	6.56	5.21	13H
Analysis.....	43.75	6.92	9.44	27.38	6.98	5.53	421H
43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00			1580B
Analysis.....	45.30	7.21	9.37	25.85	7.05	5.22	14H

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bell Grain Company, Fort Worth, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00			2125A
Analysis.....	7.63	3.68	9.26	64.58	12.54	2.31	171T
Bell Ice & Dairy Products Company, Hico, Texas.							
Dried Skimmed Milk.....	34.00	0.20	0.00	50.00			2626B
Analysis.....	34.40	.44	.14	50.49	6.65	7.88	402W
Bewley Mills, Fort Worth, Texas.							
Anchor Hominy Feed.....	10.00	6.00	7.00	60.00			4B
Analysis ^{a12}	11.66	5.61	4.54	65.99	9.75	2.45	483K
Anchor All-Mash Turkey Starter.....	26.00	4.30	5.00	41.00			4K
Analysis ^c	21.66	4.18	5.34	51.79	9.20	7.83	389T
Anchor 15% Protein Dairy Feed.....	15.00	3.00	11.00	49.50			4N
Analysis.....	16.90	3.42	7.96	54.36	10.63	6.73	270K
Anchor 18% Protein Dairy Feed.....	18.00	3.30	10.50	46.00			4O
Analysis ¹³	18.50	3.03	8.88	53.74	8.92	6.93	405K
Analysis.....	18.46	3.47	9.54	50.26	11.01	7.26	424M
Anchor Wheat Bran, Wheat Brown Shorts and Screenings.....	14.50	3.50	9.20	55.00			4R
Analysis.....	17.51	4.57	8.66	54.18	9.42	5.66	307T
16% Protein Special Mixed Feed.....	16.00	2.00	13.00	48.00			4Y
Analysis.....	13.37	2.66	11.01	52.23	11.22	9.51	134F
Analysis.....	19.84	3.15	8.17	48.37	13.42	7.05	230F
Analysis.....	16.80	2.72	12.51	46.64	9.84	11.49	83K
Analysis.....	17.25	2.78	12.45	44.96	8.65	13.91	57T
Blue Anchor Five Egg Mash.....	19.00	3.50	7.50	45.00			4B2
Analysis.....	20.30	5.11	8.37	46.34	9.77	10.11	342H
Analysis.....	19.75	5.03	7.22	49.38	8.32	10.30	40T
Analysis.....	20.22	5.28	8.38	47.41	7.45	11.26	58W
Blue Anchor Five Egg Mash Chunkets	19.00	3.50	7.50	45.00			4B7
Analysis ¹⁴	20.43	5.70	7.54	44.84	11.02	10.47	231F
Analysis.....	19.80	5.30	8.23	45.34	10.93	10.40	271F
Analysis.....	19.50	5.19	7.93	46.84	11.34	9.20	315F
Big B Sweet Feed.....	9.00	2.00	17.00	52.00			4D9
Analysis.....	11.54	2.33	9.28	55.84	14.15	6.86	265M
Analysis.....	10.60	2.15	10.19	56.80	12.34	7.92	452M
Analysis.....	11.71	2.16	9.03	57.46	11.71	7.93	452T
Analysis.....	11.21	2.38	9.91	56.23	12.53	7.74	358W
Anchor Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00			4E4
Analysis ^{15 b c}	16.55	4.29	6.31	57.57	11.29	3.99	135F
Analysis ^{15 b c}	16.80	4.32	7.00	55.70	11.63	4.55	184H
Analysis ^{15 b c}	16.48	4.42	7.03	58.30	9.69	4.08	282K
Analysis.....	17.43	4.00	5.19	58.30	11.52	3.56	359M
Analysis.....	16.90	4.47	5.93	58.06	10.41	4.23	143T
Analysis ¹⁵	16.60	4.34	7.00	56.47	11.30	4.29	226T
Analysis.....	16.15	4.12	5.66	57.81	12.32	3.94	331T
Analysis.....	17.68	4.57	5.89	58.09	9.50	4.27	444T
Analysis ^{15 c}	16.40	4.59	7.36	55.08	8.33	8.24	61W
Analysis ¹⁵	16.60	4.36	7.05	55.31	11.49	5.19	295W
Analysis ^{15 b c}	18.63	4.37	6.95	53.74	11.36	4.95	359W
Anchor Egg Mash.....	20.00	3.80	6.00	47.00			4F3
Analysis.....	24.65	5.94	5.92	43.76	7.57	12.16	56T
Anchor Growing Mash.....	16.00	3.60	5.50	54.00			4F4
Analysis.....	17.10	4.19	5.39	56.89	9.39	7.04	326K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹²Short in weight. Each sack even-weighted and sale resumed.

¹³Corn gluten meal found, not claimed.

¹⁴Excess of powdered oyster shell found. Deficient in salt.

¹⁵Wheat brown shorts and screenings.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Bewley Mills,							
Fort Worth, Texas—Continued.							
Anchor Chick Starter.....	16.00	3.70	6.00	52.50	.....	.....	4F5
Analysis.....	16.95	4.69	5.91	56.25	9.32	6.88	300K
Analysis ^e	17.33	4.49	6.42	54.63	10.37	6.76	314S
Analysis ¹⁶	16.10	4.25	7.18	56.87	8.66	6.94	453W
Blue Anchor 24% Protein Dairy Feed	24.00	4.00	12.00	39.50	.....	.....	4G6
Analysis.....	23.95	4.30	9.91	45.16	10.73	5.95	332K
Analysis.....	25.21	4.44	9.62	42.90	10.58	7.25	397M
Analysis ^{17 b}	9.35	4.41	12.93	59.31	9.16	4.84	460T
Anchor All-Mash Starter.....	18.00	3.70	4.50	53.50	.....	.....	4G8
Analysis ^e	17.56	4.38	4.26	56.80	9.91	7.09	225T
Analysis ¹⁶	18.10	4.32	4.30	55.64	10.38	7.26	444W
Anchor 32% Protein Supplement for Poultry	32.00	3.90	6.00	24.00	.....	.....	4G9
Analysis ¹⁶	31.71	5.39	9.50	24.07	6.28	23.05	73T
Anchor Flock Ration Chunkets.....	15.00	3.50	6.50	50.50	.....	.....	4H3
Analysis ^e	14.60	4.53	7.33	56.91	9.77	6.86	476K
Blue Anchor Egg Mash Chunkets.....	18.00	3.80	8.00	46.00	.....	.....	4H8
Analysis.....	19.44	5.50	8.21	47.67	9.12	10.06	269K
Anchor Turkey Fattening Mash.....	13.00	3.50	7.50	60.00	.....	.....	411
Analysis.....	15.38	4.84	7.76	58.64	8.16	5.22	111H
Anchor Broiler Mash.....	18.00	3.70	7.00	49.50	.....	.....	412
Analysis.....	16.66	4.38	5.47	54.34	11.07	8.08	183H
Bibb Company, H. T.,							
Fort Worth, Texas.							
Laying Mash.....	18.50	3.50	6.00	48.00	.....	.....	1972M
Analysis.....	20.79	4.58	5.66	49.89	9.86	9.22	403T
Chick Starter Mash.....	18.00	3.20	6.00	50.00	.....	.....	1972N
Analysis.....	19.40	3.88	5.16	54.81	8.87	7.88	440T
18% Protein Dairy Feed.....	18.00	3.80	13.00	44.00	.....	.....	1972P
Analysis.....	20.75	4.70	10.65	47.23	8.92	7.75	441T
Billingsley and Son, J. C.,							
Lamesa, Texas.							
Billingsley's Purity Brand Laying Mash	20.00	3.60	7.50	45.00	.....	.....	1295E
Analysis ^e	22.34	4.99	7.43	47.05	7.75	10.44	198K
Billingsley's Purity Brand Cow Feed	16.00	2.50	27.00	35.00	.....	.....	1295L
Analysis.....	17.80	3.27	22.96	45.17	4.47	6.33	26K
Balanced Hog Feed with Charcoal	15.00	3.50	7.00	52.00	.....	.....	1295R
Analysis.....	17.98	4.57	5.79	56.55	8.66	6.45	496K
Bishop Grain & Coal Company,							
Memphis, Texas.							
Bishop's Best Growing Mash.....	16.00	3.50	7.00	49.00	.....	.....	2189C
Analysis ¹⁸	18.52	4.35	7.38	52.73	10.42	6.60	415K
Halloco 16% Protein Dairy Feed.....	16.00	3.00	12.50	48.00	.....	.....	2189G
Analysis ¹⁹	18.23	3.68	11.14	50.36	9.70	6.89	91K
Blair Elevator Corporation, The,							
Atchison, Kansas.							
Certified Brand Turkey Developing Mash with Manganese Sulphate	20.00	5.00	7.00	46.00	.....	.....	696M
Analysis ^{d a20}	21.73	5.25	6.72	46.93	8.36	11.01	528W
Valley Laying Mash with Manganese Sulphate	18.00	3.50	8.00	48.00	.....	.....	696N
Analysis ^{d a20}	17.89	3.58	7.41	51.42	9.04	10.66	527W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

16Obsolete tags attached.

17Blue Anchor Horse and Mule Feed.

18Deficient in ground oyster shell.

19Used by manufacturer in feeding own stock. Manufacture discontinued.

20Blank tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Blasingame, W. V., Hillsboro, Texas.							
Super-Brand Egg Mash.....	19.00	3.60	6.50	47.50	.....	.....	115I
Analysis.....	19.48	4.84	5.61	49.82	9.39	10.86	327W
Blue Bonnet Packing Company, Fort Worth, Texas.							
50% Protein Meat and Bone Scraps..	50.00	6.00	3.00	2.00	.....	.....	985A
Analysis.....	53.45	8.89	1.48	.48	8.32	27.38	230T
Analysis ^b	53.34	9.89	1.63	.04	7.70	27.40	328T
Analysis ^c	49.85	9.81	1.48	.08	7.17	31.61	209W
Bonham Cotton Oil Company, Bonham, Texas.							
Planco Mixed Feed.....	11.00	1.60	42.50	28.50	.....	.....	538B
Analysis.....	11.70	1.99	37.60	39.67	5.79	3.25	246F
Booth Company, Inc., F. E., San Francisco, California.							
Booth's Crescent Brand 64% Protein Fish Meal.....	64.00	3.00	1.00	1.00	.....	.....	1400A
Analysis ^e	69.12	3.75	.53	5.04	8.12	13.44	459H
Analysis.....	69.23	4.03	.73	7.21	6.24	12.56	123K
Borden Company, The, Texas Dairy Products Division, Houston, Texas.							
Borden's Dried Skimmed Milk.....	34.00	0.20	0.00	50.00	.....	.....	358C
Analysis.....	35.93	1.49	.12	51.28	2.76	8.42	358C
Borger Feed Store, Borger, Texas.							
Kafir Head Chop.....	8.50	2.50	8.00	65.00	.....	.....	227D
Analysis ^{d a21}	11.19	2.69	6.26	63.32	11.26	5.28	334K
Bower Feed Store, Graham, Texas.							
Xtra Special Dairy Feed.....	17.00	3.40	13.00	50.00	.....	.....	2083E
Analysis ²²	17.35	3.86	10.62	53.57	9.08	5.52	42T
Bradfish Grain Company, Weatherford, Texas.							
We-Tex Hen Mash with Charcoal....	20.00	4.00	7.50	45.00	.....	.....	1920B
Analysis.....	20.70	5.02	7.46	49.27	8.71	8.84	455T
We-Tex Dairy Feed.....	24.00	3.60	12.00	42.00	.....	.....	1920N
Analysis.....	22.39	4.04	10.81	46.55	9.60	6.61	456T
We-Tex Sweet Feed No. 2.....	14.00	2.50	17.00	43.50	.....	.....	1920U
Analysis.....	15.88	2.50	14.13	47.19	10.77	9.53	392T
Brady Cotton Oil Company, Brady, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1074E
Analysis ^c	41.63	7.54	12.27	27.90	5.71	4.95	52S
Analysis.....	43.55	6.68	11.12	26.73	6.80	5.12	188S
43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00	.....	.....	1074F
Analysis.....	43.91	5.40	11.40	27.19	6.81	5.29	189S
43% Protein Pebble-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1074G
Analysis ^c	41.41	7.49	12.08	27.48	6.38	5.16	51S
Analysis ^c	40.86	7.44	12.16	28.44	6.07	5.03	108S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²¹Short in weight. Each sack even-weighted and sale resumed.

²²Ground peanut hay and hegari head chop found, not claimed. Deficient in alfalfa meal.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitro-free Extract	Moisture	Crude Ash	
Brazoria Grain Company, Brazoria, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	1001A
Analysis ²³	7.08	3.00	14.49	62.36	11.40	1.67	298M
Corn Chop.....	<i>9.00</i>	<i>3.50</i>	<i>3.00</i>	<i>70.00</i>	.....	.....	1001B
Analysis.....	10.10	3.96	1.92	69.53	13.05	1.44	299M
Brazos Valley Cotton Oil Company, Valley Mills, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	505C
Analysis.....	43.54	6.37	11.17	26.15	7.40	5.37	152W
Analysis ^{b e}	41.85	6.95	11.57	26.76	7.58	5.29	190W
Longhorn Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	505C
Analysis ^c	41.54	6.54	11.85	26.81	7.79	5.47	379T
Analysis ²⁴	42.57	6.97	9.91	26.48	8.41	5.66	398W
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	505D
Analysis.....	43.76	6.83	10.88	26.92	6.12	5.49	189W
Analysis.....	43.86	6.98	9.73	26.18	7.59	5.66	251W
Brazos Valley Cotton Oil Company, Waco, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1254C
Analysis ^{b e}	41.86	6.06	11.73	28.12	6.73	5.50	49S
Analysis ^c	40.33	6.90	12.19	28.13	7.22	5.23	187S
Analysis.....	43.00	6.19	11.76	26.20	7.08	5.77	47W
Analysis ^c	41.10	6.89	11.89	29.18	5.54	5.40	64W
Analysis ^e	41.01	6.39	12.63	27.94	6.60	5.43	79W
Analysis.....	42.90	6.26	10.73	27.59	6.72	5.80	87W
Analysis.....	43.05	6.49	10.69	27.70	6.57	5.50	141W
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1254D
Analysis.....	43.47	5.78	10.17	27.84	7.15	5.59	99S
Analysis ^c	42.47	6.22	11.33	27.86	6.71	5.41	186S
Analysis ^e	42.33	6.09	11.59	27.89	6.73	5.37	163W
Analysis.....	42.80	5.87	11.43	26.17	8.10	5.63	169W
Analysis.....	43.88	6.13	9.76	27.18	7.33	5.72	229W
Texas Longhorn Brand Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.00</i>	.....	.....	1254E
Analysis ^e	10.26	1.85	37.51	41.93	5.34	3.11	142W
Longhorn Brand Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.00</i>	.....	.....	1254E
Analysis.....	13.85	2.13	37.14	35.47	7.97	3.44	454W
Brenham Cotton Oil & Manufacturing Company, Bellville, Texas.							
25% Protein Whole-Pressed Cottonseed.....	<i>25.00</i>	<i>5.00</i>	<i>25.00</i>	<i>29.00</i>	.....	.....	1459A
Analysis.....	26.70	6.46	23.79	30.58	7.75	4.72	50M
Brenham Cotton Oil & Manufacturing Company, Brenham, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	426D
Analysis.....	44.00	5.93	10.78	27.64	5.97	5.68	7M
Analysis ^c	42.48	5.86	10.90	25.72	8.90	6.14	337M
Brightman & Sons, Comanche, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	2308D
Analysis ²⁵	7.22	3.48	11.70	65.63	10.33	1.64	481W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²³Excess corn husk found.²⁴Obsolete tags attached.²⁵Excess corn husk found.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Brown Feed Store, Fort Worth, Texas.							
Brown's Special Cow Feed	16.50	3.40	12.50	40.00			1140E
Analysis	17.90	4.04	11.68	49.21	10.98	6.19	228T
Browning Grain Company, Sweetwater, Texas.							
Our-Own Mixed Dairy Feed	17.00	3.30	13.50	46.00			2665A
Analysis	19.00	4.18	11.89	47.54	9.03	8.36	5S
Square Deal Brand Laying Mash	19.00	3.60	6.00	48.00			2665C
Analysis	20.40	4.81	3.98	48.75	10.43	11.63	211S
Brownwood Cotton Oil Mill, Brownwood, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			310A
Analysis	42.58	7.15	10.28	27.30	7.56	5.13	190S
Analysis ^e	40.65	6.95	10.92	26.94	9.42	5.12	194S
Analysis	42.93	7.10	10.35	26.39	7.47	5.76	188T
Analysis ^e	40.76	7.13	10.76	27.96	7.82	5.57	246W
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			310B
Analysis	42.67	6.11	10.72	27.40	7.95	5.15	191S
Cottonseed Hulls and Cottonseed Meal	11.00	1.60	42.50	28.00			310D
Analysis	11.46	2.27	37.03	39.58	6.48	3.18	56S
Brownwood Feed Company, Brownwood, Texas.							
Sure-Profit Brand Egg Mash	18.00	3.50	8.00	47.00			80E
Analysis	18.80	4.50	7.90	52.96	8.50	7.34	413S
Bryan Cotton Oil & Fertilizer Company, Bryan, Texas.							
Star Brand 20% Protein Dairy Feed	20.00	4.00	16.00	41.00			403A
Analysis	18.20	4.25	13.00	42.89	12.09	9.57	5M
Analysis	20.86	5.14	13.66	41.98	8.65	9.71	109W
Analysis	22.01	4.04	13.42	40.68	10.04	9.81	511W
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			403D
Analysis ^e	40.43	6.21	12.93	27.24	7.41	5.78	88M
Analysis	43.76	6.28	9.96	25.77	8.52	5.71	324M
Analysis	43.47	5.96	11.36	25.96	7.46	5.79	398M
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			403E
Analysis ^e	42.27	5.76	11.66	26.26	8.22	5.83	176M
Analysis	43.83	6.45	10.84	25.91	7.07	5.90	88W
Star Brand Sweet Feed	10.00	1.50	28.00	33.00			403F
Analysis	12.42	1.89	31.81	37.06	11.20	5.62	177M
Star Brand 18% Protein Dairy Feed	18.00	3.00	15.00	46.00			403I
Analysis	19.52	2.76	11.05	49.88	10.04	6.75	512W
Bryant Coal & Grain Company, Lamesa, Texas.							
Bryant Dairy Feed	21.00	3.70	11.00	44.00			1457H
Analysis	22.38	4.90	10.69	45.83	8.01	8.19	499K
Burdett Feed Store, El Paso, Texas.							
Rosedale Laying Mash	19.00	3.50	7.00	44.00			938A
Analysis	20.43	4.77	6.21	48.45	8.48	11.66	25S
Rosedale Dairy Feed	18.00	3.60	12.00	47.00			938C
Analysis	20.99	5.09	9.24	49.97	7.72	6.99	400S
Burkburnett Gin Company, Burkburnett, Texas.							
Utility Brand Stock Feed	17.00	2.80	16.00	44.00			2215G
Analysis	18.69	3.62	14.15	46.24	10.51	6.79	337T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Burkburnett Gin Company,							
Burkburnett, Texas—Continued.							
Milky-Way Brand 24% Protein Dairy Feed	24.00	3.70	11.00	40.30			2215H
Analysis	25.46	4.91	9.94	41.98	10.38	7.33	236T
Burleson Grain Company,							
Tahoka, Texas, and Branches.							
Mixed Cow Feed	16.40	3.30	10.00	54.00			1814D
Analysis	18.14	3.56	8.68	54.63	9.96	5.03	196K
All-Purpose Mixed Feed	14.50	3.20	5.00	57.00			1814E
Analysis	16.31	4.80	3.37	60.43	10.63	4.46	355K
Burleson Mill & Feed Company,							
Burleson, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			1147C
Analysis	8.55	3.17	9.48	65.85	11.23	1.72	390W
Burrus Feed Mills,							
Dallas, Texas.							
Green Ball Laying Mash	20.50	3.50	7.40	44.60			2013D
Analysis	22.43	5.66	7.01	45.20	8.12	11.58	86R
Texo 24% Protein Cow Feed	24.00	3.50	10.00	40.00			2013G
Analysis	25.26	4.69	10.51	41.49	10.07	7.98	90K
Analysis	23.65	3.41	9.86	43.80	10.60	8.68	27R
Analysis	23.10	4.35	10.83	44.05	9.77	7.90	374T
Texo Laying Mash with Cod Liver Oil, Buttermilk, and Charcoal	19.00	3.60	8.00	45.00			2013H
Analysis	21.26	6.26	8.32	46.31	7.80	10.05	41F
Analysis	21.69	5.25	7.09	47.03	9.17	9.77	311F
Two-and-One Brand Mixed Feed	9.00	2.30	8.00	60.00			2013L
Analysis	11.88	1.98	7.21	60.38	13.95	4.60	29R
Ground Whole Oats	11.00	4.00	12.00	58.00			2013M
Analysis	13.69	4.03	10.72	58.17	9.81	3.58	23R
Analysis	14.98	4.39	10.78	56.26	9.58	4.01	134T
Analysis	14.81	4.16	11.08	55.12	10.71	4.12	160T
Texo Alfalfa Stem Meal and Molasses	7.20	0.50	28.00	43.50			2013Q
Analysis	8.83	.61	24.45	45.88	12.02	8.21	28R
Green Ball Sweet Feed	9.50	1.80	12.00	53.00			2013R
Analysis	8.77	1.35	11.56	50.74	12.42	15.16	384F
Analysis	9.70	1.82	14.10	52.32	10.30	11.76	337K
Analysis ²⁶	9.38	1.27	14.37	50.84	9.33	14.81	428S
Analysis	9.24	1.69	11.14	54.53	12.26	11.14	315T
Texo Growing Mash with Buttermilk and Cod Liver Oil	17.50	4.20	5.10	48.00			2013S
Analysis	18.20	4.69	6.34	53.71	8.54	8.52	87R
Analysis	18.30	5.56	6.05	53.02	8.65	8.42	426T
Analysis	19.85	4.90	6.61	49.45	9.58	9.61	458W
Peanut Hulls and Molasses	6.50	1.20	42.00	35.00			2013T
Analysis	8.36	3.35	37.93	31.63	13.76	4.97	242H
Texo All-Mash Laying Feed	15.00	3.40	8.00	49.00			2013U
Analysis	17.93	5.30	6.72	51.30	7.14	11.61	85R
Texo Broiler Mash with Dried Buttermilk and Cod Liver Oil	18.00	4.00	7.00	46.00			2013Y
Analysis	20.06	4.69	5.56	53.49	8.21	7.99	281K
Green Ball 24% Protein Cow Feed	24.00	3.70	10.00	42.50			2013A1
Analysis	24.21	3.79	10.40	42.33	9.99	9.28	211F
Analysis	24.52	4.36	9.98	43.45	7.80	9.89	30W
Texo 21% Protein Cow Feed	21.00	3.50	13.00	42.00			2013A3
Analysis	22.70	4.36	12.60	42.73	8.95	8.66	414K
Analysis	21.70	3.92	11.74	43.57	11.20	7.87	282W
Green Ball 18% Protein Dairy Feed	18.00	3.80	11.00	45.00			2013A5
Analysis	18.90	3.16	11.44	45.75	11.32	9.43	354M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁶Deficient in molasses and ground limestone. Excess salt found.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis-tration or In-spection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitro-gen-free Extract	Mois-ture	Crude Ash	
Burrus Feed Mills,							
Dallas, Texas—Continued.							
Green Ball Growing Mash	16.50	4.00	8.00	50.00			2013A9
Analysis	16.60	5.78	7.32	51.59	9.83	8.88	369F
Analysis	16.43	5.46	7.39	52.90	8.81	9.01	88R
Texo All-Mash Chick Starter with Cod Liver Oil	18.00	4.00	6.20	51.00			2013B2
Analysis	18.72	4.42	4.81	53.26	10.04	8.75	255F
Analysis	19.45	5.24	4.56	53.07	9.56	8.12	338K
Analysis	19.05	4.69	4.75	52.48	11.22	7.81	200T
Burrus Sweet 16% Protein Dairy Feed	16.00	4.00	13.00	45.50			2013B6
Analysis ²⁷	16.40	1.92	12.94	46.02	12.16	10.56	212M
Analysis ²⁸	17.40	3.33	10.17	49.78	11.32	8.00	30R
Analysis	16.15	2.86	11.27	46.88	11.08	11.76	251I
Analysis	17.04	3.32	11.58	48.97	9.40	9.69	435T
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00			2013B8
Analysis ^d	8.75	3.48	10.03	65.98	10.12	1.64	100T
Brewers' Dried Grains and Molasses	17.00	4.80	15.00	45.00			2013C2
Analysis ^{d a}	18.85	4.65	14.25	49.14	8.56	4.55	108T
Jumbo Brand Peanut Hulls, Milo Head Stems, Cane Molasses, Ear Corn Chop with Husk, Cottonseed Meal, Corn Chop, Oyster Shell and Salt	7.50	1.40	27.50	44.00			2013C3
Analysis	6.35	.89	27.26	43.01	12.27	10.22	295F
Analysis ^{h29}	7.40	1.32	12.32	52.33	13.89	12.74	332F
Analysis ^{h29}	8.30	1.55	21.78	46.09	12.19	10.09	357F
Analysis ^{h30}	7.90	1.91	13.56	54.40	10.96	11.27	383F
Analysis ^{h31 e}	7.10	1.27	15.24	55.27	10.38	10.74	499W
Five Star Special Egg Mash	20.00	3.70	7.50	44.00			2013C4
Analysis	20.04	5.41	6.24	47.79	10.72	9.80	252F
Analysis	19.90	5.57	6.69	48.32	9.44	10.08	378F
Analysis	19.61	6.04	7.46	47.21	9.43	10.25	89K
Analysis	19.14	5.47	8.32	48.39	7.99	10.69	9T
Analysis	19.41	4.82	6.65	48.77	10.59	9.76	316T
Analysis	20.20	5.38	5.97	49.16	10.58	8.71	236W
Milo Head Stems and Kafir Head Stems with Molasses	4.50	0.80	20.00	55.00			2013C9
Analysis	5.40	.51	16.72	55.41	13.49	8.47	10T
McCoy's Special Crimped Whole Oats, Ear Corn Chop with Husk, Alfalfa Meal, Molasses, and Salt	8.00	1.50	14.00	55.00			2013D4
Analysis	9.66	2.26	12.55	55.79	11.85	7.89	434T
Texo All-Mash Chick Starter Pellets with Cod Liver Oil	18.00	4.00	6.20	51.00			2013D9
Analysis	19.35	4.17	4.62	53.44	11.01	7.41	338T
Five Star Special Egg Mash Pellets	20.00	3.70	7.50	44.00			2013E4
Analysis ^a	21.14	5.28	7.03	47.96	8.39	10.20	430S
Analysis ^a	19.95	4.98	6.12	50.27	9.25	9.43	406T
Texo Laying Mash Pellets with Cod Liver Oil, Buttermilk and Charcoal	19.00	3.60	8.00	45.00			2013E5
Analysis ^a	21.48	4.90	6.15	47.41	12.12	7.94	210F
Burrus Mill & Elevator Company,							
Fort Worth, Texas.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			75A
Analysis	17.80	4.20	6.08	57.08	10.89	3.95	4F
Analysis	19.06	4.02	5.54	56.96	10.33	4.09	75F

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁷Deficient in ground limestone.

²⁸Milo meal found, not claimed.

²⁹Bags printed for "Jumbo Sweet Feed." Name blocked out and sale resumed.

³⁰Ground peanut hulls claimed, not found. Ground whole oats and milo head chop found, not claimed. Excess ground milo head stems found. Printing on bags blocked out and sale resumed.

³¹Excess salt found.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Burrus Mill & Elevator Company,							
Fort Worth, Texas—Continued.							
Wheat Gray Shorts and Screenings—Continued.							
Analysis.....	18.45	3.80	5.59	56.58	11.54	4.04	76F
Analysis.....	19.24	3.67	5.08	56.98	11.14	3.89	105F
Analysis.....	18.70	4.32	6.18	55.05	11.42	4.33	129F
Analysis.....	18.61	3.95	5.56	57.56	10.49	3.83	417F
Analysis.....	18.73	4.35	5.55	56.65	10.42	4.30	421F
Analysis.....	17.94	4.57	6.13	56.41	10.68	4.27	450F
Analysis.....	18.00	4.40	6.20	56.80	10.00	4.60	464M
Analysis ³²	17.70	4.24	6.25	55.26	11.79	4.76	324T
Analysis.....	18.77	4.22	6.14	55.69	10.87	4.31	422T
Analysis ^{32 c}	19.11	4.31	6.25	55.62	10.23	4.48	26W
Analysis ^a	19.08	3.99	5.33	57.25	10.88	3.47	146W
Analysis ^{32 b c}	17.70	4.31	6.33	54.23	13.19	4.24	199W
Analysis.....	18.59	3.98	5.16	55.80	12.05	4.42	362W
Analysis ^a	19.05	4.19	5.25	55.88	11.82	3.81	369W
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	75F
Analysis ^a	17.58	4.53	10.04	50.65	10.87	6.33	139M
Byrd Company, Homer,							
San Angelo, Texas.							
Farmers Egg Mash.....	<i>18.50</i>	<i>4.00</i>	<i>8.00</i>	<i>46.00</i>	.....	.....	1859Z
Analysis.....	20.71	5.95	6.91	48.35	8.19	9.89	408S
Caddo-DeSoto Cotton Oil Company, Inc.,							
Shreveport, Louisiana.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	745A
Analysis.....	43.42	6.14	10.63	26.07	7.59	6.15	61F
Cain, A. M.,							
Mercedes, Texas.							
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	754A
Analysis ³³	17.04	4.04	9.13	52.92	11.62	5.25	241H
Cameron Cotton Oil Company,							
Cameron, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	471G
Analysis.....	43.48	7.38	9.90	26.60	7.06	5.58	5W
Analysis.....	42.54	5.84	11.53	28.11	6.19	5.79	94W
Analysis ^c	40.92	7.58	11.65	25.07	8.85	5.93	180W
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	471H
Analysis ^{h34}	41.86	6.69	10.59	26.19	8.78	5.89	268W
Canadian Grain Co-Op.,							
Canadian, Texas.							
Milo Chop and Molasses.....	<i>8.00</i>	<i>1.80</i>	<i>2.50</i>	<i>68.50</i>	.....	.....	1625B
Analysis ^{d a}	11.70	2.62	1.99	69.11	12.23	2.35	470K
Canadian Mill & Elevator Company,							
El Reno, Oklahoma.							
Canadian's Sure-Profit Brand Laying Mash.....	<i>20.00</i>	<i>4.00</i>	<i>7.50</i>	<i>46.00</i>	.....	.....	244B
Analysis ^{a35}	20.20	4.69	6.09	49.96	9.85	9.21	266K
Wheat Gray Shorts and Screenings.....	<i>16.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	244C
Analysis ^a	18.55	4.18	5.99	54.17	12.52	4.59	402K
Analysis ^{36 c}	19.25	4.80	6.85	55.63	9.61	3.86	221W
Big "C" Egg Mash.....	<i>18.00</i>	<i>3.50</i>	<i>7.50</i>	<i>46.00</i>	.....	.....	244K
Analysis.....	18.12	4.20	6.98	49.84	9.57	11.29	93K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³²Wheat brown shorts and screenings.³³Some wheat gray shorts found.³⁴Used by manufacturer in feeding own stock.³⁵Short in weight. Each sack even-weighted and sale resumed.³⁶Wheat brown shorts and screenings.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Canadian Mill & Elevator Company, El Reno, Oklahoma—Continued.							
Big "C" Dairy Feed.....	<i>15.00</i>	<i>3.00</i>	<i>14.00</i>	<i>46.00</i>	.....	.....	244P
Analysis ^{37 e}	16.30	4.02	13.33	47.58	9.12	9.65	178K
Big "C" 16% Protein Dairy Feed.....	<i>16.00</i>	<i>3.00</i>	<i>14.00</i>	<i>44.00</i>	.....	.....	244P
Analysis.....	16.99	3.17	13.33	46.12	8.82	11.57	328K
Canadian's Sure-Profit Brand Growing Mash.....							
.....	<i>18.00</i>	<i>3.60</i>	<i>7.00</i>	<i>47.00</i>	.....	.....	244W
Analysis.....	19.06	4.67	6.04	54.20	8.21	7.82	520K
Analysis.....	18.65	4.73	5.99	52.92	9.92	7.79	397T
Canadian's Sure-Profit Brand Laying Mash Pellets.....							
.....	<i>20.00</i>	<i>4.00</i>	<i>7.50</i>	<i>46.00</i>	.....	.....	244A3
Analysis.....	20.62	4.91	6.09	48.56	10.35	9.47	237T
Milky-Way Brand 20% Protein Dairy Feed.....							
.....	<i>20.00</i>	<i>4.00</i>	<i>12.00</i>	<i>43.00</i>	.....	.....	244A4
Analysis.....	22.26	4.85	10.87	45.64	7.74	8.64	160K
Canadian's Sure-Profit Brand Chick All-Mash.....							
.....	<i>18.00</i>	<i>3.60</i>	<i>6.50</i>	<i>49.00</i>	.....	.....	244A7
Analysis.....	20.10	4.86	5.44	53.62	8.06	7.92	445K
Canadian's Sure-Profit Brand Chick Starter Pellets.....							
.....	<i>18.00</i>	<i>3.70</i>	<i>6.00</i>	<i>49.00</i>	.....	.....	244B5
Analysis.....	20.24	4.81	5.06	52.50	9.31	8.08	400K
Canfield Grain Company, Mesquite, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	2448B
Analysis.....	8.45	3.44	10.92	63.57	11.64	1.98	46R
Analysis.....	8.50	3.46	10.11	65.52	10.59	1.82	76R
Analysis.....	8.30	3.29	11.84	65.68	9.29	1.60	103T
Analysis.....	7.90	3.03	11.73	64.13	11.28	1.93	167T
Capps Feed Store, McKinney, Texas.							
Capps Bros. Dairy Feed.....	<i>16.00</i>	<i>3.50</i>	<i>14.00</i>	<i>50.00</i>	.....	.....	2342D
Analysis.....	19.26	4.05	11.76	47.77	10.29	6.87	421T
Carlton Feed Mill, Carlton, Texas.							
Laying Mash.....	<i>19.00</i>	<i>3.80</i>	<i>7.50</i>	<i>47.00</i>	.....	.....	2160E
Analysis.....	20.78	5.38	7.48	49.15	7.75	9.46	70W
Carroll Bros., Gatesville, Texas.							
Sweet Cow Feed.....	<i>17.50</i>	<i>2.80</i>	<i>18.00</i>	<i>43.50</i>	.....	.....	600B
Analysis.....	20.55	4.24	12.26	45.77	10.79	6.39	407W
Carrollton Feed Mills, Carrollton, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	2473A
Analysis.....	8.92	3.05	10.95	62.07	11.42	3.59	68R
Analysis.....	8.20	2.87	10.75	64.10	12.43	1.65	77T
Analysis.....	8.70	2.62	11.58	64.44	10.55	2.11	93T
Analysis.....	8.40	3.14	10.62	65.10	11.08	1.66	98T
Whole Oat Chop.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	2473B
Analysis.....	11.80	4.21	10.53	58.58	10.87	4.01	69R
Analysis.....	12.25	4.63	10.11	61.66	6.19	5.16	78T
Analysis.....	9.96	4.94	11.24	60.11	9.59	4.16	427T
Corn Feed Meal.....	<i>8.00</i>	<i>3.00</i>	<i>3.00</i>	<i>67.00</i>	.....	.....	2473C
Analysis ^{38 e}	10.90	4.39	2.10	70.43	10.73	1.45	43R
Mixed Dairy Cow Feed.....	<i>16.00</i>	<i>3.50</i>	<i>14.00</i>	<i>48.00</i>	.....	.....	2473E
Analysis.....	17.65	3.77	11.45	48.56	10.95	7.62	76T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁷Obsolete tags attached.

³⁸Corn meal.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Carrollton Feed Mills,							
Carrollton, Texas—Continued.							
Peanut Hay and Molasses.....	<i>8.50</i>	<i>2.80</i>	<i>20.00</i>	<i>48.00</i>	.....	.....	2473I
Analysis.....	8.39	1.27	17.69	45.11	13.57	13.97	31R
Analysis ³⁹	7.95	1.12	17.77	51.45	13.97	7.74	94T
Analysis.....	8.18	1.42	19.27	41.90	12.53	16.70	150T
Alfalfa Meal and Molasses.....	<i>9.80</i>	<i>1.00</i>	<i>23.00</i>	<i>44.00</i>	.....	.....	2473J
Analysis.....	11.20	1.12	18.02	46.15	13.01	10.50	33R
Analysis ⁴⁰	10.71	.33	13.22	49.60	17.16	8.98	368T
Milo Meal.....	<i>10.00</i>	<i>2.50</i>	<i>3.00</i>	<i>70.00</i>	.....	.....	2473K
Analysis.....	11.00	2.62	3.21	68.67	12.05	2.45	113T
Milo Head Stems and Molasses.....	<i>4.50</i>	<i>0.80</i>	<i>19.00</i>	<i>56.00</i>	.....	.....	2473N
Analysis.....	5.69	.79	19.01	58.98	10.65	4.88	32R
Cash Grain and Seed Company,							
Waco, Texas.							
Ripley's Dairy Feed.....	<i>20.00</i>	<i>3.60</i>	<i>12.50</i>	<i>46.00</i>	.....	.....	2527A
Analysis.....	21.32	4.36	11.83	45.78	8.68	8.03	140W
Cason, L. C.,							
Cleburne, Texas.							
L. C. Cason Hen Feed.....	<i>10.00</i>	<i>2.40</i>	<i>3.50</i>	<i>69.00</i>	.....	.....	1461A
Analysis ⁴¹	12.22	2.23	1.92	69.80	12.11	1.72	392W
Center Milk Products Company,							
Grand Prairie, Texas.							
Condensed Buttermilk.....	<i>10.00</i>	<i>2.00</i>	<i>0.00</i>	<i>10.00</i>	.....	.....	2672A
Analysis.....	11.02	5.67	.15	12.99	62.79	7.38	431T
Central Fuel & Feed Company,							
Denison, Texas.							
Beamer's Dairy Feed.....	<i>22.00</i>	<i>4.00</i>	<i>12.00</i>	<i>43.00</i>	.....	.....	1901F
Analysis.....	23.73	4.93	11.39	43.95	10.26	5.74	356T
Central Seed & Feed Store,							
Wichita Falls, Texas.							
Central All-Mash Chick Starter.....	<i>16.00</i>	<i>3.50</i>	<i>5.00</i>	<i>55.00</i>	.....	.....	2673A
Analysis.....	16.12	4.98	2.65	57.22	12.22	6.81	241T
Mix Special Egg Mash with Charcoal.....	<i>18.00</i>	<i>3.50</i>	<i>6.70</i>	<i>52.00</i>	.....	.....	2673D
Analysis.....	18.80	4.74	5.90	53.89	7.40	9.27	48T
Central All-Mash Growing Mash.....	<i>14.50</i>	<i>3.30</i>	<i>6.00</i>	<i>53.00</i>	.....	.....	2673M
Analysis.....	16.80	4.57	5.47	54.96	10.29	7.91	334T
16% Protein Cow Feed.....	<i>16.00</i>	<i>3.20</i>	<i>12.50</i>	<i>51.00</i>	.....	.....	2673N
Analysis.....	16.52	4.37	11.98	53.03	8.16	5.94	49T
24% Protein Cow Feed.....	<i>24.00</i>	<i>4.00</i>	<i>11.00</i>	<i>42.00</i>	.....	.....	2673V
Analysis.....	24.18	4.83	10.66	45.72	8.59	6.02	457T
Mix Special Cow Feed.....	<i>15.50</i>	<i>3.00</i>	<i>14.00</i>	<i>40.00</i>	.....	.....	2673Y
Analysis.....	16.25	3.80	12.69	52.62	9.10	5.54	139T
Central Texas Oil Company,							
Mart, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	574G
Analysis.....	43.53	6.41	9.89	27.66	6.93	5.58	45W
Analysis.....	44.86	7.97	9.79	25.48	6.16	5.74	150W
Analysis.....	43.90	7.68	9.22	25.16	8.63	5.41	235W
Analysis.....	43.05	7.61	10.35	25.08	8.46	5.45	317W
Chapman Mill & Grain Company,							
Hondo, Texas.							
Very Good Brand Steel-Cut Corn.....	<i>9.00</i>	<i>3.50</i>	<i>3.00</i>	<i>70.00</i>	.....	.....	748A
Analysis ⁴²	12.25	3.62	2.09	69.10	11.38	1.56	433H

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁹Corn chop, whole oat chop and ground cottonseed hulls found, not claimed.⁴⁰Ground straw and grass present.⁴¹Barley claimed, not found.⁴²Wheat, milo and kafir found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Chavez Commission Company, El Paso, Texas.							
Hi-Quality Brand Laying Mash with Alfalfa Meal and Charcoal.	<i>18.50</i>	<i>3.50</i>	<i>8.00</i>	<i>45.00</i>			1402A
Analysis.	20.60	6.32	5.20	49.09	8.65	10.14	294S
Hi-Quality Brand Dairy Feed.	<i>19.00</i>	<i>3.80</i>	<i>10.00</i>	<i>48.00</i>			1402B
Analysis.	20.73	5.13	8.28	51.47	8.14	6.25	24S
Checkerboard Feed Store, Dallas, Texas.							
Dairy Mix.							
Analysis ^{a i h}	19.25	3.31	13.33	45.17	9.89	9.05	430T
Chickasha Cotton Oil Company, Chickasha, Oklahoma.							
Chickasha 28% Protein Whole-Pressed Cottonseed.	<i>28.00</i>	<i>6.00</i>	<i>23.00</i>	<i>29.00</i>			1301C
Analysis ⁴³	29.00	5.00	22.12	33.31	5.74	4.83	51T
Chickasha Quality 43% Protein Cottonseed Meal.	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1301E
Analysis.	45.31	6.18	9.79	26.45	6.59	5.68	94K
Analysis ^a	44.14	6.55	10.61	25.27	7.62	5.81	161K
Analysis ^c	42.46	6.55	9.97	27.75	7.80	5.47	262K
Chickasha Quality 43% Protein Cottonseed Cake.	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1301F
Analysis ^c	42.22	5.74	11.41	26.82	8.25	5.56	301K
Chickasha Prime 43% Protein Cottonseed Cake.	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1301G
Analysis ^{44 b}	44.94	6.75	8.92	25.48	8.59	5.32	261K
Analysis ⁴⁵	44.62	6.06	9.75	27.05	6.80	5.72	302K
Analysis ⁴⁵	42.75	6.19	9.98	28.00	7.29	5.79	303K
Super-Brand Chico-Lasses Mixed Feed.	<i>18.00</i>	<i>2.60</i>	<i>25.00</i>	<i>36.50</i>			1301I
Analysis ^{d a}	21.29	2.76	22.36	36.72	8.70	8.17	68K
Childress Cotton Oil Mill, Inc., Childress, Texas.							
43% Protein Cottonseed Cake.	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1122A
Analysis.	45.26	5.28	10.45	27.35	5.78	5.88	73K
Analysis.	45.97	5.38	9.91	26.17	6.83	5.74	143K
Analysis ^{e46}	41.71	6.10	11.14	28.77	6.73	5.55	253K
Analysis.	43.73	6.16	9.88	27.55	6.62	6.06	314K
Analysis ^c	41.61	5.15	10.89	29.02	7.36	5.97	319K
Analysis ⁴⁶	43.20	5.61	10.13	28.25	6.84	5.97	399K
43% Protein Cottonseed Meal.	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1122B
Analysis.	44.84	5.78	11.07	25.76	6.25	6.30	96K
Analysis.	45.03	5.76	10.50	26.57	6.51	5.63	145K
Analysis ^c	42.16	5.74	12.79	26.89	7.08	5.34	162K
Analysis.	44.20	5.95	9.73	27.40	6.91	5.81	228K
Analysis ^{b c}	40.20	6.87	10.39	30.05	7.07	5.42	284K
Analysis ^c	42.10	6.36	10.29	28.67	6.79	5.79	309K
Analysis.	42.53	6.07	10.51	28.26	6.92	5.71	331K
Analysis ^{b47}	44.36	5.61	9.57	27.26	7.12	6.08	396K
Analysis.	44.19	6.05	9.67	26.93	7.08	6.08	419K
Analysis.	43.86	6.84	9.59	26.97	6.99	5.75	484K
43% Protein Cottonseed Cubes.	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1122F
Analysis.	42.88	5.99	10.06	27.07	8.48	5.52	299K
Chillicothe Cotton Oil Company, Chillicothe, Texas.							
43% Protein Cracked Cottonseed Cake.	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>			2396B
Analysis.	44.34	5.68	10.13	26.88	6.98	5.99	144K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁴³Obsolete tags attached.

⁴⁴Cottonseed pellets.

⁴⁵Not tagged, but tags furnished.

⁴⁶Coarse cottonseed meal.

⁴⁷Cottonseed cake. Mutilated tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Chillicothe Cotton Oil Company, Chillicothe, Texas—Continued.							
Mixed Feed No. 1.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>	.....	.....	2396E
Analysis.....	10.40	2.66	36.66	39.91	6.74	3.63	102K
43% Protein Pebble-Size Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2396F
Analysis ⁴⁸	43.25	7.00	9.92	27.49	6.58	5.76	141K
Choctaw Cotton Oil Company, Durant, Oklahoma.							
Choctaw Mixed Feed.....	.....	.....	.....	.....	.....	.....	.....
Analysis ^f ^g ^h ⁱ	13.12	2.07	35.78	39.56	6.16	3.31	85T
Durco Mixed Feed.....	.....	.....	.....	.....	.....	.....	.....
Analysis ^f ^g ^h ⁱ	18.21	2.67	34.67	35.79	4.89	3.77	86T
City of Abilene, The, Abilene, Texas.							
Clover Leaf Brand 50% Protein Meat and Bone Scraps.....	<i>50.00</i>	<i>6.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	378A
Analysis ⁵⁰	58.98	11.22	2.37	.06	6.61	20.76	378A
Analysis ⁵¹ ^b	57.23	10.52	1.59	.03	6.80	23.83	344S
City Mill, Ennis, Texas.							
Ground Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	1421V
Analysis.....	10.40	6.24	10.61	59.22	9.59	3.94	521W
Clarendon Grain Company, Clarendon, Texas.							
Alfalfa Meal.....	<i>13.00</i>	<i>1.50</i>	<i>33.00</i>	<i>35.00</i>	.....	.....	1794I
Analysis.....	17.50	1.83	24.82	34.95	7.88	13.02	336K
Clark Bros. Feed Store, Stamford, Texas.							
Clark Bros. 6 Plus 6 Cow Feed.....	<i>19.00</i>	<i>4.00</i>	<i>12.00</i>	<i>49.00</i>	.....	.....	640A
Analysis.....	20.30	4.97	10.51	48.55	9.76	5.91	382S
Analysis.....	19.80	4.11	11.10	48.58	9.78	6.63	463S
Clark Bros. Laying Mash.....	<i>19.50</i>	<i>4.00</i>	<i>6.50</i>	<i>48.00</i>	.....	.....	640D
Analysis.....	19.86	4.72	5.47	52.96	10.32	6.67	131S
Analysis.....	21.99	5.15	4.76	51.80	9.68	6.62	418S
Clark Bros. Chick Starter.....	<i>17.50</i>	<i>3.50</i>	<i>6.00</i>	<i>48.00</i>	.....	.....	640E
Analysis.....	18.35	4.71	5.92	52.93	10.49	7.60	272S
Clark Bros. 6 Plus 6 Growing Mash.....	<i>17.50</i>	<i>3.60</i>	<i>6.50</i>	<i>51.00</i>	.....	.....	640I
Analysis.....	18.20	4.67	5.94	54.63	10.37	6.19	331S
Clark's Feed Store, Henry, Stephenville, Texas.							
Clark's Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	1063H
Analysis ⁵²	8.40	3.39	10.47	65.49	10.33	1.92	377T
Henry Clark's Six-Plus-Six Cow Feed.....	<i>18.70</i>	<i>4.00</i>	<i>12.00</i>	<i>51.00</i>	.....	.....	1063M
Analysis.....	19.00	4.43	11.52	48.90	10.66	5.49	186T
Analysis.....	19.30	4.32	13.07	46.94	9.94	6.43	300T
Analysis.....	19.40	4.34	13.16	49.52	8.10	5.48	67W
Henry Clark's Laying Mash with Charcoal.....	<i>19.50</i>	<i>3.70</i>	<i>5.50</i>	<i>45.00</i>	.....	.....	1063U
Analysis.....	22.20	5.54	5.32	47.78	8.66	10.50	478W
6 Plus 6 Starter Mash with Charcoal.....	<i>17.00</i>	<i>3.70</i>	<i>7.30</i>	<i>48.00</i>	.....	.....	1063W
Analysis.....	19.17	5.38	4.79	54.86	9.34	6.46	382T
Analysis.....	19.31	5.06	5.77	52.06	10.01	7.79	331W

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

⁴⁸Obsolete and incorrectly printed tags attached.

⁴⁹Blank tags attached.

⁵⁰Ground hair present.

⁵¹Tags incorrectly printed.

⁵²Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Clark's Feed Store, Henry, Stephenville, Texas—Continued.							
6 Plus 6 Laying Mash	20.00	4.00	8.00	49.00			1063X
Analysis	21.81	5.07	6.16	49.70	9.12	8.14	31T
Analysis	20.25	5.16	6.13	52.22	9.19	7.05	153W
Henry Clark's 6 Plus 6 Growing Mash	17.50	3.60	7.00	46.00			1063A5
Analysis	19.14	4.98	4.91	53.29	9.94	7.74	376T
Analysis	19.15	5.17	5.85	53.62	9.19	7.02	403W
Clarksville Cotton Oil Company, Clarksville, Texas.							
Clarko Mixed Feed	11.00	1.60	42.50	28.50			223D
Analysis	11.20	2.35	36.21	38.70	7.85	3.69	55F
Clarko 43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			223F
Analysis	44.32	6.06	9.73	25.26	8.48	6.15	206F
Clarko 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			223G
Analysis	45.35	6.11	8.87	26.43	6.99	6.25	54F
Analysis	43.72	7.56	9.63	25.70	7.00	6.39	207F
Analysis	45.34	6.33	9.30	26.02	6.15	6.86	281F
Analysis	43.45	6.98	10.06	26.79	6.21	6.51	126S
Analysis	43.94	7.41	9.31	27.31	5.82	6.21	127S
Clement Grain Company, Waco, Texas.							
Cen-Tex Crimped Whole Oats and Molasses	8.00	2.50	8.50	60.00			1894E
Analysis ⁵³	8.36	4.43	10.34	59.79	12.06	5.02	410M
Ground Whole Oats	11.00	4.00	12.00	58.00			1894H
Analysis	12.68	3.82	9.94	58.07	11.14	4.35	175M
Analysis	12.86	4.41	10.36	60.11	8.66	3.60	143W
Cen-Tex 24% Protein Dairy Feed	24.00	3.50	9.60	43.00			1894M
Analysis	22.45	4.72	8.92	45.33	10.11	8.47	451W
Cen-Tex Cow Feed	12.00	1.50	18.00	43.00			1894U
Analysis	12.80	1.26	17.03	43.26	12.17	13.48	163F
Analysis	12.70	1.44	16.16	44.39	12.63	12.68	296W
Analysis ⁵⁴	15.05	2.86	15.08	44.30	10.43	12.28	433W
Border Brand Egg Laying Mash	18.00	3.50	8.00	50.00			1894A1
Analysis	19.71	4.65	6.04	49.32	10.55	9.73	314F
Analysis	20.20	4.66	6.59	49.16	10.58	8.81	230W
Hominy Feed	10.00	6.00	7.00	60.00			1894A4
Analysis	10.80	7.06	4.29	65.68	9.53	2.64	96F
Cen-Tex 9% Protein Sweet Feed	9.00	1.50	22.00	44.00			1894B1
Analysis ⁵⁵	9.40	1.26	18.46	45.60	11.38	13.90	1M
Analysis ^{56 e}	9.50	2.11	18.75	47.78	8.07	13.79	31W
Cen-Tex 9% Protein Sweet Feed	9.00	1.20	19.00	45.00			1894B1
Analysis ⁵⁷	9.50	2.29	16.78	49.58	11.36	10.49	87F
Analysis ^a	11.29	1.25	11.22	56.37	10.72	9.15	110F
Analysis ^{a57}	9.42	1.89	18.28	49.45	11.45	9.51	87M
Analysis ^{a 57}	10.25	1.84	15.51	52.84	10.59	8.97	87S
Cen-Tex 9% Protein Sweet Feed	9.00	1.50	17.00	46.00			1894B1
Analysis ^{58 h}	8.95	2.14	18.59	47.95	9.32	13.05	431F
Cen-Tex Rice Hulls, Molasses, Milo Head Stems, Corn Husk, Cottonseed Meal, Corn Chop, Oyster Shell, and Salt	6.00	1.00	19.00	46.00			1894B2
Analysis ⁵⁹	7.90	1.91	19.93	47.94	8.46	13.86	470F
Analysis ⁶⁰	6.20	1.23	17.09	49.44	14.13	11.91	286W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁵³Fermented.

⁵⁴Deficient in powdered oyster shell.

⁵⁵Ground milo head stems and corn chop found, not claimed. Ground corn husk claimed, not found.

⁵⁶Ground milo head stems found, not claimed.

⁵⁷Wheat bran claimed, not found. Ground corn cobs and screenings found, not claimed.

⁵⁸Short in weight. Each sack even-weighted and sale resumed.

⁵⁹Oat hulls found, not claimed. Ground corn husk claimed, not found. Weevils present, and feed fermented.

⁶⁰Ground oat hulls found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Clement Grain Company, Waco, Texas—Continued.							
Extra Special Brand "5" Laying Mash	<i>19.00</i>	<i>3.50</i>	<i>7.50</i>	<i>46.50</i>	.....	.....	1894B3
Analysis	16.33	3.77	7.21	55.90	10.77	6.02	177W
Cen-Tex All-Mash Starter with Sulphur	<i>17.50</i>	<i>3.60</i>	<i>5.00</i>	<i>54.00</i>	.....	.....	1894B8
Analysis	20.92	4.77	4.55	51.66	10.35	7.75	417W
Cen-Tex Rice Hulls, Molasses, Screenings, Corn Husk, Corn Chop, Oyster Shell, and Salt	<i>3.50</i>	<i>1.00</i>	<i>18.00</i>	<i>50.00</i>	.....	.....	1894C2
Analysis	7.28	1.85	15.11	50.00	12.01	13.75	531W
Swine Supplement	<i>35.34</i>	<i>4.92</i>	<i>5.92</i>	<i>32.28</i>	<i>8.26</i>	<i>13.28</i>	149W
Analysis ^a	35.34	4.92	5.92	32.28	8.26	13.28	149W
Cliff Grain Company, Dallas, Texas.							
Popular Brand Egg Laying Mash with Charcoal	<i>19.50</i>	<i>3.80</i>	<i>5.50</i>	<i>48.00</i>	.....	.....	1522B
Analysis	19.98	4.97	4.64	52.24	9.16	9.01	424T
Cream Brand Cow Feed	<i>25.00</i>	<i>4.00</i>	<i>13.00</i>	<i>40.50</i>	.....	.....	1522C
Analysis	25.32	4.51	13.31	40.52	9.05	7.29	20R
New Deal Brand Mixed Cow Feed	<i>18.00</i>	<i>3.80</i>	<i>27.00</i>	<i>36.00</i>	.....	.....	1522K
Analysis	20.81	3.63	23.22	40.61	5.81	5.92	21R
Cliff Grain Mixed Cow Feed	<i>13.50</i>	<i>2.60</i>	<i>31.00</i>	<i>33.00</i>	.....	.....	1522L
Analysis	16.36	3.65	30.07	33.07	9.13	7.72	22R
Analysis	17.63	3.78	29.85	31.21	9.35	8.18	423T
Cocanougher's Feed Store, C., Decatur, Texas.							
The Big 9 Laying Mash	<i>18.00</i>	<i>3.70</i>	<i>7.50</i>	<i>45.00</i>	.....	.....	992A
Analysis	19.10	5.20	5.59	52.30	8.70	9.11	404T
Cole Feed Company, Dallas, Texas.							
Diamond Brand Egg Mash with Charcoal	<i>18.00</i>	<i>3.50</i>	<i>7.00</i>	<i>49.00</i>	.....	.....	1424B
Analysis	19.68	4.91	7.45	48.98	10.39	8.59	61R
Analysis	18.30	5.12	7.60	50.87	10.03	8.08	104T
Cole's Dairy Feed	<i>16.00</i>	<i>3.30</i>	<i>16.00</i>	<i>44.00</i>	.....	.....	1424C
Analysis	16.35	3.08	16.98	46.43	8.75	8.41	15R
Analysis	16.00	3.16	14.61	48.54	9.21	8.48	72R
Diamond Brand Starter and Growing Mash with Charcoal	<i>14.00</i>	<i>3.20</i>	<i>6.00</i>	<i>54.00</i>	.....	.....	1424D
Analysis	17.60	4.52	8.03	51.49	11.39	6.97	60R
Sunshine Laying Mash	<i>18.00</i>	<i>3.60</i>	<i>7.50</i>	<i>48.00</i>	.....	.....	1424F
Analysis	17.69	4.49	7.46	52.08	11.00	7.28	59R
Analysis	16.40	4.87	6.77	56.26	9.18	6.52	71R
Coleman Cotton Oil Mill, Coleman, Texas.							
Mixed Feed	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.00</i>	.....	.....	2051A
Analysis	13.28	2.60	36.10	38.96	6.02	3.04	196S
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2051C
Analysis ^c	40.38	8.14	13.17	27.70	5.27	5.34	36S
Analysis	44.69	7.27	10.53	26.00	6.34	5.17	43S
Analysis ^c	41.88	6.89	12.22	27.71	6.27	5.03	54S
Analysis	43.13	7.00	10.98	27.55	6.43	4.91	125S
Analysis ^c	41.28	8.24	11.56	26.92	7.04	4.96	174S
Analysis	43.17	7.11	11.16	26.74	6.85	4.67	305T
43% Protein Cottonseed Cake	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2051D
Analysis	45.57	5.58	10.13	27.12	6.26	5.34	42S
Analysis	43.33	6.05	11.43	27.17	7.03	4.99	119S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Collin County Cotton Oil Company, McKinney, Texas.							
Primo Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>			809A
Analysis ⁶¹	43.19	6.34	12.31	26.34	6.31	5.51	209T
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			809B
Analysis.....	43.77	6.29	10.91	26.88	6.88	5.27	105S
Analysis.....	43.52	6.13	11.55	26.48	6.59	5.73	468T
Collin County Milk Products Company, McKinney, Texas.							
Dried Skimmed Milk.....	<i>34.00</i>	<i>0.20</i>	<i>0.00</i>	<i>50.00</i>			2663A
Analysis.....	35.63	.42	.08	48.68	7.27	7.92	366T
Collin County Mill & Elevator Company, McKinney, Texas.							
Wheat Gray Shorts.....	<i>17.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>			31B
Analysis ⁶²	17.90	3.79	5.94	56.46	11.44	4.47	155T
Comanche Milling Company, Comanche, Texas.							
Hoff's Best Growing Mash.....	<i>18.00</i>	<i>3.80</i>	<i>7.00</i>	<i>49.00</i>			2613T
Analysis.....	19.45	5.08	6.89	50.06	9.11	9.41	480W
Hoff's Sweet Egg Mash.....	<i>19.00</i>	<i>3.60</i>	<i>8.00</i>	<i>48.00</i>			2613W
Analysis.....	19.45	4.81	6.39	52.11	9.14	8.10	72W
Hoff's 20% Protein Dairy Feed.....	<i>20.00</i>	<i>3.50</i>	<i>12.00</i>	<i>39.80</i>			2613X
Analysis.....	20.50	4.25	10.39	46.75	9.75	8.36	158W
Commerce Oil Mill Company, Commerce, Texas.							
Hereford Brand Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.00</i>			150F
Analysis.....	11.00	2.48	40.73	38.26	4.38	3.15	149F
Analysis.....	11.40	2.48	39.57	34.61	8.35	3.59	353F
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			150G
Analysis.....	45.64	6.18	10.26	24.50	7.47	5.95	30F
Analysis.....	42.33	6.46	11.89	25.88	7.78	5.66	148F
Analysis ⁶³	42.25	6.33	11.38	26.51	8.14	5.39	104M
Community Milling Company, El Paso, Texas.							
Victory Chick Starter with Charcoal..	<i>15.00</i>	<i>4.00</i>	<i>5.00</i>	<i>55.00</i>			2341F
Analysis.....	16.95	5.55	4.50	57.30	8.93	6.77	299S
Victory Laying Mash with Charcoal..	<i>18.00</i>	<i>4.00</i>	<i>7.00</i>	<i>51.00</i>			2341K
Analysis.....	20.75	4.98	6.33	52.13	7.79	8.02	436S
Community Dairy Feed.....	<i>15.00</i>	<i>3.80</i>	<i>8.20</i>	<i>55.00</i>			2341L
Analysis ⁶³	18.06	4.49	7.15	58.04	7.25	5.01	398S
Victory Growing Mash with Charcoal.	<i>14.00</i>	<i>3.50</i>	<i>8.00</i>	<i>55.50</i>			2341U
Analysis.....	16.99	5.38	4.82	58.18	9.20	5.43	298S
Wheat Gray Shorts.....	<i>16.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>			2341A4
Analysis.....	19.55	3.94	5.85	57.42	8.74	4.50	435S
Conkey Feed Mills of Texas, The, Dallas, Texas.							
Big-Value Brand Egg Mash with Cod Liver Oil.....	<i>18.50</i>	<i>4.00</i>	<i>7.50</i>	<i>46.00</i>			1327C
Analysis.....	22.00	7.19	6.39	46.34	7.61	10.47	77R
Analysis ⁶⁴	20.25	6.10	7.19	47.61	9.53	9.32	265T
Analysis.....	21.21	6.56	6.37	49.18	8.44	8.24	522W
Conkey's Ground Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>			1327E
Analysis.....	11.50	4.98	12.22	57.05	9.67	4.58	166T
Conkey's Y-O (The Original) Starting Feed with Red Oxide of Iron.....	<i>18.00</i>	<i>4.00</i>	<i>7.00</i>	<i>52.00</i>			1327K
Analysis.....	19.51	6.43	6.16	52.25	9.95	5.70	327T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁶¹Cottonseed meal.

⁶²Wheat gray shorts and screenings.

⁶³Rolled whole oats and rolled whole barley found, not claimed.

⁶⁴Excess of ground oyster shell found and deficient in salt.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Conkey Feed Mills of Texas, The, Dallas, Texas—Continued.							
Conkey's Y-O Brand Egg Mash with Red Oxide of Iron	20.00	4.00	7.00	44.00			1327P
Analysis ^e	22.94	5.65	6.62	46.10	10.05	8.64	123T
Conkey's Y-O Brand Egg Mash with Red Oxide of Iron	20.00	4.00	8.00	45.00			1327P
Analysis	21.72	6.39	6.57	48.82	8.92	7.58	443W
Conkey's Falfalass	11.00	0.80	24.00	41.00			1327U
Analysis	9.72	.53	18.26	44.40	15.71	11.38	124T
Conkey's Ground Corn, Corn Husks, and Corn Cobs	5.50	2.00	19.00	58.00			1327W
Analysis	8.59	3.29	11.19	64.44	10.42	2.07	112T
Peanut Hulls and Molasses	6.70	1.00	41.00	35.00			1327B6
Analysis ⁶⁵	9.06	2.86	29.65	35.52	15.67	7.24	164T
Analysis ⁶⁶	7.20	1.41	24.67	45.59	14.50	6.63	436W
Conkey's Y-O Brand All-Mash Chick Ration with Red Oxide of Iron	16.00	4.00	7.00	54.00			1327D2
Analysis	17.83	6.09	6.83	52.97	9.83	6.45	296T
Conkey's Red Seal 24% Protein Dairy Feed	24.00	4.00	8.50	46.00			1327D5
Analysis ⁶⁷	26.15	4.41	9.63	43.60	9.49	6.72	78R
Crimped Whole Oats	11.00	4.00	12.00	58.00			1327E3
Analysis	12.15	5.40	11.58	56.55	10.46	3.86	44R
Conkey's Y-O Brand Broiler Mash with Red Oxide of Iron	19.00	4.00	7.00	50.00			1327E5
Analysis	19.20	6.44	8.57	50.81	8.33	6.65	297T
Conkey's Y-O Brand Egg Mash Pellets with Red Oxide of Iron	20.00	4.00	8.00	45.00			1327G5
Analysis	20.55	5.86	7.14	50.13	9.41	6.91	79R
Consolidated Flour Mills Company, The, Wichita, Kansas.							
Wheat Gray Shorts and Screenings	17.00	3.50	6.00	55.00			2506F
Analysis	19.40	4.52	4.98	55.45	11.32	4.33	359F
Analysis	18.59	4.41	5.46	55.69	11.62	4.23	480K
Analysis	17.32	4.64	5.96	55.27	12.34	4.47	255T
Consolidated Products Company, Danville, Illinois.							
Condensed Buttermilk	10.00	2.00	0.00	10.00			835A
Analysis	9.78	3.12	.21	9.34	74.04	3.51	277H
Analysis ^a	10.67	2.28	.37	11.22	69.92	5.54	19W
Dried Buttermilk	30.00	5.50	0.00	40.00			835B
Analysis ^a	34.46	10.39	.33	38.82	5.81	10.19	321T
Consumers Fuel, Grain & Ice Company, Houston, Texas.							
Consumers' Dairy Feed	15.00	3.90	14.00	48.00			1358A
Analysis	20.16	5.50	11.93	47.27	9.65	5.49	307M
Blue Bell Scratch Feed	10.00	3.00	4.00	68.00			1358B
Analysis ⁶⁸	11.70	2.89	2.04	68.38	13.60	1.39	306M
Continental Oil-Cotton Company, Colorado, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			800A
Analysis	42.67	8.39	10.34	26.66	6.55	5.39	357K
Analysis	43.80	7.73	10.80	26.66	5.85	5.16	75S
Analysis	43.44	8.15	10.72	26.68	5.82	5.19	78S
Analysis ^e	41.80	8.60	11.72	26.66	6.26	4.96	121S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁶⁵Oats, corn chop, and corn bran found, not claimed. Deficient in peanut hulls.⁶⁶Ground screenings from corn, oats and wheat present, not claimed. Deficient in peanut hulls.⁶⁷Ground screenings from corn, oats, wheat and barley present, not claimed. Deficient in ground limestone and salt.⁶⁸Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Continental Oil-Cotton Company,							
Colorado, Texas—Continued.							
43% Protein Cottonseed Meal—Cont.							
Analysis <i>c</i>	41.00	8.10	11.76	27.81	6.16	5.17	136S
Analysis ⁶⁹ <i>b c</i>	40.98	6.13	12.68	29.01	6.09	5.11	139S
Analysis <i>e</i>	42.13	8.55	11.14	27.00	6.08	5.10	140S
Analysis <i>e</i>	43.61	8.45	9.83	26.30	6.56	5.25	181S
Analysis <i>e</i>	42.01	9.88	10.37	26.83	5.78	5.13	213S
Analysis <i>e</i>	42.17	9.75	9.87	25.84	6.48	5.89	266S
Analysis <i>e</i>	43.91	8.36	8.83	26.73	6.60	5.57	287S
Analysis <i>e</i>	41.53	7.31	11.83	27.34	6.63	5.36	289S
Analysis <i>e</i>	42.98	7.75	9.90	27.48	6.66	5.23	384T
Analysis <i>e</i>	43.00	8.13	9.97	27.11	6.06	5.73	F
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			800B
Analysis <i>e</i>	44.14	6.79	10.87	27.05	6.04	5.11	79S
Analysis <i>e</i>	44.18	6.96	9.90	27.19	6.62	5.15	111S
Analysis <i>e</i>	44.30	7.20	9.03	26.61	7.52	5.34	180S
Analysis <i>e</i>	44.46	6.89	9.39	26.70	7.20	5.36	214S
Analysis <i>e</i>	44.66	7.90	8.74	26.30	6.96	5.44	217S
Analysis <i>e</i>	42.99	6.62	10.19	26.92	7.97	5.31	256S
Analysis <i>e</i>	44.57	6.75	9.88	25.99	7.14	5.67	309S
Coweta Mixed Feed	11.00	1.60	42.50	28.50			800D
Analysis <i>e</i>	12.00	2.68	39.33	36.40	5.59	4.00	498K
Analysis <i>e</i>	11.92	2.81	38.38	37.01	6.69	3.19	429S
Cook Company, The,							
McAllen, Texas.							
Cook's Dairy Feed No. 3	15.00	3.00	16.00	45.00			132C
Analysis ⁷⁰	17.03	3.33	16.78	45.03	9.56	8.27	431H
Cooper Cotton Oil Company,							
Cooper, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			149C
Analysis <i>e</i>	43.00	5.83	11.56	25.90	7.91	5.80	29F
Analysis <i>e</i>	43.56	7.67	10.01	26.10	6.65	6.01	147F
Analysis <i>e</i>	44.33	6.43	9.56	23.67	9.64	6.37	306F
Mixed Feed	13.00	1.80	41.50	28.00			149G
Analysis <i>e</i>	13.50	2.49	36.83	36.81	6.62	3.75	146F
Analysis <i>e</i>	13.10	2.51	38.23	34.91	7.24	4.01	307F
Cooperative Gin & Supply Company,							
Big Spring, Texas.							
Blue Circle 24% Protein Dairy Feed	24.00	3.70	10.00	43.00			1121H
Analysis <i>e</i>	24.65	5.14	8.73	47.41	8.61	5.46	216S
Corn Products Refining Company,							
New York, New York.							
Buffalo Corn Gluten Feed	25.00	2.00	8.50	41.50			2309A
Analysis <i>e</i>	26.19	2.59	8.18	48.44	8.22	6.38	58H
Analysis <i>a</i>	27.51	3.20	7.15	46.00	8.08	8.06	86H
Analysis <i>e</i>	27.65	2.08	8.28	46.87	8.34	6.78	370K
Analysis <i>e</i>	27.30	2.29	8.18	45.90	10.20	6.13	191M
Analysis <i>e</i>	28.07	1.33	7.42	45.41	9.71	8.06	444M
Analysis <i>e</i>	27.53	1.92	7.44	46.20	10.86	6.05	343S
Diamond Corn Gluten Meal	43.00	1.00	4.00	38.00			2309B
Analysis <i>e</i>	43.52	4.28	1.93	40.24	8.49	1.54	59H
Argo Corn Oil Meal	20.00	6.00	12.00	43.00			2309C
Analysis <i>e</i>	23.64	7.94	10.82	45.85	8.13	3.62	66R
Corpus Christi Cotton Oil Mill,							
Corpus Christi, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1845F
Analysis <i>e</i>	43.49	6.87	10.87	26.58	6.05	6.14	19H
Analysis <i>e</i>	42.65	6.55	11.02	26.49	7.28	6.01	155H
Analysis <i>a</i>	43.00	6.47	10.10	26.44	7.96	6.03	372H

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

⁶⁹Cottonseed cake. Mutilated tags attached.

⁷⁰Rolled whole oats found, not claimed. Deficient in ground limestone.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Coryell County Cotton Oil Company, Gatesville, Texas.							
Golden Gate Laying Mash	20.00	3.70	8.00	46.50			490C
Analysis	21.53	5.12	7.85	48.60	9.58	7.32	337W
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			490G
Analysis ^c	40.55	8.70	12.35	27.85	5.49	5.06	76W
Analysis ^b	41.37	7.73	11.54	28.57	5.79	5.00	138W
Analysis	42.86	8.01	11.79	25.68	6.22	5.44	165W
Analysis ^c	41.66	7.42	11.82	26.50	7.43	5.17	252W
Analysis	42.02	7.86	11.46	25.31	8.16	5.19	338W
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			490H
Analysis	44.47	6.43	10.27	26.32	7.09	5.42	253W
Golden Gate Growing Mash with Charcoal	17.70	3.60	8.30	48.50			490P
Analysis	18.70	4.89	8.24	50.78	8.29	9.10	486W
Cotterly Hatchery & Poultry Farm, Wichita Falls, Texas.							
Chick Starter with Iron Oxide	16.50	3.60	5.00	52.00			2533E
Analysis	19.68	5.27	2.43	55.94	9.69	6.99	336T
Crawford Grain & Elevator Company, Houston, Texas.							
Blue Bird Laying Mash	20.50	3.70	6.00	46.00			870G
Analysis	23.33	6.34	4.81	46.77	7.69	11.06	122M
Sheldon's Start-to-Finish Mash with Red Oxide of Iron	19.00	4.00	5.50	47.00			870L
Analysis	23.44	4.99	4.83	47.86	9.67	9.21	408M
Money-Maker Brand Mixed Cow Feed	19.00	3.30	14.00	41.00			870M
Analysis	23.45	3.78	12.59	43.44	9.27	7.47	24M
Blue Bird Growing Mash with Charcoal	17.50	3.50	5.50	51.00			870O
Analysis	19.87	5.21	4.18	52.53	9.44	8.77	407M
Big Six Brand Stock Feed	9.50	3.80	21.00	48.00			870V
Analysis ¹	12.56	1.86	18.81	46.70	14.79	5.28	314M
Alfalfa Stem Meal and Molasses	7.50	0.60	30.00	38.50			870A5
Analysis	9.55	.42	24.07	42.45	16.18	7.33	341M
Peanut Hulls and Molasses	6.50	1.00	41.80	34.50			870B2
Analysis	8.49	1.08	32.54	35.97	16.26	5.66	315M
Crech, W. M., Olney, Texas.							
Olney Maid Dairy Feed	24.00	4.00	12.00	40.00			909E
Analysis	24.71	4.70	10.01	47.07	7.12	6.39	43T
Olney Maid Laying Mash	18.20	3.50	7.20	49.50			909F
Analysis	20.18	4.64	6.53	50.13	7.61	10.91	44T
Crockett Cotton Oil Mill, Crockett, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			573K
Analysis	44.45	6.62	10.68	24.78	7.73	5.74	64F
Analysis	44.69	7.02	10.12	25.05	7.23	5.89	130F
Analysis	44.95	6.80	9.59	24.78	7.96	5.92	218F
Analysis	44.34	6.67	9.60	24.60	8.54	6.25	342F
43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00			573L
Analysis	43.33	7.39	10.37	26.33	6.79	5.79	65F
Analysis	42.50	6.74	11.16	26.17	7.57	5.86	341F
Crosbyton Grain Growers, Inc., Crosbyton, Texas.							
Sun-Ray Brand Laying Mash	18.00	3.50	6.50	48.00			1738H
Analysis	20.03	5.02	5.57	49.83	10.44	9.11	227K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹Wheat bran substituted in part for rice bran.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Crowley Feed Company, San Antonio, Texas.							
Ground Peanut Hay.....	10.00	3.50	24.00	44.00	.....	.....	827B
Analysis ^a	11.20	2.08	23.93	39.75	9.93	13.11	289H
Ground Hegari Stalks and Stems with Molasses.....	4.30	0.80	20.00	55.00	.....	.....	827E
Analysis ^d	3.41	.62	17.12	54.37	14.67	9.81	182H
Cuero Cotton Oil & Manufacturing Company, Cuero, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	402K
Analysis ^e	40.82	7.55	11.06	28.07	7.46	5.04	117H
Analysis.....	42.88	6.75	10.91	26.44	7.72	5.30	192H
Analysis.....	43.49	6.77	10.11	26.41	8.08	5.14	195H
Analysis ^e	41.94	6.63	11.56	26.84	7.73	5.30	282H
Analysis.....	43.87	6.34	10.46	26.02	7.94	5.37	341H
Analysis ^e	41.94	6.49	11.40	26.90	7.97	5.30	461H
Dairy Farmers Co-Operative Society, Denton, Texas.							
Co-Op Special Egg Mash.....	19.50	3.50	7.50	49.00	.....	.....	268B
Analysis.....	20.80	4.82	6.54	49.37	9.44	9.03	410T
Egg Laying Mash.....	20.40	3.50	8.00	44.50	.....	.....	268E
Analysis.....	22.03	4.89	7.16	45.19	10.36	10.37	267T
Dallas Animal By-Products Company, Dallas, Texas, and Branches.							
Golden Brand Special 50% Protein Meat and Bone Scraps.							
.....	50.00	6.00	3.00	0.00	.....	.....	1534B
Analysis ^e	49.11	9.27	1.64	.53	7.15	32.30	121K
Analysis ^b	48.54	13.59	1.72	.71	7.47	27.97	90M
Analysis.....	49.64	12.16	2.12	.07	7.62	28.39	178M
Analysis.....	50.99	12.70	1.23	.96	9.22	24.90	269M
Analysis.....	50.97	9.77	1.65	1.09	6.49	30.03	418M
Analysis ^c	48.28	10.71	1.44	.98	6.03	32.56	467M
Analysis ^c	48.07	12.40	1.99	.03	5.49	32.02	9R
Analysis.....	50.09	9.17	1.88	.02	7.70	31.14	175S
Analysis.....	49.60	10.42	1.81	.11	6.22	31.84	423S
Analysis.....	49.90	9.49	1.78	.13	5.95	32.75	14T
Analysis.....	49.99	8.57	1.77	.77	7.72	31.18	168T
Analysis.....	50.00	9.31	1.92	.10	7.49	31.18	242T
Analysis ^e	48.35	13.23	1.28	1.54	6.73	28.87	105W
Analysis ^e	48.86	9.10	1.83	.14	7.16	32.91	245W
Golden Brand 60% Protein Digester Tankage.							
.....	60.00	8.00	3.00	0.00	.....	.....	1534D
Analysis ^f	54.15	8.85	1.39	.58	10.87	24.16	56R
Analysis ^g	63.23	7.38	1.29	.95	7.72	19.43	64R
Analysis ^h	59.78	2.42	.91	2.15	15.40	19.34	92T
Analysis ⁱ	64.00	7.16	1.19	2.21	8.29	17.15	349T
Dallas Oil & Refining Company, Dallas, Texas.							
Dorco Mixed Feed.....	11.00	1.60	42.50	28.00	.....	.....	289F
Analysis.....	12.23	2.23	35.77	40.06	6.44	3.27	256T
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	289G
Analysis.....	43.80	6.10	11.19	27.33	6.14	5.44	4R
Analysis.....	43.02	6.07	11.21	27.06	7.27	5.37	104S
Analysis ^e	41.89	6.91	12.19	27.70	5.94	5.37	67T
Analysis.....	43.20	6.70	11.04	26.88	6.47	5.71	121T
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	289H
Analysis.....	43.30	5.68	11.17	27.31	6.97	5.57	257T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁷²Some dried blood present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dansby Mill & Feed Store, W. H., Clifton, Texas.							
Laying Mash.....	20.00	3.50	7.50	45.00	.....	.....	2100G
Analysis.....	20.60	5.83	7.34	45.20	10.35	10.68	238W
16% Protein Dairy Feed.....	16.00	3.80	11.50	51.00	.....	.....	2100H
Analysis.....	16.84	4.88	9.64	52.86	9.94	5.84	472W
Davis Feed Store, San Antonio, Texas.							
A. C. Mixed Feed.....	10.00	1.60	30.00	37.00	.....	.....	1023D
Analysis.....	12.20	2.19	27.85	45.74	6.62	5.40	216H
Davis Feed Store, John, Big Spring, Texas.							
Davis' Dairy Feed.....	18.00	3.00	11.00	50.00	.....	.....	667A
Analysis.....	21.93	3.88	9.61	49.92	9.45	5.21	8S
Dawe & Son, Thos., Gonzales, Texas.							
Laying Mash with Charcoal.....	18.00	3.50	6.50	50.00	.....	.....	1717D
Analysis.....	20.85	4.24	5.15	52.43	10.22	7.11	352H
Starter and Developer Mash with Charcoal.....	16.00	3.30	6.50	53.00	.....	.....	1717E
Analysis.....	19.20	4.17	4.61	54.58	11.74	5.70	285H
Dawe's Vitamelk Company, Chicago, Illinois.							
1938 D-V Base containing Minerals.....	21.00	4.50	5.00	45.00	.....	.....	2449A
Analysis ^a	23.10	6.73	4.33	49.88	8.42	7.54	329W
Dawson Cotton Oil Company, Dawson, Texas.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1941A
Analysis.....	42.59	6.09	11.32	27.10	6.96	5.94	82W
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1941B
Analysis ^c	41.61	6.79	10.61	26.64	8.68	5.67	347F
Analysis ^c	42.47	6.95	9.34	26.49	9.00	5.75	361F
Analysis ^c	42.38	6.81	10.77	25.38	8.95	5.71	389F
Analysis ^c	41.79	6.33	10.86	26.51	8.91	5.60	402T
Analysis.....	41.77	6.18	11.99	28.10	6.38	5.58	29W
Analysis.....	42.10	6.51	11.47	26.52	7.85	5.55	118W
Analysis ^e	41.92	6.43	10.42	26.83	8.40	6.00	292W
Analysis.....	42.54	6.60	10.66	26.90	7.65	5.65	294W
Analysis ^e	41.02	7.42	11.35	26.34	8.36	5.51	365W
Dawson County Cotton Oil Company, Lamesa, Texas.							
28% Protein Whole-Pressed Cottonseed Pellets.....	28.00	6.00	23.00	29.00	.....	.....	339A
Analysis.....	31.36	6.93	21.91	28.03	7.57	4.20	130T
Analysis.....	27.70	5.55	20.65	33.72	8.07	4.31	256W
28% Protein Ground Whole-Pressed Cottonseed.....	28.00	6.00	23.00	29.00	.....	.....	339C
Analysis.....	29.64	5.93	22.33	32.02	5.61	4.47	199K
Denison Peanut Company, Inc., Denison, Texas.							
36% Protein Ground Whole-Pressed Peanuts.....	36.00	6.00	22.00	20.00	.....	.....	2387F
Analysis ⁷³	33.15	14.90	10.92	26.37	5.35	9.31	156T
30% Protein Whole-Pressed Peanut Screenings.....	30.00	10.00	14.00	32.00	.....	.....	2387I
Analysis.....	27.36	13.06	15.08	33.30	5.81	5.39	470T
Denison Peanut Company's Economy Brand Peanut Hulls and Molasses.....	6.80	1.20	44.00	33.00	.....	.....	2387P
Analysis.....	7.56	1.23	32.43	34.24	16.80	7.74	153T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

73Rancid odor noticeable.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Denver Alfalfa Milling & Products Company, The, Lamar, Colorado.							
Alfalfa Meal	13.00	1.50	33.00	35.00			1824A
Analysis	14.22	1.78	27.04	35.33	9.28	12.35	127F
Alfalfa Leaf Meal	20.00	2.50	18.00	40.00			1824C
Analysis ⁷⁴	18.95	1.67	13.89	32.47	7.00	26.02	532K
Alfalfa Stem Meal	9.00	0.80	40.00	30.00			1824E
Analysis ^e	10.43	1.07	38.31	33.76	8.84	7.59	460K
Analysis	12.16	1.46	33.67	36.49	7.59	8.63	121M
Analysis	10.25	1.39	36.65	34.39	10.50	6.82	319M
Alfalfa Stem Meal and Molasses	9.00	0.80	30.00	40.00			1824H
Analysis	9.25	.57	25.61	46.03	9.15	9.39	260K
Dimmitt Wheat Growers, Inc., Dimmitt, Texas.							
Milk-Producer Brand Dairy Feed	16.60	3.20	10.00	52.00			513E
Analysis	18.96	3.61	8.19	51.47	10.43	7.34	209K
Dittlinger Roller Mills Company, H., New Braunfels, Texas.							
Wheat Gray Shorts	17.00	4.00	6.00	55.00			13D
Analysis ^{75 c}	19.30	4.08	6.75	55.50	9.43	4.94	35H
Analysis	19.08	4.15	5.63	55.88	11.05	4.21	138H
Analysis ^{75 c}	19.19	4.46	6.66	55.46	9.07	5.16	452H
Analysis ^{75 c}	18.00	4.01	6.35	56.46	10.98	4.20	160M
Analysis	18.55	3.81	5.97	57.14	10.14	4.39	229M
Analysis	18.52	4.39	5.54	56.30	10.69	4.56	510W
Dittlinger's Best All-Mash Starter	18.00	3.80	6.00	48.00			13M
Analysis	20.71	4.19	4.23	51.81	11.66	7.40	338H
Analysis	21.50	4.80	4.18	53.38	9.61	6.53	316W
Dittlinger's Quality Brand Growing Mash with Charcoal	16.00	3.60	6.00	52.50			13T
Analysis	16.40	3.86	5.17	55.64	11.53	7.40	288H
Analysis	17.50	4.56	5.35	55.98	9.75	6.86	408H
Analysis	17.00	3.57	4.50	58.68	10.03	6.22	400M
Dittlinger's Best Laying Mash Concentrate	35.00	3.70	7.50	30.00			13U
Analysis	35.90	4.41	6.05	28.59	6.76	18.29	48H
Red Star Cow Feed	10.00	1.80	17.00	44.00			13A9
Analysis	11.00	1.39	22.33	47.39	11.16	6.73	40H
Analysis ^e	10.70	2.75	29.95	39.49	10.02	7.09	1W
Red Star Cow Feed	10.00	1.80	24.00	44.00			13A9
Analysis	12.02	1.69	19.86	45.50	13.59	7.34	174H
Analysis ⁷⁶	12.03	2.17	25.03	42.02	11.98	6.77	316H
Analysis	12.98	2.69	18.29	46.64	12.64	6.76	409H
Analysis	12.52	2.84	15.90	48.35	11.27	9.12	453H
Analysis ⁷⁷	12.35	2.46	17.47	48.02	12.16	7.54	200W
Analysis	12.19	2.42	26.39	40.68	12.03	6.29	416W
Dittlinger's Quality Chick Starter with Buttermilk and Charcoal	18.00	4.00	5.50	48.00			13B9
Analysis	17.97	4.46	4.78	55.27	9.93	7.59	317H
Analysis	18.03	4.98	5.68	53.60	9.30	8.41	467H
Dittlinger's Best Growing Mash with Charcoal	15.00	3.60	6.50	51.00			13C3
Analysis	18.68	4.39	4.95	53.34	11.27	7.37	339H
Analysis	18.45	4.25	5.01	54.23	10.75	7.31	401M
Dittlinger's Best 5 Laying Mash	20.50	3.50	7.40	44.60			13D2
Analysis	21.65	5.41	5.51	48.13	8.56	10.74	36H
Analysis ^{78 b}	21.40	4.93	5.38	46.96	10.07	11.26	113H
Analysis	22.75	5.01	5.29	46.01	10.60	10.34	287H

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁷⁴18.12% of sand present.

⁷⁵Wheat brown shorts.

⁷⁶Deficient in ground screenings and contained an excess of ground peanut hulls.

⁷⁷Obsolete tags attached.

⁷⁸In pellet form. Excess ground oyster shell found.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dittlinger Roller Mills Company, H., New Braunfels, Texas—Cont'd.							
Dittlinger's Best 5 Laying Mash— Continued.							
Analysis.....	21.85	5.44	6.50	47.06	8.83	10.32	451H
Analysis ⁷⁹	21.86	5.07	5.64	47.27	8.80	11.36	93M
Analysis.....	21.54	5.26	6.33	47.48	7.31	12.08	60W
Dittlinger's Quality Fattening Mash.							
Analysis.....	13.00	5.50	7.00	55.00	.....	.....	13E4
Analysis.....	15.00	4.60	4.72	61.77	10.18	3.73	468H
Analysis.....	15.71	4.58	3.87	60.91	11.70	3.23	228W
Dividend Feed Company, Lamesa, Texas.							
Dividend Brand Growing Mash with Charcoal and Cod Liver Oil.....							
Analysis.....	16.00	3.50	8.00	50.00	.....	.....	1472C
Analysis.....	18.34	4.83	6.73	51.57	9.08	9.45	25K
Dividend Best Brand Egg Mash.....							
Analysis.....	19.00	3.70	7.30	44.00	.....	.....	1472F
Analysis.....	21.91	5.37	6.41	46.58	7.99	11.74	495K
Dixon Cash Feed Store, Houston, Texas.							
Dixon's Economy Brand Egg Mash with Charcoal and Sulphur.....							
Analysis.....	19.50	3.80	6.00	47.00	.....	.....	405A
Analysis.....	19.90	6.77	6.76	46.23	10.53	9.81	309M
Dixon's Poultry Grain.....							
Analysis.....	10.50	3.00	3.00	69.00	.....	.....	405F
Analysis.....	11.70	2.89	2.27	69.23	12.23	1.68	310M
Dixon Packing Company, Inc., Houston, Texas.							
Dixco Brand 50% Protein Meat and Bone Scraps.....							
Analysis.....	50.00	6.00	3.00	0.00	.....	.....	2572A
Analysis.....	53.25	11.89	2.28	.93	8.60	23.05	2572A
Analysis.....	52.10	8.89	1.69	.37	7.56	29.39	138M
Analysis.....	50.44	11.02	2.13	.06	6.90	29.45	245M
Analysis.....	52.01	6.27	1.43	3.29	6.71	30.29	525W
Dobry Flour Mills, Inc., Yukon, Oklahoma.							
Wheat Gray Shorts and Screenings.....							
Analysis ⁸⁰	16.00	4.00	6.00	55.00	.....	.....	739G
Analysis ⁸⁰	19.19	4.05	6.60	54.62	10.98	4.56	420F
Analysis ⁸⁰	19.85	4.29	6.48	51.57	12.51	5.30	321M
Analysis ⁸⁰	17.82	4.61	6.69	55.07	11.22	4.59	380T
Analysis.....	18.05	4.72	6.18	56.34	9.69	5.02	28W
Dodge City Flour Mills, The, Dodge City, Kansas.							
Wheat Gray Shorts.....							
Analysis.....	16.00	3.50	6.00	55.00	.....	.....	798C
Analysis.....	17.89	3.14	2.98	61.46	11.71	2.82	140H
Analysis.....	19.55	3.73	3.87	55.88	12.68	4.29	357W
Doggett Grain Company, Fort Worth, Texas.							
Ear Corn Chop with Husk.....							
Analysis.....	8.00	3.00	10.00	65.00	.....	.....	1785A
Analysis.....	8.50	3.11	8.12	62.92	13.85	3.50	172T
Dooley's Feed Store, San Angelo, Texas.							
Dooley's Better Brand Cow Feed.....							
Analysis.....	18.00	3.50	15.00	45.00	.....	.....	705A
Analysis.....	20.55	4.69	12.98	47.83	6.32	7.63	38S
Dooley's Better-Brand Cow Feed.....							
Analysis.....	19.50	3.50	13.00	43.50	.....	.....	705A
Analysis ⁸¹	21.20	4.62	13.72	43.40	8.60	8.46	316S
Analysis.....	21.84	4.76	13.94	43.68	7.61	8.17	452S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁷⁹Excess ground oyster shell found.⁸⁰Wheat brown shorts and screenings.⁸¹Excess of oat hulls present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Dorsey Grain Company, Weatherford, Texas.							
Four Square Egg Mash with Charcoal Analysis.....	<i>19.00</i> 21.82	<i>3.50</i> 5.25	<i>8.00</i> 7.89	<i>45.60</i> 45.68	..... 9.26	..... 10.10	259R 454T
Downman Grain & Hay Company, E. C., Houston, Texas.							
Rolled Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	276D
Analysis.....	15.11	4.23	9.57	57.51	9.79	3.79	49M
Big D 18% Protein Dairy Feed.....	<i>18.00</i>	<i>4.00</i>	<i>14.00</i>	<i>42.00</i>	.....	.....	276H
Analysis ⁸²	19.55	6.47	12.41	42.60	10.25	8.72	278M
Downman's Best Starter Mash with Minerals.....	<i>19.00</i>	<i>3.60</i>	<i>6.00</i>	<i>51.00</i>	.....	.....	276B1
Analysis.....	21.17	4.49	5.29	49.78	12.11	7.16	183M
Downman's Special 16% Protein Dairy Feed.....	<i>16.00</i>	<i>4.00</i>	<i>13.00</i>	<i>43.00</i>	.....	.....	276B8
Analysis.....	19.25	6.10	11.32	41.83	11.13	10.37	277M
Dublin Mills, Inc., Dublin, Texas.							
Circle A Brand Egg Mash.....	<i>20.00</i>	<i>3.60</i>	<i>8.00</i>	<i>47.00</i>	.....	.....	678B
Analysis.....	19.83	5.30	8.14	48.73	8.89	9.11	332W
All-Gold Brand Special Dairy Feed.....	<i>18.70</i>	<i>4.00</i>	<i>12.50</i>	<i>48.00</i>	.....	.....	678J
Analysis.....	19.30	4.00	12.24	46.76	10.06	7.64	344W
All-Gold Ideal Brand Cow Feed.....	<i>15.50</i>	<i>3.20</i>	<i>28.00</i>	<i>41.00</i>	.....	.....	678P
Analysis.....	16.50	3.86	23.16	38.05	10.24	8.19	242W
All-Gold I producto Brand Cow Feed.....	<i>14.50</i>	<i>2.70</i>	<i>27.00</i>	<i>36.50</i>	.....	.....	678Q
Analysis.....	15.70	3.52	27.00	36.03	8.78	8.97	69W
Analysis.....	16.58	4.22	27.11	33.37	10.95	7.77	154W
All-Gold Brand Laying Mash.....	<i>19.40</i>	<i>3.70</i>	<i>7.50</i>	<i>46.00</i>	.....	.....	678R
Analysis.....	19.55	5.55	8.14	49.61	8.04	9.11	448T
Analysis.....	20.05	4.82	8.12	48.28	9.54	9.19	335W
All-Gold Brand All-Mash Chick Starter.....	<i>16.00</i>	<i>3.50</i>	<i>5.00</i>	<i>56.00</i>	.....	.....	678E3
Analysis ^d	19.17	4.38	4.14	54.68	10.89	7.34	306T
Durant Milling Company, Durant, Oklahoma.							
Red Warrior Dairy Feed.....	<i>15.00</i>	<i>3.00</i>	<i>10.00</i>	<i>57.00</i>	.....	.....	2037B
Analysis ⁸³	16.92	5.96	9.91	48.42	9.87	8.92	84T
Red Warrior Scratch Feed.....	<i>9.50</i>	<i>3.00</i>	<i>3.50</i>	<i>70.00</i>	.....	.....	2037D
Analysis.....	11.86	3.17	1.97	67.92	13.56	1.52	263F
Hominy Feed.....	<i>10.00</i>	<i>6.00</i>	<i>7.00</i>	<i>60.00</i>	.....	.....	2037K
Analysis.....	11.51	7.06	5.17	60.23	13.10	2.93	264F
Analysis ⁸⁴	9.81	4.24	2.17	69.52	12.75	1.51	416T
Red Warrior All-Mash.....	<i>17.50</i>	<i>4.00</i>	<i>7.00</i>	<i>53.00</i>	.....	.....	2037M
Analysis.....	20.65	6.67	6.26	50.17	9.96	6.29	355T
Indian Maid Cow Feed with Molasses.....	<i>10.00</i>	<i>3.00</i>	<i>11.00</i>	<i>53.00</i>	.....	.....	2037N
Analysis ⁸⁵	12.85	4.49	10.15	52.67	11.94	7.90	283T
Red Warrior Horse and Mule Feed.....	<i>10.00</i>	<i>2.50</i>	<i>11.50</i>	<i>55.00</i>	.....	.....	2037O
Analysis ⁸⁶	11.94	3.66	7.33	62.14	11.52	3.41	374F
Indian Maid Sweet Feed.....	<i>9.00</i>	<i>2.40</i>	<i>18.00</i>	<i>48.00</i>	.....	.....	2037P
Analysis.....	7.48	1.89	12.05	50.55	13.23	14.80	415T
Eagle Milling Company, Edmond, Oklahoma.							
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	724C
Analysis.....	15.85	3.85	9.65	53.99	10.67	5.99	393M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁸²Dried beet pulp found, not claimed.

⁸³Ground peanut hay, molasses, salt and calcium carbonate found, not claimed. Ground whole oats claimed, not found.

⁸⁴Corn feed meal.

⁸⁵Kafr head chop and milo head chop claimed, not found. Yellow corn meal and corn bran found, not claimed.

⁸⁶Ground peanut hay, cottonseed meal, and rice hulls claimed, not found. Deficient in cane molasses. Large excess of oats present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					Registration or Inspection No.	
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture		Crude Ash
Eagle Milling Company, Edmond, Oklahoma—Continued.							
Wheat Brown Shorts and Screenings	<i>16.50</i>	<i>3.50</i>	<i>7.50</i>	<i>53.00</i>			724E
Analysis	16.30	3.84	7.47	55.83	12.12	4.44	232F
Analysis	18.52	4.42	5.59	55.96	11.33	4.18	459F
Analysis ⁸⁷	17.30	4.04	7.86	56.40	10.07	4.33	23W
Analysis	17.42	3.71	6.63	56.08	11.77	4.39	195W
First Prize Brand Egg Mash with Charcoal	<i>18.00</i>	<i>3.50</i>	<i>8.00</i>	<i>48.00</i>			724H
Analysis	16.35	4.49	7.05	53.32	10.30	8.49	284W
Aggie All-Mash Starter and Grower with Minerals	<i>17.00</i>	<i>3.00</i>	<i>6.00</i>	<i>54.00</i>			724P
Analysis	18.10	4.81	6.04	52.68	10.75	7.62	351F
Early Grain & Seed Company, Waco, Texas.							
Early Bird Chicken Feed	<i>10.30</i>	<i>2.50</i>	<i>3.00</i>	<i>70.00</i>			412B
Analysis ⁸⁸	11.30	2.77	2.20	70.80	11.41	1.52	378W
East Texas Cotton Oil Company, Kaufman, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			607F
Analysis	43.59	6.28	10.31	26.46	8.10	5.26	8F
Analysis ^c	41.94	5.66	11.69	27.95	7.18	5.58	70F
Analysis	43.85	6.19	10.57	25.78	8.12	5.49	176F
Mixed Feed	<i>11.00</i>	<i>1.50</i>	<i>42.50</i>	<i>28.50</i>			607N
Analysis	11.72	1.78	36.97	41.17	4.87	3.49	9F
East Texas Cotton Oil Company, Palestine, Texas.							
4-to-1 Mixed Feed	<i>11.00</i>	<i>1.60</i>	<i>40.50</i>	<i>28.00</i>			549B
Analysis	9.30	1.70	35.07	41.11	8.50	4.32	297F
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			549C
Analysis ^e	42.38	6.25	11.22	27.91	6.68	5.56	2F
Analysis	43.28	6.79	10.96	26.92	6.52	5.93	67F
Analysis	43.88	6.92	9.91	26.55	6.87	5.87	225F
Analysis	44.66	6.80	9.91	26.05	6.39	6.19	262F
Analysis	42.91	6.47	11.50	27.80	5.75	5.57	73M
Analysis	43.06	6.57	10.09	27.35	7.06	5.87	111W
Milk-O-Feed	<i>17.00</i>	<i>4.20</i>	<i>21.00</i>	<i>38.00</i>			549E
Analysis ⁸⁹	17.50	4.78	17.48	40.64	11.33	8.27	219F
Analysis ⁸⁹	17.42	4.53	17.62	39.43	11.42	9.58	296F
East Texas Cotton Oil Company, Terrell, Texas.							
Nutrio Mixed Feed	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>			63A
Analysis	12.70	2.07	34.35	39.76	7.78	3.34	237F
Analysis	10.17	1.70	39.64	37.72	7.72	3.05	436F
Analysis	10.13	1.75	37.50	39.51	8.02	3.09	294T
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			63C
Analysis	44.50	5.55	10.32	26.93	7.27	5.43	10F
Analysis	44.59	5.31	10.48	27.81	6.44	5.37	12F
Analysis	43.13	6.47	11.16	26.88	6.09	6.27	72F
Analysis	44.58	6.39	10.88	26.12	6.09	5.94	180F
Analysis	43.33	6.48	11.54	25.63	7.23	5.79	435F
Analysis	42.78	6.13	12.25	26.32	6.43	6.09	345T
43% Protein Cottonseed Cake	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			63D
Analysis ^e	42.47	5.89	11.91	25.33	8.73	5.67	234F
Etco Horse and Mule Feed	<i>13.00</i>	<i>2.50</i>	<i>8.60</i>	<i>57.00</i>			63J
Analysis	15.18	3.54	6.84	56.73	13.85	3.86	239F
Etco Chick Growing Mash	<i>15.00</i>	<i>3.50</i>	<i>5.50</i>	<i>54.00</i>			63O
Analysis	17.46	4.21	4.90	54.20	11.74	7.49	238F

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁸⁷Wheat mixed feed and screenings.

⁸⁸Barley found, not claimed.

⁸⁹Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
East Texas Cotton Oil Company, Terrell, Texas—Continued.							
Etolass	<i>9.00</i>	<i>1.80</i>	<i>12.00</i>	<i>58.00</i>			63S
Analysis	11.09	2.14	15.03	51.15	16.52	4.07	178F
Analysis	<i>9.00</i>	<i>.93</i>	<i>14.25</i>	<i>52.79</i>	14.89	8.14	233F
Analysis	<i>9.30</i>	<i>1.28</i>	<i>13.85</i>	<i>52.69</i>	14.43	8.45	299F
Gilmer's Special Dairy Feed	<i>20.00</i>	<i>3.20</i>	<i>14.00</i>	<i>42.00</i>			63A1
Analysis	22.05	3.92	11.75	46.13	9.33	6.82	11F
Etco Five Egg Mash	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>			63B1
Analysis	22.11	5.34	7.07	43.78	9.78	11.92	94F
Analysis	21.75	5.19	7.37	43.71	10.02	11.96	179F
Analysis	22.10	4.98	6.86	44.13	11.04	10.89	236F
East Texas Cotton Oil Company, Tyler, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			855A
Analysis	45.35	6.53	10.19	26.99	5.37	5.57	39F
Analysis	43.01	6.69	11.12	27.25	6.38	5.55	85F
Analysis	43.40	6.02	11.21	27.05	6.89	5.43	89F
Analysis	42.63	6.43	11.44	27.51	6.45	5.54	258F
Analysis	41.75	6.40	11.86	27.06	7.39	5.54	407F
Analysis	42.13	6.19	11.62	26.49	7.69	5.88	434F
Economy Cash Feed Store, Wichita Falls, Texas.							
"Best" Brand Egg Mash	<i>19.50</i>	<i>4.30</i>	<i>8.00</i>	<i>47.00</i>			29B
Analysis	20.42	4.89	7.68	49.13	9.58	8.30	461T
"Best" Brand 24% Protein Cow Feed	<i>24.00</i>	<i>4.50</i>	<i>10.00</i>	<i>43.00</i>			29G
Analysis	23.64	6.15	9.80	46.74	7.58	6.09	47T
"Best" Brand All-Mash Chick Starter with Cod Liver Oil and Charcoal	<i>16.00</i>	<i>3.50</i>	<i>6.40</i>	<i>51.00</i>			29I
Analysis	19.01	4.88	5.85	52.42	9.87	7.97	240T
"Best" Brand Sweet Cow Feed	<i>16.50</i>	<i>2.70</i>	<i>14.00</i>	<i>43.50</i>			29O
Analysis	18.79	3.50	15.68	43.04	9.18	10.41	399T
Economy Feed & Grain Company, Electra, Texas.							
Economy Brand Dairy Feed	<i>16.50</i>	<i>3.00</i>	<i>15.00</i>	<i>46.00</i>			2508C
Analysis	17.20	3.42	14.77	48.68	8.72	7.21	54T
Analysis	19.61	3.97	14.02	45.62	8.98	7.80	398T
Economy Brand Cottonseed Hulls and Cottonseed Meal	<i>11.00</i>	<i>1.60</i>	<i>42.00</i>	<i>28.00</i>			2508D
Analysis	10.86	2.47	35.02	41.49	6.86	3.30	400T
Economy Pride Brand Dairy Feed	<i>25.00</i>	<i>4.00</i>	<i>13.00</i>	<i>39.00</i>			2508F
Analysis	23.53	5.61	11.94	43.19	9.10	6.63	140T
Economy Mills, Lampasas, Texas.							
Ear Corn Chop with Husk	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>			275B
Analysis ^{d a90}	8.80	3.00	8.54	64.77	12.84	2.05	262W
Economy Mills, Lubbock, Texas.							
Everlay Brand 3-to-1 32% Protein Growing Concentrate	<i>32.00</i>	<i>3.80</i>	<i>8.00</i>	<i>26.00</i>			1099D
Analysis ⁹¹	31.60	4.87	6.97	37.97	8.96	9.63	440K
Lotta-Milk Brand Dairy Feed	<i>16.00</i>	<i>3.00</i>	<i>16.00</i>	<i>44.00</i>			1099F
Analysis	17.00	2.53	14.25	44.75	9.92	11.55	127K
Everlay Brand 5-V Gro-Mash	<i>18.00</i>	<i>3.00</i>	<i>7.50</i>	<i>50.00</i>			1099K
Analysis	20.30	4.43	7.13	50.47	9.30	8.37	349K
Everlay Brand Winter Formula Egg Mash	<i>19.00</i>	<i>3.50</i>	<i>7.50</i>	<i>47.00</i>			1099X
Analysis ^e	20.20	4.58	7.43	50.50	10.06	7.23	111K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁹⁰Packed in bags containing illegal net weights. Each sack even-weighted and sale resumed.

⁹¹Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Economy Mills,							
Lubbock, Texas—Continued.							
Everlay Brand 5-V Egg Mash	19.00	3.50	7.70	47.00			1099X
Analysis	21.37	4.80	6.40	52.40	7.58	7.45	505K
Everlay Brand 5-V Summer Gro-Mash	18.00	3.50	9.00	49.00			1099A5
Analysis	20.59	5.05	6.24	51.62	8.86	7.64	489K
Big 7 Brand Summer Formula Egg Mash	19.00	3.50	8.00	45.00			1099B6
Analysis	22.50	4.07	8.21	48.41	8.16	8.65	10K
Master-Mix Brand Summer Developer Mash	18.00	3.50	10.00	47.00			1099B7
Analysis	20.79	3.82	6.81	51.04	8.88	8.66	508K
Master-Mix 4-V Brand Egg Mash	18.00	3.50	8.00	51.00			1099C2
Analysis	20.54	4.71	7.91	49.22	8.79	8.83	39K
Big Seven 4-V Brand Egg Mash	19.00	3.50	8.00	46.00			1099C3
Analysis	22.04	4.72	6.88	50.85	7.97	7.54	115K
Everlay Brand Double-Duty Chick Starter	18.00	3.50	7.50	48.00			1099C4
Analysis	20.52	4.44	6.73	51.67	9.29	7.35	358K
Everlay Brand 32% Protein 2-to-1 Egg Mash Concentrate	32.00	4.00	8.00	24.00			1099C8
Analysis ⁹²	34.70	4.61	8.86	28.82	6.97	16.04	33K
Everlay Brand Flushing Mash	12.50	2.50	8.50	59.00			1099D3
Analysis ⁹³	16.97	4.37	7.79	57.54	7.67	5.66	426K
Sweet Milk Brand Mixed Feed No. 1	13.00	2.50	13.00	48.00			1099D5
Analysis	12.76	2.05	12.91	47.24	16.41	8.63	122K
Master-Mix Brand All-Mash Starter	17.00	3.50	7.00	49.00			1099E3
Analysis ^a	19.77	4.09	7.50	51.43	9.67	7.54	368K
Analysis	20.24	4.15	7.09	50.93	9.50	8.09	424K
Everlay Brand Summer Formula Egg Mash	19.00	3.50	8.00	47.00			1099F1
Analysis	20.73	4.21	7.41	51.57	8.31	7.77	11K
Green Top Brand Alfalfa Meal	13.00	1.50	33.00	35.00			1099F3
Analysis	20.82	2.27	19.18	38.22	6.75	12.76	507K
Green Top Brand Special Alfalfa Meal	17.00	1.50	23.00	40.00			1099F4
Analysis	20.51	2.53	21.92	35.29	7.40	12.35	511K
Eden Mill and Feed Company,							
Bryan, Texas.							
Irish Boy Mixed Feed	16.00	3.40	16.50	41.00			2095M
Analysis	15.70	3.33	16.83	43.68	10.15	10.31	2M
Egg-A-Day Hatchery,							
Rotan, Texas.							
J. O.'s Egg Mash	19.00	3.60	6.00	48.00			2456A
Analysis	23.30	5.34	4.65	45.17	9.79	11.75	285S
Egg-A-Day Chick Starter	18.50	3.60	5.00	49.00			2456C
Analysis	19.40	5.25	3.56	49.39	11.23	11.17	284S
Egg-A-Day Growing Mash	18.50	3.70	6.00	46.50			2456E
Analysis	22.33	5.08	4.91	45.27	9.63	12.78	390S
El Campo Rice Milling Company,							
El Campo, Texas.							
Elco Turkey Mash with Charcoal	20.00	5.00	6.00	43.00			451D
Analysis	21.34	6.80	5.82	45.25	9.89	10.90	329M
Elco Fulvalu Brand Dairy Feed	18.00	4.50	12.00	44.50			451E
Analysis	16.72	4.87	10.99	45.78	12.71	8.93	300M
Thrifty-Five Brand Egg Mash with Cod Liver Oil	19.00	5.00	7.50	46.00			451G
Analysis	19.20	6.25	7.42	48.63	9.24	9.26	52M
Crimped Whole Oats	11.00	4.00	12.00	58.00			451A3
Analysis	12.00	5.90	11.69	56.01	11.04	3.36	432M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁹²Obsolete tags attached.

⁹³Short in weight. Each sack even-weighted and sale resumed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
El Campo Rice Milling Company, El Campo, Texas—Continued.							
Elco Steer Fattener.....	<i>12.80</i>	<i>5.00</i>	<i>10.00</i>	<i>51.00</i>	.....	.....	451A4
Analysis.....	14.00	7.39	8.86	49.07	11.84	8.84	147M
Elco Branola.....	<i>13.00</i>	<i>12.00</i>	<i>14.00</i>	<i>40.00</i>	.....	.....	451A7
Analysis.....	12.47	15.40	14.20	37.27	7.64	13.02	53M
Elco Shortola.....	<i>12.00</i>	<i>10.00</i>	<i>4.20</i>	<i>50.00</i>	.....	.....	451A8
Analysis.....	12.50	12.25	3.32	53.77	11.17	6.99	301M
Elgin Cotton Oil Company, Elgin, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1429B
Analysis.....	41.24	6.19	12.20	27.67	7.36	5.34	70H
Analysis.....	43.15	6.68	10.23	26.89	7.29	5.76	137H
Analysis.....	43.18	6.68	9.92	27.34	7.00	5.88	209H
Analysis ^c	41.87	6.86	10.69	27.85	7.23	5.50	267H
Analysis.....	42.82	7.09	10.27	27.25	6.83	5.74	448H
Elk Cottonoil Co., Elk City, Oklahoma.							
Elko Brand 43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	472D
Analysis ^{d b c}	39.30	7.28	10.62	30.27	6.79	5.74	322K
Ellington, J. H., Hico, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	2512B
Analysis.....	9.21	3.29	8.83	65.63	11.36	1.68	243W
JHE Scratch Feed.....	<i>10.00</i>	<i>2.60</i>	<i>3.00</i>	<i>70.00</i>	.....	.....	2512D
Analysis.....	12.51	2.65	2.34	69.48	11.36	1.66	479W
El Paso Cotton Industries, Inc., El Paso, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	1116A
Analysis ^c	38.92	8.32	11.97	28.62	6.09	6.08	84S
Analysis ^{e95}	39.34	7.51	12.22	28.29	6.67	5.97	86S
Analysis ^{b c}	40.49	7.45	10.87	28.95	6.42	5.82	149S
Analysis ^e	42.46	7.96	9.26	28.05	6.38	5.89	156S
Analysis.....	45.05	8.29	8.10	26.29	6.02	6.25	364S
Paymaster Brand 43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	1116B
Analysis ^{a c}	42.08	8.37	9.03	27.16	7.31	6.05	229S
El Reno Mill & Elevator Company, El Reno, Oklahoma.							
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	108B
Analysis ⁹⁶	16.75	4.33	11.13	49.64	11.31	6.84	165T
Home Town 24% Protein Dairy Feed.....	<i>24.00</i>	<i>3.50</i>	<i>11.00</i>	<i>40.00</i>	.....	.....	108B1
Analysis ⁹⁶	24.45	3.63	13.11	37.59	8.54	12.68	157K
Wheat Gray Shorts and Screenings.....	<i>18.98</i>	<i>4.39</i>	<i>6.39</i>	<i>53.28</i>	.....	.....	233M
Analysis ^{e b e95}	18.98	4.39	6.39	53.28	12.48	4.48	233M
Engelman Gardens Association, Edinburg, Texas.							
Ground Dried Citrus Peel and Pulp..	<i>7.00</i>	<i>3.00</i>	<i>11.50</i>	<i>66.00</i>	.....	.....	383A
Analysis ^e	6.85	1.40	12.46	71.21	3.37	4.71	383A
Dried Citrus Peel and Pulp.....	<i>7.00</i>	<i>3.00</i>	<i>11.50</i>	<i>66.00</i>	.....	.....	383A
Analysis ⁹⁵	6.25	.84	12.06	67.59	8.93	4.33	249H
Analysis ^{95 b}	5.86	.77	10.41	65.98	12.87	4.11	303H
Ground Dried Citrus Peel and Pulp with Molasses.....	<i>6.50</i>	<i>2.70</i>	<i>10.30</i>	<i>65.90</i>	.....	.....	383B
Analysis.....	6.24	1.53	9.55	67.95	10.23	4.50	383B
Analysis.....	6.41	2.07	10.99	66.21	9.60	4.72	240H

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

⁹⁴Cottonseed meal.

⁹⁵Obsolete tags attached.

⁹⁶Registration canceled.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Ervine & Bishop, Houston, Texas.							
Rolled Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>			76E
Analysis.....	15.45	4.34	8.56	56.32	11.96	3.37	198M
Justrite Brand Dairy Ration.....	<i>18.00</i>	<i>3.50</i>	<i>20.00</i>	<i>36.00</i>			76Q
Analysis.....	20.25	4.68	16.28	39.23	11.14	8.42	296M
But-A-Fat Brand 19% Protein Dairy Feed.....	<i>19.00</i>	<i>3.00</i>	<i>15.00</i>	<i>38.00</i>			76V
Analysis.....	19.00	3.30	9.26	49.10	13.47	5.87	133M
Shur-Eggs Brand Laying Mash with Buttermilk.....	<i>21.50</i>	<i>4.00</i>	<i>8.00</i>	<i>44.50</i>			76Y
Analysis.....	22.62	6.02	8.55	44.23	9.09	9.49	27M
Analysis.....	21.25	5.36	7.52	47.42	9.15	9.30	62M
E & B Horse and Mule Feed.....	<i>10.00</i>	<i>3.30</i>	<i>12.00</i>	<i>57.00</i>			76A3
Analysis.....	14.30	2.77	9.54	55.97	12.44	4.98	132M
Gooberless Brand Ground Peanut Hay and Molasses.....	<i>6.50</i>	<i>1.80</i>	<i>23.00</i>	<i>44.00</i>			76B4
Analysis.....	9.39	.69	19.71	46.42	14.24	9.55	231M
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>			76B5
Analysis.....	8.10	3.02	9.74	63.82	13.28	2.04	238M
Shur-Eggs Laying Mash with Buttermilk and Cod Liver Oil.....	<i>19.50</i>	<i>3.50</i>	<i>7.50</i>	<i>46.00</i>			76B9
Analysis.....	22.00	4.75	6.20	48.00	9.97	9.08	239M
Tex Stock Feed.....	<i>11.00</i>	<i>3.00</i>	<i>10.00</i>	<i>56.50</i>			76E5
Analysis.....	13.48	3.01	6.99	57.22	13.68	5.62	242M
Yellow Popcorn Meal.....	<i>9.00</i>	<i>3.50</i>	<i>3.00</i>	<i>70.00</i>			76E6
Analysis.....	10.83	3.68	1.96	70.64	11.66	1.23	76E6
Ezell Brothers Farms, Cleburne, Texas, and Branches.							
Ground Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>			1790A
Analysis.....	12.27	4.82	11.39	56.58	10.89	4.05	313T
Fairmont Creamery Company, The, Omaha, Nebraska, and Branches.							
Fairmont's Dried Buttermilk Flakes.....	<i>32.00</i>	<i>6.00</i>	<i>0.00</i>	<i>35.00</i>			1723A
Analysis.....	36.78	6.04	.25	34.14	9.90	12.89	202K
Analysis.....	31.07	3.42	.22	32.31	11.21	21.77	94M
Analysis.....	36.52	6.66	.24	35.72	9.68	11.18	243T
Fairmont's Gold Nugget Brand Laying Mash.....	<i>18.00</i>	<i>4.50</i>	<i>7.50</i>	<i>48.50</i>			1723D
Analysis.....	19.10	4.12	7.11	50.64	10.02	9.01	403M
Fairmont's Gold Nugget Brand Growing Mash.....	<i>18.50</i>	<i>4.50</i>	<i>8.00</i>	<i>47.50</i>			1723E
Analysis.....	19.30	4.93	7.34	49.68	9.59	9.16	334M
Analysis.....	19.40	5.32	7.23	49.54	9.84	8.67	354W
Fairmont's Gold Nugget Brand Chick Starter Mash.....	<i>18.50</i>	<i>4.50</i>	<i>8.00</i>	<i>47.50</i>			1723F
Analysis.....	19.20	5.19	7.39	49.28	10.35	8.59	272M
Analysis.....	19.20	5.25	7.53	48.71	10.59	8.72	353W
Fairmont's Gold Nugget Brand Laying Mash with Buttermilk.....	<i>18.50</i>	<i>4.50</i>	<i>8.00</i>	<i>47.50</i>			1723H
Analysis.....	19.65	4.67	7.33	50.28	9.53	8.54	271M
Analysis.....	19.32	5.15	7.48	48.64	10.82	8.59	270W
Falkenbury Bros. Milling Company, Cleburne, Texas.							
Laying Mash with Cod Liver Oil.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>			44H
Analysis.....	21.00	5.37	7.35	48.28	8.53	9.47	57W
All-Mash Chick Starter.....	<i>16.00</i>	<i>3.60</i>	<i>6.00</i>	<i>54.00</i>			44K
Analysis.....	17.80	4.86	4.62	56.96	9.61	6.15	321W
Ear Corn Chop with Husk and Molasses.....	<i>7.00</i>	<i>2.40</i>	<i>8.00</i>	<i>65.00</i>			44L
Analysis.....	8.14	2.46	7.53	65.81	10.99	5.07	465W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					Registration or Inspection No.	
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture		
Fant Milling Company, Sherman, Texas.							
Gladiola Wheat Bran and Screenings	<i>14.50</i>	<i>3.50</i>	<i>10.00</i>	<i>53.00</i>	9.62	6.47	1710H 284T
Analysis	16.84	4.13	10.21	52.73			
Gladiola Wheat Gray Shorts and Screenings							
Analysis ^{97c}	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>			1710A7 88F
Analysis	17.42	3.48	6.68	56.89	11.14	4.39	97F
Analysis ^{97c}	17.62	4.03	6.04	57.44	10.96	3.91	119F
Analysis ^{97c}	17.11	4.08	6.56	56.56	11.27	4.42	120F
Analysis ^{97c}	17.72	3.98	6.90	56.29	10.39	4.72	165F
Analysis	18.18	3.76	5.14	58.50	10.43	3.99	257F
Analysis ^{97c}	17.60	4.09	6.33	56.71	11.23	4.04	367F
Analysis	17.75	4.01	5.49	57.27	11.23	4.25	390F
Analysis	18.65	4.20	5.43	55.45	11.27	5.00	405F
Analysis	17.50	4.33	6.06	57.26	10.18	4.67	433F
Analysis	18.50	4.24	5.51	56.29	11.01	4.45	464F
Analysis	18.10	4.16	5.92	56.52	10.90	4.40	179H
Analysis ^{97bc}	17.92	4.24	6.77	54.12	12.44	4.51	262H
Analysis	18.11	4.03	5.39	56.30	11.98	4.19	71M
Analysis ^{97bc}	17.60	3.78	6.56	55.68	11.77	4.61	185T
Analysis	17.32	3.80	5.11	56.85	12.11	4.81	354T
Analysis	17.40	4.01	6.10	57.33	10.93	4.23	22W
Analysis	17.90	4.20	5.61	59.25	9.09	3.95	97W
Analysis ^{97c}	18.70	4.04	6.84	55.88	9.56	4.98	
Farallone Packing Company, San Francisco, California.							
Farallone 68% Protein Vacuum-Dried Fish Meal	<i>68.00</i>	<i>5.00</i>	<i>1.00</i>	<i>4.00</i>			433A 254M
Analysis ^{dac}	67.26	4.02	.43	6.72	7.29	14.28	
Farley, Pascal, Whitewright, Texas.							
Ear Corn Chop with Husk	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>			896C 308F
Analysis	8.82	3.56	11.63	62.02	12.12	1.85	
Farmers' Cooperative Mills, Inc., Arlington, Texas.							
Ear Corn Chop with Husk	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>			1553C 115T
Analysis ⁶⁸	8.50	2.97	11.65	65.13	10.08	1.67	1553M 116T
Alfalfa Meal and Molasses	<i>10.00</i>	<i>1.00</i>	<i>23.00</i>	<i>44.00</i>			173T
Analysis	14.15	1.22	21.25	41.58	10.25	11.55	325T
Analysis	13.54	1.95	19.54	43.32	12.83	8.82	371T
Analysis ⁹⁹	14.15	.89	20.05	42.11	13.01	9.79	
Analysis	14.51	1.15	18.50	42.64	12.84	10.96	
Producer Brand Egg Mash with Charcoal	<i>20.00</i>	<i>3.70</i>	<i>8.00</i>	<i>43.50</i>			1553S 12T
Analysis	22.99	5.01	7.94	45.58	8.07	10.41	1553X 269T
Producer Brand Dairy Feed	<i>24.00</i>	<i>3.80</i>	<i>11.50</i>	<i>40.00</i>			1553A1 176T
Analysis ¹⁰⁰	24.50	3.63	11.31	41.51	11.26	7.79	1553A3 220T
Ground Peanut Hay and Molasses	<i>8.50</i>	<i>2.80</i>	<i>17.50</i>	<i>48.00</i>			
Analysis ¹⁰⁰	9.00	2.21	20.37	44.73	13.11	10.58	
Milo Head Chop and Molasses	<i>7.00</i>	<i>2.00</i>	<i>6.50</i>	<i>65.00</i>			
Analysis ¹⁰¹	9.32	2.02	7.27	62.93	13.56	4.90	
Farmers Cooperative Oil Mill, El Paso, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			570A 90S
Analysis	42.63	7.76	9.58	27.75	6.19	6.09	153S
Analysis	44.18	8.02	11.89	23.68	6.28	5.95	157S
Analysis	43.75	7.97	8.64	26.87	6.54	6.23	

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

⁹⁷Wheat brown shorts and screenings.

⁹⁸Excess corn husks found.

⁹⁹Some ground grass present.

¹⁰⁰Registration canceled.

¹⁰¹Not tagged, but tags furnished. Registration canceled.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Farmers Cooperative Oil Mill, El Paso, Texas—Continued.							
43% Protein Cottonseed Meal—Cont.							
Analysis	44.46	8.32	8.14	26.64	6.25	6.19	224S
Analysis	45.45	8.40	8.26	26.58	4.42	6.89	230S
Analysis	45.41	8.92	7.83	25.38	5.82	6.64	239S
43% Protein Cracked Cottonseed Cake	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			570B
Analysis	43.60	7.83	8.70	27.44	5.97	6.46	164S
43% Protein Cottonseed Pellets	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			570I
Analysis	40.66	9.65	8.93	26.26	8.50	6.00	89S
Analysis	43.29	8.17	8.44	25.31	8.74	6.05	K
Farmers Co-Op Supply Company, Belton, Texas.							
Farmers Co-Op. Sweet Feed	18.00	3.00	13.00	45.00			2428B
Analysis	19.55	3.52	11.93	48.54	9.57	6.89	176W
Farmers Cotton Oil Company, Farmersville, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			501D
Analysis	43.42	6.81	10.86	25.82	7.41	5.68	96T
Farmers Cotton Oil Company, Texarkana, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1144B
Analysis	42.76	7.19	11.01	25.96	6.54	6.54	58F
Analysis	41.41	7.59	10.83	27.02	6.81	6.34	174F
Analysis	40.66	7.04	10.53	26.48	8.78	6.57	288F
Analysis	42.53	7.14	10.49	25.36	7.42	7.06	327F
Analysis	42.91	7.52	9.42	26.52	7.15	6.48	375F
Analysis	43.32	7.47	8.71	26.60	7.27	6.63	422F
Farmers Cotton Oil Company, Winnboro, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1795B
Analysis	45.23	6.10	8.96	25.34	8.50	5.87	35F
Analysis	43.96	6.73	9.69	26.11	7.63	5.88	95F
Analysis	44.53	6.89	8.93	26.44	7.46	5.75	254F
Analysis	43.90	5.90	10.10	27.29	7.18	5.63	448F
Farmers Cottonseed Products Company, Bartlett, Texas.							
28% Protein Whole-Pressed Cottonseed	28.00	4.50	23.00	29.00			553B
Analysis	27.26	5.09	23.02	32.55	7.79	4.29	194T
Analysis	27.31	5.27	23.92	33.00	6.37	4.13	12W
Analysis	27.38	5.11	22.61	33.28	7.26	4.36	103W
Analysis	27.43	4.77	22.89	32.93	7.75	4.23	175W
Analysis	26.63	5.16	21.87	34.03	7.95	4.36	186W
Analysis	26.94	5.24	22.87	32.80	8.11	4.04	260W
Analysis	27.65	5.36	22.35	32.84	7.45	4.35	275W
Farmers Cottonseed Products Company, Inc., Granger, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			734B
Analysis	43.09	6.90	10.54	28.07	5.82	5.58	11W
Analysis	42.45	7.79	10.93	26.69	6.45	5.69	101W
Analysis	42.02	7.98	10.55	27.20	6.86	5.39	167W
43% Protein Cottonseed Cake	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			734C
Analysis	44.48	6.64	10.23	26.18	6.49	5.98	83W
Analysis	43.02	7.40	10.39	26.28	7.37	5.54	185W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Farmers Elevator Company.							
Canyon, Texas.							
Money-Maker Brand Mixed Feed	<i>17.00</i>	<i>3.00</i>	<i>8.50</i>	<i>51.00</i>			345F
Analysis	19.80	3.99	7.82	49.90	9.66	8.83	525K
Farmers Elevator Company, Inc.							
Umbarger, Texas.							
Alfalfa Meal	<i>13.00</i>	<i>1.50</i>	<i>33.00</i>	<i>35.00</i>			1912A
Analysis ^{d a}	17.94	3.10	18.79	38.97	12.33	8.87	139K
Farmers Elevator & Storage Company.							
Hamilton, Texas.							
Nu-Way Dairy Feed	<i>20.00</i>	<i>4.00</i>	<i>11.00</i>	<i>47.00</i>			293D
Analysis	20.80	5.08	10.37	46.89	10.66	6.20	250W
Nu-Way Growing Mash	<i>17.00</i>	<i>3.60</i>	<i>6.50</i>	<i>50.00</i>			293G
Analysis	18.58	4.76	7.16	30.96	9.85	8.69	334W
Laying Mash	<i>19.00</i>	<i>3.60</i>	<i>7.20</i>	<i>46.50</i>			293H
Analysis	20.00	4.73	6.71	50.15	8.29	10.12	75W
Analysis	20.05	4.73	6.72	48.37	9.43	10.70	483W
Farmers Exchange.							
Denton, Texas.							
Ground Whole Barley	<i>11.00</i>	<i>1.50</i>	<i>6.00</i>	<i>65.00</i>			2381A
Analysis ¹⁰²	11.90	2.94	7.79	63.88	9.51	3.98	208T
Farmers Gin Company.							
Laredo, Texas.							
25% Protein Whole-Pressed Cottonseed	<i>25.00</i>	<i>6.00</i>	<i>25.00</i>	<i>29.00</i>			783A
Analysis	27.46	7.02	25.44	30.29	5.48	4.31	49H
Analysis	27.25	8.27	23.66	29.60	7.08	4.14	307H
Farmers & Ginners Cotton Oil Company.							
South Texas Cotton Oil Company, Lessee.							
Austin, Texas.							
43% Protein Pebble-Size Cottonseed Cake	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1049A
Analysis ^e	41.70	5.28	12.25	27.29	7.62	5.86	106H
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1049F
Analysis	42.69	5.68	11.11	27.80	6.91	5.81	69H
Analysis	42.55	5.85	10.67	26.81	8.69	5.43	208H
Analysis ^e	42.23	6.92	11.31	26.60	7.00	5.94	86W
43% Protein Cracked Cottonseed Cake	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1049G
Analysis	43.36	5.59	10.05	28.15	7.14	5.71	32H
Analysis	43.35	6.09	9.75	28.20	7.03	5.58	107H
Farmers Grain Company, The.							
Hart, Texas.							
The Hart Dairy Feed	<i>18.30</i>	<i>3.50</i>	<i>6.60</i>	<i>53.00</i>			2050E
Analysis ¹⁰³	20.53	3.55	6.21	56.15	8.59	4.97	519K
Farrell & Company, James.							
San Francisco, California.							
65% Protein Sardine Meal	<i>65.00</i>	<i>5.00</i>	<i>1.00</i>	<i>0.00</i>			885A
Analysis ^a	65.95	12.57	.55	2.04	4.91	13.98	276H
Farrow, H. T.							
Oenaville, Texas.							
Ear Corn Chop with Husk	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>			1803A
Analysis	9.10	3.21	9.59	65.97	10.35	1.78	506W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁰²Some ground wheat present.

¹⁰³Milo chop substituted in part for kafir chop.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Feed Depot, The,							
El Paso, Texas.							
Economy Brand Laying Mash with Charcoal.....	19.50	3.50	7.50	47.00	.....	.....	1161A
Analysis.....	19.44	5.82	6.34	50.07	10.09	8.24	146S
Analysis.....	20.12	6.06	5.59	51.98	8.03	8.22	394S
C B Brand Laying Mash with Charcoal.....	19.00	3.60	6.00	50.00	.....	.....	1161F
Analysis ¹⁰⁴	20.29	6.11	4.71	52.12	8.41	8.36	293S
C B Brand Dairy Feed with Charcoal.....	15.00	3.00	8.50	56.00	.....	.....	1161H
Analysis.....	17.31	6.25	8.75	54.67	6.50	6.52	14S
C B Brand Goat Feed.....	10.00	3.00	7.50	60.00	.....	.....	1161I
Analysis.....	16.65	4.07	7.91	58.27	8.49	4.61	15S
Feeders Supply Company,							
Waco, Texas.							
Big Ten Dairy Ration.....	21.00	4.00	17.00	40.00	.....	.....	52B
Analysis ¹⁰⁵	22.16	4.44	14.69	43.61	7.45	7.65	51W
Eg-Getter Brand Laying Mash.....	19.50	3.80	8.00	45.00	.....	.....	52J
Analysis.....	20.88	4.17	6.95	51.19	8.55	8.26	307W
Feeders Supply and Manufacturing Company,							
Kansas City, Missouri.							
Equity Brand Cattle Fatner Pellets.....	12.00	1.50	11.00	52.00	.....	.....	2414H
Analysis.....	16.70	1.36	8.68	49.35	11.70	12.21	2414H
Fidelity Products Company,							
Brownsville, Texas.							
28% Protein Ground Whole-Pressed Cottonseed.....	28.00	5.00	23.00	29.00	.....	.....	1565D
Analysis.....	28.30	4.81	21.86	34.00	6.46	4.57	4T
Fidelity Products Company,							
Houston, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	675L
Analysis.....	43.41	6.18	11.56	26.93	6.49	5.43	25M
Analysis.....	42.36	7.57	11.51	25.21	7.72	5.63	221M
Analysis.....	43.36	5.83	10.54	28.33	6.53	5.41	4W
Analysis.....	43.03	6.69	11.27	26.37	6.96	5.68	179W
Analysis.....	43.53	7.63	10.14	24.86	8.17	5.67	G
Fields, H. D.,							
Electra, Texas.							
Fields' Economy Brand Dairy Feed.....	18.50	3.00	16.00	42.00	.....	.....	1690D
Analysis.....	19.00	4.59	17.27	42.54	7.94	8.66	55T
Flatonia Oil Mill Company,							
Flatonia, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	117F
Analysis.....	43.39	6.11	9.96	27.58	7.52	5.44	118H
Analysis.....	44.60	6.47	10.07	25.96	7.62	5.28	194H
Analysis.....	44.55	6.68	9.81	25.77	7.58	5.61	407H
Analysis.....	44.45	6.52	9.53	26.77	7.00	5.73	465H
Flores Importing Company, R. L.,							
Eagle Pass, Texas.							
Wheat Bran and Screenings.....	16.00	4.00	10.00	50.00	.....	.....	628A
Analysis.....	16.10	4.57	10.44	54.45	9.32	5.12	52H
Analysis.....	16.90	4.87	10.34	53.90	9.47	4.52	306H
Foard County Mill,							
Crowell, Texas.							
Wheat Mixed Feed and Screenings.....	16.00	3.50	8.50	52.00	.....	.....	458A
Analysis.....	19.10	3.94	6.29	56.58	9.75	4.34	5K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁰⁴Excess of ground oyster shell present.¹⁰⁵Wheat bran and ear corn chop with husk found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Forbes Bros.—Central Mills, Topeka, Kansas.							
Corn Bran, Corn Germs, and Corn Meal, Kiln-Dried	<i>10.00</i>	<i>7.00</i>	<i>6.00</i>	<i>60.00</i>			207B
Analysis	11.91	8.50	4.95	61.45	10.19	3.00	280M
Fort Morgan Mills, Inc., Fort Morgan, Colorado.							
Wheat Gray Shorts	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>			2476A
Analysis ^{106 b e}	18.22	2.85	3.01	61.61	11.20	3.11	431S
Fort Worth Cotton Oil Mill, Fort Worth, Texas.							
Panther Mixed Feed	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.00</i>			516C
Analysis	11.07	1.85	33.76	42.03	7.96	3.33	461W
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			516H
Analysis	43.85	7.05	10.97	26.88	5.96	5.29	20T
Analysis	44.01	6.70	10.77	26.80	6.04	5.68	266T
Analysis	42.95	6.19	11.08	26.41	7.57	5.80	463T
Fort Worth Poultry and Egg Company, Fort Worth, Texas.							
Dried Buttermilk	<i>34.00</i>	<i>5.00</i>	<i>1.00</i>	<i>35.00</i>			195A
Analysis	35.29	5.27	.54	36.40	10.22	12.28	529K
Analysis	35.35	7.71	.32	37.34	6.02	13.26	372T
Analysis	35.20	8.10	.24	36.56	9.34	10.56	399W
Fowler Commission Company, Inc., Shreveport, Louisiana.							
White Hominy Feed	<i>10.00</i>	<i>6.00</i>	<i>7.00</i>	<i>60.00</i>			663D
Analysis	12.30	8.67	6.28	58.98	10.62	3.15	374M
Sensation Brand Sweet Feed	<i>9.00</i>	<i>2.00</i>	<i>12.00</i>	<i>60.00</i>			663E
Analysis ^{a f 107}	5.38	.98	17.29	52.65	9.89	13.81	59F
Analysis ^{a 108}	9.60	.64	20.42	42.04	13.96	13.34	285F
Just-Rite Brand Dairy Feed	<i>21.50</i>	<i>3.50</i>	<i>15.00</i>	<i>42.00</i>			663F
Analysis ¹⁰⁹	23.92	3.89	15.45	34.18	10.06	12.50	287F
Frist, Frank P., El Paso, Texas.							
Frist's Red Hen Egg Mash with Charcoal	<i>22.00</i>	<i>3.80</i>	<i>8.00</i>	<i>43.00</i>			432E
Analysis ¹¹⁰	23.14	5.09	6.97	43.68	8.51	12.61	301S
Fuchs Poultry Farm, Houston, Texas.							
Fuchs Special Laying Mash	<i>18.00</i>	<i>4.50</i>	<i>6.00</i>	<i>50.00</i>			1651B
Analysis	18.60	6.60	5.30	51.02	9.77	8.71	26M
Fuller Cotton Oil Company, Snyder, Texas.							
43% Protein Cottonseed Cake	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1866C
Analysis	42.55	7.05	12.32	27.23	5.79	5.06	109S
Analysis ^{b c}	41.65	6.59	11.80	27.72	6.88	5.36	165S
Analysis	45.90	6.86	9.37	25.71	6.22	5.94	303S
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1866D
Analysis ^e	41.81	8.83	10.47	27.92	5.73	5.24	200K
Analysis ^{e f 111}	41.65	8.06	12.26	26.49	6.04	5.50	67S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁰⁶Wheat white shorts. Tags incorrectly printed.

¹⁰⁷Alfalfa stem meal claimed, not found. Ground rice hulls and straw, immature barley and barley hulls found, not claimed.

¹⁰⁸Cottonseed meal and ground rice hulls found, not claimed.

¹⁰⁹Wheat bran, hominy feed, linseed meal, oat shorts, oat middlings and oat hulls claimed, not found. Corn gluten meal and ground rice hulls found, not claimed. Excess ground oyster shell present.

¹¹⁰Milo meal found, not claimed.

¹¹¹Replaced with 43% protein cottonseed meal. Amount returned to manufacturer blended with high protein meal.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Fuller Cotton Oil Company, Snyder, Texas—Continued.							
43% Protein Cottonseed Meal—Cont.							
Analysis ^{b c}	41.55	8.51	11.47	26.90	6.26	5.31	166S
Analysis	46.31	8.66	8.65	25.29	5.84	5.25	240S
Analysis	45.11	8.23	8.39	26.58	6.73	4.96	258S
Analysis	43.13	7.58	11.46	25.96	6.24	5.63	302S
Analysis	43.79	7.91	11.12	25.41	6.56	5.21	304S
Gainesville Oil Mill, Gainesville, Texas.							
Golden Rod Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			1425H
Analysis ^c	42.18	7.90	12.10	26.51	6.09	5.22	70T
Galveston-Houston Breweries, Inc., Galveston, Texas.							
Malted Barley Screenings.....	21.00	1.70	11.00	53.50			558A
Analysis	21.24	1.77	10.54	53.74	6.92	5.79	558A
Geary Milling & Elevator Company, Geary, Oklahoma.							
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00			1166D
Analysis ^{112 c}	19.10	4.95	7.29	53.30	10.36	5.00	46F
Analysis	18.57	3.93	6.09	56.04	10.72	4.65	98F
General Feed Store, Wichita Falls, Texas.							
A-B-C Growing Mash.....	17.00	3.00	8.00	49.00			2150K
Analysis	19.73	4.08	6.52	52.36	8.30	9.01	396T
General Mills, Inc., Minneapolis, Minnesota, and Divisions.							
Wheat Gray Shorts and Screenings...	15.00	3.50	6.00	54.00			1747F
Analysis	18.39	4.02	5.61	56.83	10.76	4.39	454F
Analysis	17.45	4.34	5.88	57.14	11.03	4.16	468F
Analysis ^{b113}	20.09	4.48	4.91	55.22	10.45	4.85	353K
Analysis	17.93	4.38	6.18	57.59	9.23	4.69	481K
Analysis	20.38	4.03	5.53	55.00	10.96	4.10	434M
Analysis ^a	18.51	4.39	5.83	55.98	11.51	3.78	291S
Analysis ^{114 c}	19.22	4.68	6.36	55.30	10.00	4.44	449S
Analysis	18.57	4.30	5.94	55.85	10.79	4.55	516W
Eventually Gold Medal Brand Egg Mash.....	20.00	4.00	7.50	45.00			1747I
Analysis ^a	21.60	4.54	6.07	49.18	8.88	9.73	75K
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00			1747J
Analysis ^{b113}	18.64	4.08	9.48	50.84	9.38	7.58	354K
Analysis ^a	17.24	4.10	9.96	53.12	9.72	5.86	482K
Analysis	19.52	4.61	9.15	50.41	9.49	6.82	433M
Wheat Mixed Feed and Screenings...	15.00	3.50	8.50	54.00			1747A2
Analysis	17.17	4.41	8.56	54.73	9.28	5.85	467K
Eventually Gold Medal Brand Chick Builder with Manganese Dioxide...	19.00	4.00	7.00	46.00			1747B4
Analysis	20.35	4.46	6.32	48.91	10.51	9.45	239T
Eventually Gold Medal Brand Dairy Feed.....	20.00	3.70	12.00	45.00			1747C2
Analysis	22.13	3.43	9.84	47.72	10.65	6.23	238T
Ben Hur Egg Mash.....	18.00	4.00	8.00	46.00			1747D3
Analysis	19.61	4.19	9.40	46.72	8.46	11.62	114K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

112Wheat brown shorts.

113Obsolete tags attached.

114Wheat brown shorts and screenings.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Georgetown Oil Mill, Georgetown, Texas.							
28% Protein Whole-Pressed Cottonseed.	<i>28.00</i>	<i>5.00</i>	<i>23.00</i>	<i>29.00</i>			116D
Analysis.	28.62	5.01	24.17	33.96	3.66	4.58	170W
Analysis.	26.57	4.82	24.12	32.90	7.20	4.39	259W
Analysis.	26.93	4.53	22.95	32.76	6.39	6.44	347W
Ear Corn Chop with Husk and Molasses.							
	<i>6.50</i>	<i>2.20</i>	<i>7.50</i>	<i>65.00</i>			116G
Analysis ^{115 b} .	8.53	3.18	9.74	66.60	10.28	1.67	443H
Popeye Mixed Feed.							
	<i>9.00</i>	<i>1.20</i>	<i>28.00</i>	<i>37.50</i>			116J
Analysis.	8.10	96	24.88	42.87	14.10	9.09	263H
Analysis.	7.47	61	26.12	42.09	12.86	10.85	466H
Analysis.	9.50	1.78	26.04	43.40	11.93	7.35	356W
Georgetown Sweet Dairy Feed.							
	<i>18.20</i>	<i>3.80</i>	<i>16.00</i>	<i>43.00</i>			116M
Analysis.	21.76	3.79	16.81	43.43	8.81	5.40	207H
Analysis ¹¹⁶ .	18.30	4.05	17.17	47.22	6.66	6.60	92W
Pide's Delight Sweet Feed.							
	<i>21.00</i>	<i>4.00</i>	<i>15.50</i>	<i>41.00</i>			116N
Analysis.	22.85	4.19	15.73	42.04	9.21	5.98	258W
Pide's Delight Beef Fattener.							
	<i>15.80</i>	<i>3.30</i>	<i>15.00</i>	<i>47.50</i>			116P
Analysis.	15.80	2.92	15.35	49.89	10.45	5.59	346W
Ground Whole Oats.							
	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>			116V
Analysis ^{d a} .	9.79	5.56	12.95	58.17	9.52	4.01	442H
Gerald Company, The, Hamilton, Texas.							
Gerald's Mid-Tex Growing Mash.							
	<i>17.00</i>	<i>3.80</i>	<i>6.00</i>	<i>50.00</i>			776C
Analysis.	18.77	4.66	4.86	53.06	10.71	7.94	405W
Gerald's Mid-Tex Chick Starter.							
	<i>17.00</i>	<i>4.00</i>	<i>5.00</i>	<i>54.00</i>			776D
Analysis ^{b117} .	18.46	4.13	4.36	56.44	10.00	6.61	255W
Gerald's Mid-Tex Egg Mash.							
	<i>19.50</i>	<i>3.50</i>	<i>6.50</i>	<i>45.00</i>			776E
Analysis.	20.93	4.90	5.74	50.74	8.75	8.94	160W
Gibson Grain Company, Houston, Texas.							
Sunny South Egg Mash.							
	<i>18.00</i>	<i>4.00</i>	<i>7.20</i>	<i>49.00</i>			1243K
Analysis ^{c118} .	15.80	5.84	9.40	51.52	8.39	9.05	15M
Gibson's Seed-Feed House, Houston, Texas.							
Gulf Coast Dairy Feed.							
	<i>20.00</i>	<i>3.00</i>	<i>15.50</i>	<i>40.00</i>			1243D
Analysis.	21.50	6.31	12.77	41.70	9.04	8.68	65M
Sunny-South Laying Mash.							
	<i>18.00</i>	<i>4.40</i>	<i>8.00</i>	<i>46.00</i>			1243K
Analysis.	19.44	6.07	7.54	46.91	9.97	10.07	349M
Sunny-South Cow Feed.							
	<i>18.00</i>	<i>4.50</i>	<i>20.00</i>	<i>38.00</i>			1243L
Analysis.	19.70	6.28	16.40	40.19	9.72	7.71	179M
Gulf Coast Egg Mash with Charcoal.							
	<i>18.50</i>	<i>3.50</i>	<i>8.00</i>	<i>48.00</i>			1243M
Analysis.	21.00	5.31	6.21	49.02	8.88	9.58	130M
Gulf Coast Hen Scratch.							
	<i>11.00</i>	<i>3.00</i>	<i>3.00</i>	<i>70.00</i>			1243O
Analysis.	12.20	3.45	2.41	69.27	11.12	1.55	131M
Gilmer Cotton Oil & Fertilizer Company, Gilmer, Texas.							
Longhorn Pride-of-Texas Brand Mixed Feed.							
	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>			1559A
Analysis.	11.80	2.46	34.45	42.29	5.78	3.22	201F
Analysis.	9.45	1.66	35.31	42.84	7.53	3.21	318F
Analysis.	10.15	1.64	35.94	41.88	7.14	3.25	371F
Analysis.	9.31	1.33	36.30	42.28	7.17	3.61	467F

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹¹⁵Ear corn chop with husk.

¹¹⁶Registration canceled.

¹¹⁷Fish meal and ground dried kelp found, not claimed.

¹¹⁸Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Gilmer Cotton Oil & Fertilizer Company, Gilmer, Texas—Continued.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1559D
Analysis ^{c119}	38.55	6.24	13.92	28.01	7.50	5.78	49F
Analysis.....	43.14	6.57	10.61	26.22	7.69	5.77	106F
Analysis.....	43.25	6.79	10.65	25.75	7.82	5.74	107F
Analysis ^e	40.34	6.20	12.41	28.12	7.33	5.60	108F
Analysis ^e	40.65	6.53	12.29	27.75	7.14	5.64	164F
Analysis ^b	40.80	6.19	11.26	27.80	8.12	5.83	319F
Analysis ^e	40.95	6.37	11.89	26.93	8.17	5.69	370F
Analysis ^{b120}	42.65	6.55	10.99	26.37	7.59	5.85	372F
Glidden Company, The, Soya Products Division, Chicago, Illinois.							
Glidden 4-Hi 44% Protein New Process Soybean Oil Meal.....	<i>44.00</i>	<i>0.50</i>	<i>7.00</i>	<i>22.00</i>	.....	.....	2190A
Analysis.....	46.05	.84	5.99	33.21	8.13	5.78	2190A
Analysis.....	45.42	.58	6.01	31.38	10.45	6.16	380M
Globe Fico Manufacturing Company, (Flour and Grain Department), El Paso, Texas.							
Globe Fico Laying Mash with Alfalfa Meal and Charcoal.....	<i>18.00</i>	<i>3.60</i>	<i>7.00</i>	<i>50.00</i>	.....	.....	1123A
Analysis.....	19.35	5.62	6.41	50.57	8.91	9.14	231S
Peerless Brand Laying Mash with Alfalfa Meal and Charcoal.....	<i>18.00</i>	<i>3.50</i>	<i>6.50</i>	<i>46.00</i>	.....	.....	1123T
Analysis.....	20.13	4.33	5.69	51.50	8.17	10.18	23S
Peerless Brand Growing Mash with Alfalfa Meal and Charcoal.....	<i>17.50</i>	<i>3.50</i>	<i>7.50</i>	<i>49.00</i>	.....	.....	1123W
Analysis.....	21.02	5.05	5.74	51.44	7.79	8.96	401S
Peerless Brand Chicken Fattener.....	<i>11.00</i>	<i>3.20</i>	<i>7.00</i>	<i>53.00</i>	.....	.....	1123X
Analysis.....	13.83	3.97	5.89	64.08	8.08	4.15	437S
Peerless Brand Dairy Feed.....	<i>20.00</i>	<i>3.70</i>	<i>10.00</i>	<i>47.00</i>	.....	.....	1123Z
Analysis.....	22.26	4.88	8.01	50.50	7.62	6.73	438S
Globe Fico Chick Starter with Dried Buttermilk and Alfalfa Meal.....	<i>15.20</i>	<i>3.70</i>	<i>5.00</i>	<i>55.00</i>	.....	.....	1123A3
Analysis.....	18.05	5.54	4.27	55.89	7.95	8.30	357S
Godley Mill, The, Godley, Texas.							
Ear Corn Chop with Husk, Peanut Hay, and Molasses.....	<i>7.50</i>	<i>2.50</i>	<i>13.00</i>	<i>63.00</i>	.....	.....	308D
Analysis.....	8.40	2.31	15.31	49.50	12.48	12.00	318T
Analysis.....	7.50	2.25	15.33	55.48	12.70	6.74	323W
Growing Mash with Buttermilk.....	<i>14.00</i>	<i>3.00</i>	<i>5.50</i>	<i>56.00</i>	.....	.....	308R
Analysis.....	15.15	4.09	3.44	58.45	11.50	7.37	393W
Goetz Flour Mills Company, The, Newton, Kansas.							
American Ace Wheat Gray Shorts and Screenings.....	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	939D
Analysis ^{c121}	16.48	4.25	6.66	57.89	10.48	4.24	99F
Analysis.....	16.53	3.40	5.03	60.62	10.57	3.85	426F
Analysis ^d ^{a121}	15.42	3.63	7.15	58.92	10.75	4.13	60H
Analysis ^b ^{c122}	16.72	3.76	6.64	57.89	10.13	4.86	442K
Analysis.....	16.12	3.92	5.84	58.94	11.51	3.67	219M
Analysis ^{a121}	16.75	4.11	6.54	58.14	9.96	4.50	75T
Analysis ¹²³	15.62	3.63	6.03	60.06	10.60	4.06	409T
Analysis.....	17.10	5.46	5.82	55.90	10.89	4.83	469W

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

¹¹⁹Excess cottonseed hulls found. Off quality.

¹²⁰Tags incorrectly printed.

¹²¹Wheat brown shorts and screenings. Blank tags attached.

¹²²Wheat brown shorts and screenings.

¹²³Some wheat low-grade feed flour present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Goerz Flour Mills Company, The, Newton, Kansas—Continued.							
American Ace Wheat Bran.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	939F
Analysis ^{d b124}	15.72	4.15	11.10	54.26	7.82	6.95	434K
Golden Oak Milling Company, DeLeon, Texas.							
Golden Oak Laying Mash with Charcoal.....	<i>19.00</i>	<i>3.80</i>	<i>7.00</i>	<i>46.50</i>	.....	.....	25A
Analysis ¹²⁵	20.12	5.12	7.38	49.85	7.49	10.04	450T
Economy Brand Mixed Feed.....	<i>13.00</i>	<i>2.50</i>	<i>33.00</i>	<i>32.00</i>	.....	.....	25O
Analysis.....	15.02	3.12	29.81	38.36	4.44	9.25	71W
Caraway's Special Egg Mash.....	<i>19.00</i>	<i>3.70</i>	<i>8.00</i>	<i>47.00</i>	.....	.....	25P
Analysis.....	20.55	4.61	6.56	51.89	9.08	7.31	36T
Analysis.....	20.66	4.71	6.45	50.09	9.54	8.55	156W
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	25Q
Analysis.....	7.81	3.06	10.37	65.20	11.71	1.85	184T
Golden Oak 21% Protein Dairy Feed.....	<i>21.00</i>	<i>3.80</i>	<i>12.50</i>	<i>43.00</i>	.....	.....	25T
Analysis.....	22.12	5.92	10.54	44.51	8.64	8.27	314W
Golden Oak Sweet Feed.....	<i>10.50</i>	<i>2.40</i>	<i>22.00</i>	<i>42.50</i>	.....	.....	25A3
Analysis.....	12.48	2.47	20.71	42.62	12.03	9.71	303T
Analysis ¹²⁶	11.92	2.68	21.54	41.69	12.75	9.42	413W
Gonzales, A. N., Ysleta, Texas.							
Alexander's Laying Mash.....	<i>20.00</i>	<i>4.00</i>	<i>7.00</i>	<i>47.00</i>	.....	.....	1246A
Analysis ^a	18.31	5.69	5.57	52.94	7.70	9.79	10S
Analysis ¹²⁷	22.73	6.48	6.52	49.11	6.75	8.41	404S
Alexander's Dairy Feed.....	<i>18.00</i>	<i>4.00</i>	<i>9.00</i>	<i>51.00</i>	.....	.....	1246C
Analysis.....	20.14	5.82	6.04	54.23	8.95	4.82	355S
Gonzales Cotton Oil & Manufacturing Company, Gonzales, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	388F
Analysis ^c	42.45	7.61	11.61	26.73	6.22	5.38	46H
Analysis.....	42.68	6.58	10.68	27.57	6.97	5.52	75H
Analysis ^{b c}	41.74	7.36	11.26	27.98	6.47	5.19	112H
Analysis ^c	41.56	7.22	11.03	26.88	7.92	5.39	119H
Analysis.....	43.06	6.95	10.55	26.55	7.61	5.28	141H
Analysis.....	42.89	7.53	9.85	26.28	8.13	5.32	186H
Analysis.....	44.07	7.42	9.19	26.35	7.52	5.45	197H
Analysis.....	42.87	6.90	9.46	26.18	9.11	5.48	336H
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	388G
Analysis.....	43.69	6.03	9.77	26.29	8.75	5.47	142H
Analysis.....	44.96	6.80	8.66	26.06	8.12	5.40	198H
Goodner, Jim B., McKinney, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	1860A
Analysis.....	8.00	2.87	9.84	64.58	13.02	1.69	163T
Gordon & Company, J. S., Beaumont, Texas.							
Holsum Brand Mixed Feed.....	<i>15.00</i>	<i>3.00</i>	<i>17.00</i>	<i>45.00</i>	.....	.....	272O
Analysis ¹²⁷	18.99	4.98	10.71	52.51	8.85	3.96	290M
Egg-I-See Poultry Feed.....	<i>10.00</i>	<i>2.50</i>	<i>4.00</i>	<i>67.00</i>	.....	.....	272R
Analysis ¹²⁸	11.10	3.30	2.25	70.27	11.57	1.51	41M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹²⁴Incorrectly printed tags attached.

¹²⁵Excess finely ground oyster shell found.

¹²⁶Deficient in ground limestone and excess salt found.

¹²⁷Deficient in salt.

¹²⁸Kafir claimed, not found.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Gossett Feed and Produce,							
Taylor, Texas.							
Taylor-Made Egg Mash with Charcoal	19.00	3.60	8.00	46.00	.....	.....	352F
Analysis	21.75	5.40	6.54	45.65	8.11	12.55	10W
Taylor-Made Starting Mash	17.50	4.00	6.50	50.50	.....	.....	352H
Analysis	19.27	4.37	6.38	52.77	11.23	5.98	272W
Taylor-Made Growing Mash	16.00	3.60	6.50	52.50	.....	.....	352I
Analysis	19.40	3.98	5.30	54.47	11.03	5.82	420W
Graham Mill & Elevator Company,							
Graham, Texas.							
Supreme Brand Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00	.....	.....	664G
Analysis	19.31	4.53	5.91	56.41	9.82	4.01	66F
Analysis	18.50	4.14	5.31	57.23	10.71	4.11	440F
Analysis	18.33	4.30	6.08	56.50	10.37	4.42	6M
Analysis	18.64	4.64	6.13	54.06	12.39	4.14	198S
Analysis ¹²⁹	18.55	4.58	7.05	55.67	10.05	4.10	387S
Supreme Brand Corn Feed Meal	8.00	3.00	3.00	67.00	.....	.....	664R
Analysis	9.86	3.25	2.38	70.82	12.26	1.43	339K
Supreme Brand Ground Whole Oats	11.00	4.00	12.00	58.00	.....	.....	664S
Analysis ¹³⁰	12.94	4.89	8.93	60.60	9.28	3.36	394T
Supreme Brand Egg Mash with Buttermilk and Cod Liver Oil	20.00	3.70	6.50	47.00	.....	.....	664V
Analysis	23.21	5.36	4.83	47.82	11.13	7.65	312S
Texas King Brand Sweet Feed	9.00	2.20	15.00	53.00	.....	.....	664X
Analysis	10.00	.85	11.67	53.50	15.19	8.79	220F
Supreme Brand All-Mash Starter with Buttermilk and Cod Liver Oil	17.00	4.00	5.00	52.00	.....	.....	664Y
Analysis	18.64	4.79	4.70	54.25	11.89	5.73	278S
Supreme Brand 24% Protein Dairy Feed	24.00	3.70	11.50	41.00	.....	.....	664A3
Analysis	24.70	4.23	9.91	43.00	10.92	7.24	223F
Analysis	23.23	3.97	10.65	44.37	11.19	6.59	107M
Texas King Brand 5 Egg Mash	19.00	3.50	7.50	46.00	.....	.....	664A6
Analysis	20.10	4.90	8.91	48.84	9.46	7.79	128K
Texas King Brand 5 Egg Mash Pellets	19.00	3.50	7.50	46.00	.....	.....	664A7
Analysis	19.80	4.85	6.20	47.94	10.95	10.26	221F
Supreme Brand Alfalfa-Molasses Feed	9.80	1.00	23.20	43.50	.....	.....	664A9
Analysis	9.66	.69	24.19	47.61	10.78	7.67	333T
Texas King Brand Horse and Mule Feed	10.00	2.50	14.00	52.00	.....	.....	664B9
Analysis ⁶¹⁸¹	12.48	3.22	10.53	55.04	12.98	5.75	222F
Analysis ⁶¹⁸¹	13.11	3.24	9.20	54.53	12.21	7.71	361W
Ear Corn Chop with Husk and Molasses	7.00	2.30	8.50	65.00	.....	.....	664C5
Analysis ⁶¹⁸²	7.20	2.77	10.80	67.72	9.73	1.78	320T
Grande Rio Cotton Oil Company,							
Hebbronville, Texas.							
28% Protein Whole-Pressed Cottonseed	28.00	6.00	23.00	29.00	.....	.....	2084B
Analysis	30.26	4.42	22.18	31.58	6.74	4.82	98H
Grapevine Feed Company,							
Grapevine, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	.....	.....	1662C
Analysis	7.63	2.83	12.90	66.27	9.29	1.08	14R
Analysis ¹³³	6.27	1.75	18.75	59.77	11.37	2.09	58R
Analysis	9.28	3.09	10.64	62.83	11.53	2.63	151T
Analysis	9.10	3.14	9.84	63.86	12.15	1.91	319T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹²⁹Wheat brown shorts and screenings.¹³⁰Corn meal and milo meal present.¹³¹Tags incorrectly printed.¹³²Ear corn chop with husk. Mutilated tags attached.¹³³Excess corn cobs and corn husk present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Grapevine Feed Company,							
Grapevine, Texas—Continued.							
Ground Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	1662D
Analysis ¹³⁴	6.80	2.75	24.30	53.16	7.11	5.88	3R
Analysis ^{135f}	8.10	2.60	24.23	52.25	7.05	5.77	13R
Analysis ¹³⁴	7.70	2.84	23.58	53.28	6.60	6.00	15T
Analysis ¹³⁴	7.42	2.52	23.73	53.19	6.97	6.17	22T
Analysis ^{135f}	6.74	2.27	22.03	54.32	8.92	5.72	105T
Analysis.....	11.75	6.24	11.57	57.47	9.27	3.70	110T
Ground Whole Barley.....	<i>11.00</i>	<i>1.50</i>	<i>6.00</i>	<i>65.00</i>	.....	.....	1662L
Analysis ¹³⁶	12.08	3.42	8.71	63.46	9.19	3.14	436T
Alfalfa Meal and Molasses.....	<i>10.50</i>	<i>1.10</i>	<i>25.00</i>	<i>42.50</i>	.....	.....	1662N
Analysis ¹³⁷	10.03	.89	27.22	42.01	11.10	8.75	42R
Analysis.....	14.79	1.01	17.45	42.76	15.02	8.97	218T
Analysis.....	12.41	.73	22.52	44.28	11.30	8.76	369T
Analysis.....	12.80	.71	22.15	42.13	12.92	9.29	471T
Peanut Hulls and Molasses.....	<i>7.00</i>	<i>1.20</i>	<i>44.00</i>	<i>33.00</i>	.....	.....	1662U
Analysis.....	5.18	.54	43.64	32.75	12.60	5.29	47R
Decoy Brand Sweet Feed.....	<i>9.00</i>	<i>2.20</i>	<i>11.00</i>	<i>55.00</i>	.....	.....	1662Z
Analysis ¹³⁸	8.00	.88	14.19	57.03	9.89	10.01	60T
Analysis.....	10.72	2.38	9.83	54.66	13.15	9.26	178T
Ground Whole Oats, Oat Hulls, Oat Middlings, and Oat Shorts.....	<i>9.00</i>	<i>3.20</i>	<i>16.00</i>	<i>56.50</i>	.....	.....	1662A2
Analysis ^{139f}	9.80	2.69	22.24	50.35	7.49	7.43	16R
Analysis ¹⁴⁰	8.59	3.45	19.84	53.46	9.31	5.35	75R
Analysis.....	9.70	3.94	16.94	55.46	8.19	5.77	111T
Analysis.....	9.80	3.66	17.05	54.80	9.33	5.36	373T
B & D Brand Crimped Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	1662A7
Analysis.....	12.54	5.69	10.94	56.81	9.70	4.32	367T
B & D Brand Growing Mash with Cod Liver Oil.....	<i>18.00</i>	<i>4.00</i>	<i>6.00</i>	<i>51.00</i>	.....	.....	1662B4
Analysis.....	20.46	4.68	7.42	50.54	9.60	7.30	287T
B & D Brand Chick Starter with Cod Liver Oil.....	<i>18.00</i>	<i>4.00</i>	<i>5.50</i>	<i>52.00</i>	.....	.....	1662B5
Analysis.....	19.10	5.16	6.22	51.75	9.05	8.72	288T
B & D Brand Five Point Egg Mash.....	<i>19.00</i>	<i>3.60</i>	<i>8.00</i>	<i>47.50</i>	.....	.....	1662B7
Analysis.....	18.82	4.91	7.79	49.38	11.21	7.89	177T
B & D 16% Protein Dairy Feed.....	<i>16.00</i>	<i>3.20</i>	<i>12.00</i>	<i>48.00</i>	.....	.....	1662C4
Analysis ¹⁴¹	16.62	3.03	13.06	46.89	10.71	9.69	359T
B & D 24% Protein Dairy Feed.....	<i>24.00</i>	<i>3.80</i>	<i>12.00</i>	<i>39.00</i>	.....	.....	1662C6
Analysis ¹⁴²	24.40	4.03	10.40	42.60	10.60	7.97	360T
Great Atlantic & Pacific Tea Company,							
The,							
New York, New York.							
"Made-in-the-South" Talco Starting Mash.....	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>46.00</i>	.....	.....	987F
Analysis.....	18.17	4.40	5.72	55.13	11.27	5.31	227T
Analysis.....	18.44	4.37	6.44	52.88	10.27	7.60	360W
"Made-in-the-South" Talco Growing Mash.....	<i>17.50</i>	<i>4.00</i>	<i>7.50</i>	<i>51.00</i>	.....	.....	987G
Analysis.....	15.66	5.09	6.56	59.47	8.86	4.36	429W
Special Talco Egg Laying Mash.....	<i>19.00</i>	<i>3.50</i>	<i>7.50</i>	<i>46.00</i>	.....	.....	987L
Analysis.....	21.25	5.20	7.03	47.65	9.89	8.98	347T
Analysis.....	21.24	4.42	7.33	49.03	9.08	8.90	291W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

134Excess ground oat hulls present.

135Excess ground oat hulls present. Amount returned used in manufacture of mixed feed.

136Large amount of ground whole oats present.

137Alfalfa stem meal present.

138Corn bran and corn gluten meal claimed, not found. Ground hegari heads, stalks and stems, alfalfa meal and cottonseed meal found, not claimed.

139Deficient in ground whole oats. Excess ground oat hulls present. Amount returned used in manufacture of mixed feed.

140Deficient in ground whole oats. Excess ground oat hulls present.

141Excess ground oyster shell found.

142Deficient in ground oyster shell.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937,
to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spection No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Great West Mill & Elevator Company, (Trade Name) Southwestern Division of General Mills, Inc., Amarillo, Texas.							
Wheat Gray Shorts.....	<i>16.70</i>	<i>3.70</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	895B
Analysis.....	18.73	4.26	6.06	55.04	11.53	4.38	86F
Analysis ¹⁴³ c.....	19.51	4.15	7.69	52.39	10.40	5.86	7K
Analysis ¹⁴⁴ b c.....	19.47	4.30	6.96	52.62	10.85	5.80	124K
Analysis ¹⁴⁵ e.....	19.05	4.12	6.71	53.71	11.01	5.40	229K
Analysis ¹⁴⁴ b c.....	18.33	4.33	6.60	54.40	10.90	5.44	57M
Analysis ¹⁴⁴ e.....	18.77	4.39	6.26	55.70	10.32	4.56	147S
Analysis ¹⁴⁴ b c.....	18.55	4.05	6.75	53.81	12.05	4.79	255S
Analysis ¹⁴⁴ e.....	17.92	4.61	7.23	52.91	11.88	5.45	244W
Wheat Bran and Screenings.....	<i>16.50</i>	<i>3.60</i>	<i>10.00</i>	<i>53.00</i>	.....	.....	895F
Analysis.....	16.00	4.17	10.91	50.71	8.95	9.26	20K
Green Milling & Grain Company, C. L., Winters, Texas.							
Wheat Mixed Feed.....	<i>17.50</i>	<i>3.50</i>	<i>8.50</i>	<i>52.00</i>	.....	.....	2331C
Analysis.....	18.30	3.84	6.37	56.64	10.84	4.01	317S
Greenville Cotton Oil Company, Greenville, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	260A
Analysis.....	42.98	6.28	11.32	27.64	6.63	5.15	16F
Analysis.....	42.88	6.69	11.62	26.54	6.38	5.89	36F
Analysis.....	43.12	7.06	11.06	27.05	6.55	5.16	73F
Analysis.....	42.67	6.81	10.80	27.85	6.46	5.41	124F
Analysis.....	43.69	6.09	10.26	26.12	8.11	5.73	356F
Analysis.....	43.11	6.34	10.86	25.70	8.23	5.76	406F
Analysis.....	43.13	6.06	11.30	25.24	8.10	6.17	281T
Red Rooster Brand Cottonseed Hulls and Cottonseed Meal.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>	.....	.....	260D
Analysis.....	13.78	2.30	36.68	39.14	4.97	3.13	-17F
Gross, B. J., Bonham, Texas.							
Economy Brand Dairy Feed.....	<i>18.50</i>	<i>3.80</i>	<i>12.00</i>	<i>48.00</i>	.....	.....	1573F
Analysis.....	21.10	4.74	10.87	47.91	10.15	5.23	142F
Analysis.....	19.38	4.61	11.25	48.58	10.59	5.59	301F
Economy Brand Hog Feed.....	<i>15.00</i>	<i>3.50</i>	<i>7.00</i>	<i>55.00</i>	.....	.....	1573K
Analysis.....	17.01	5.03	5.75	55.35	11.06	5.80	141F
Economy Brand Horse and Mule Feed	<i>10.00</i>	<i>2.50</i>	<i>13.00</i>	<i>55.50</i>	.....	.....	1573N
Analysis.....	12.31	3.01	10.39	56.69	10.17	7.43	397F
Guild and Son, Frank, Tyler, Texas.							
20% Protein Dairy Feed.....	<i>20.00</i>	<i>4.00</i>	<i>13.00</i>	<i>41.50</i>	.....	.....	595D
Analysis.....	26.35	4.75	11.80	41.88	6.35	8.87	40F
Gulf Coast Rice Mills, Houston, Texas.							
Rice Polish containing Precipitated Carbonate of Lime.....	<i>11.00</i>	<i>6.00</i>	<i>4.00</i>	<i>55.00</i>	.....	.....	2457A
Analysis.....	11.30	11.47	4.51	54.78	10.71	7.23	246M
Rice Bran containing Precipitated Carbonate of Lime.....	<i>11.00</i>	<i>10.00</i>	<i>15.00</i>	<i>42.00</i>	.....	.....	2457B
Analysis ¹⁴⁶	16.83	10.02	15.86	33.77	8.32	15.20	4M
Analysis.....	12.10	12.14	13.32	40.56	10.90	10.98	243M
Analysis.....	11.52	11.56	12.92	41.14	10.75	12.11	289T
Analysis.....	12.60	11.49	13.33	41.33	8.26	12.99	513W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁴³Wheat mixed feed and screenings.

¹⁴⁴Wheat brown shorts.

¹⁴⁵Wheat brown shorts and screenings.

¹⁴⁶Excess ground rice hulls present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Gutierrez & Company, Teodosio, Laredo, Texas.							
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	1331B
Analysis.....	16.65	4.52	9.64	52.70	11.50	4.99	164H
Analysis.....	16.75	4.37	9.04	56.43	8.16	5.25	434H
Hacker Flour Mills, Jefferson, Oklahoma.							
Wheat Gray Shorts and Screenings...	<i>17.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	747C
Analysis ^{147 b}	16.24	3.99	6.87	57.62	10.94	4.34	310F
Analysis ^{147 b}	17.06	4.17	6.94	56.80	10.74	4.29	295M
Analysis ^{147 c}	17.18	3.65	7.39	55.33	11.69	4.76	362M
Analysis.....	19.11	4.66	6.01	54.79	10.13	5.30	519W
Hairgrove, Dee R., Spur, Texas.							
Dairy Feed.....	<i>17.00</i>	<i>3.80</i>	<i>10.50</i>	<i>48.00</i>	.....	.....	2370B
Analysis.....	19.41	5.05	10.86	49.55	9.77	5.36	107K
Hall Coal & Grain, A. W., Quanah, Texas.							
Quanah Cow Feed.....	<i>17.00</i>	<i>3.00</i>	<i>26.00</i>	<i>36.00</i>	.....	.....	391A
Analysis.....	17.00	3.79	24.44	42.93	6.97	4.87	98K
Hamilton, Walter, Dublin, Texas.							
T. H. Mixed Feed.....	<i>17.50</i>	<i>3.70</i>	<i>13.80</i>	<i>47.00</i>	.....	.....	1616D
Analysis ¹⁴⁸	14.86	3.71	13.36	51.06	8.83	8.18	447T
Hamilton's Dry Mash.....	<i>18.00</i>	<i>4.00</i>	<i>8.00</i>	<i>49.00</i>	.....	.....	1616E
Analysis.....	17.95	4.40	7.35	52.63	10.40	7.27	383T
Hamilton Cotton Oil Company, Hamilton, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	98A
Analysis.....	42.72	8.84	11.87	27.10	4.35	5.12	73W
Analysis ^{149 c}	39.41	6.96	14.20	27.90	6.82	4.71	161W
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	98B
Analysis.....	44.05	6.21	11.14	26.41	6.60	5.59	248W
Analysis.....	43.12	6.15	11.35	26.78	7.21	5.39	333W
Hamilton Cotton Oil Company, Shreveport, Louisiana.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	183A
Analysis.....	43.66	6.12	11.08	26.43	6.66	6.05	121F
Analysis ^c	41.88	5.84	12.27	25.88	7.91	6.22	292F
Analysis ^c	42.06	5.99	11.08	26.32	8.04	6.51	334F
Analysis ^a	43.83	6.14	10.27	25.63	7.73	6.40	469F
Analysis.....	43.77	5.70	11.15	25.97	6.91	6.50	118M
Analysis.....	44.10	6.25	10.55	24.44	8.00	6.66	216M
41.12% Protein Ground Cottonseed Feed.....	<i>41.12</i>	<i>5.00</i>	<i>14.00</i>	<i>26.00</i>	.....	.....	183C
Analysis ^{a c}	39.56	5.66	13.49	27.17	7.83	6.29	382F
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	183D
Analysis.....	43.22	5.62	10.58	26.14	8.14	6.30	45M
Hamilton's Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.00</i>	.....	.....	183E
Analysis ^a	9.09	1.45	39.08	39.83	7.02	3.53	122F
Analysis.....	8.33	1.36	39.61	39.74	7.69	3.27	293F
Analysis.....	11.02	1.40	36.77	41.00	6.52	3.29	428F

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

¹⁴⁷Wheat brown shorts and screenings.

¹⁴⁸Ground milo heads and ground kafir heads claimed, not found. Molasses and a large amount of ear corn chop with husk found, not claimed.

¹⁴⁹Excess cottonseed hulls present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					Regis- tration or In- spection No.	
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture		Crude Ash
Hamilton Mill & Elevator Company, Hamilton, Texas.							
Hamco 32% Protein Concentrate with Minerals for Poultry.....	<i>32.00</i>	<i>4.00</i>	<i>7.00</i>	<i>21.00</i>	.....	.....	62J
Analysis ¹⁵⁰	33.20	6.22	8.66	20.13	6.82	24.97	159W
Hamco Mixed Feed.....	<i>13.30</i>	<i>3.60</i>	<i>10.20</i>	<i>55.00</i>	.....	.....	62K
Analysis ¹⁵¹	15.40	4.27	9.10	55.19	10.45	5.59	241W
Wheat Gray Shorts.....	<i>15.00</i>	<i>3.50</i>	<i>5.50</i>	<i>57.00</i>	.....	.....	62R
Analysis ^{152 c}	16.30	4.11	8.19	55.42	10.59	5.39	400W
Analysis ^{153 c}	17.20	3.66	6.85	57.98	9.93	4.38	489W
Analysis ^{153 b c}	17.85	3.81	6.73	57.18	9.82	4.61	496W
Hamco Laying Mash with Minerals.....	<i>20.00</i>	<i>4.00</i>	<i>5.50</i>	<i>48.00</i>	.....	.....	62Y
Analysis.....	21.25	4.41	6.19	49.92	9.38	8.85	264W
Hamco Baby Chick Starter with Minerals.....	<i>18.00</i>	<i>4.00</i>	<i>6.50</i>	<i>52.00</i>	.....	.....	62Z
Analysis.....	20.94	5.09	5.29	49.88	10.47	8.33	348W
Hamco Economy Brand Egg Mash.....	<i>19.00</i>	<i>3.60</i>	<i>8.00</i>	<i>44.50</i>	.....	.....	62A2
Analysis.....	20.10	4.74	7.99	49.77	9.04	8.36	309T
Analysis.....	20.30	4.54	8.70	49.27	8.02	9.17	66W
Analysis.....	19.60	4.34	8.59	49.47	9.91	8.09	240W
Analysis.....	19.86	4.82	7.74	50.86	8.52	8.20	475W
Hamco Corn Cobs, Corn Husk, and Molasses.....	<i>3.00</i>	<i>0.40</i>	<i>26.50</i>	<i>55.00</i>	.....	.....	62A7
Analysis ^{154 f}	3.90	.40	22.99	59.92	8.52	4.27	132T
Hamco Special Feed.....	<i>13.50</i>	<i>3.30</i>	<i>10.00</i>	<i>54.00</i>	.....	.....	62B1
Analysis.....	13.34	3.79	10.08	56.13	11.33	5.33	308T
Hamlin Hatchery, Hamlin, Texas.							
H-H Laying Mash with Iron Oxide.....	<i>18.00</i>	<i>3.50</i>	<i>6.50</i>	<i>46.00</i>	.....	.....	71A
Analysis ¹⁵⁵	20.55	4.88	5.20	50.38	9.70	9.29	206S
H & H Chick Starter with Iron Oxide.....	<i>17.50</i>	<i>3.60</i>	<i>5.00</i>	<i>52.50</i>	.....	.....	71B
Analysis.....	19.23	4.33	3.62	53.47	11.36	7.99	276S
H & H Growing Mash with Iron Oxide.....	<i>17.50</i>	<i>3.50</i>	<i>5.00</i>	<i>54.00</i>	.....	.....	71C
Analysis.....	18.40	4.25	2.82	57.71	10.96	5.86	334S
Hardage, Roy, Canadian, Texas.							
Milo Chop.....	<i>10.00</i>	<i>2.50</i>	<i>3.00</i>	<i>70.00</i>	.....	.....	735C
Analysis ^a	12.99	3.19	2.07	68.71	10.92	2.12	469K
Hardeman-King Company, Amarillo, Texas.							
Merit Brand Growing Mash with Charcoal.....	<i>18.50</i>	<i>3.50</i>	<i>7.00</i>	<i>51.00</i>	.....	.....	847H
Analysis.....	20.11	4.29	6.75	48.94	11.09	8.82	290K
Tip-Top Brand Egg Mash.....	<i>19.00</i>	<i>3.50</i>	<i>8.00</i>	<i>48.00</i>	.....	.....	847I
Analysis.....	21.06	4.05	7.26	49.73	9.28	8.62	425K
Merit Brand Egg Mash with Charcoal.....	<i>18.00</i>	<i>3.50</i>	<i>8.00</i>	<i>49.00</i>	.....	.....	847J
Analysis ^{156 e}	22.03	4.04	8.54	47.29	8.71	9.39	18K
Merit Brand Egg Mash with Charcoal.....	<i>19.00</i>	<i>3.50</i>	<i>7.00</i>	<i>47.00</i>	.....	.....	847J
Analysis.....	19.60	4.37	6.39	50.57	10.77	8.30	238K
Merit Brand 16.50% Protein Sweet Pellets.....	<i>16.50</i>	<i>3.00</i>	<i>5.00</i>	<i>54.50</i>	.....	.....	847S
Analysis.....	16.32	3.25	4.43	60.99	8.59	6.42	77K
Tip-Top Brand Dairy Feed.....	<i>16.00</i>	<i>3.00</i>	<i>8.50</i>	<i>50.00</i>	.....	.....	847V
Analysis ¹⁵⁷	13.68	1.99	9.65	52.30	9.58	12.80	447K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁵⁰Obsolete tags attached.

¹⁵¹Corn meal present, not claimed. Deficient in corn barn.

¹⁵²Wheat mixed feed.

¹⁵³Wheat brown shorts.

¹⁵⁴Information in bags and tags at variance.

¹⁵⁵Deficient in ground oyster shell.

¹⁵⁶Corn gluten feed found, not claimed.

¹⁵⁷Deficient in milo head chop and ground oyster shell. Excess ground screenings present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hardeman-King Company, Amarillo, Texas—Continued.							
Merit Brand Milk-Maker Dairy Feed.	20.00	3.50	13.50	43.50			847C4
Analysis	21.58	4.26	10.42	46.32	9.34	8.08	472K
Merit Brand All-Mash Starter with Charcoal and Manganese Sulphate.	18.00	4.00	7.50	51.00			847C5
Analysis	22.60	4.60	6.33	50.58	8.08	7.81	524K
Square-Meal Brand Cow Feed.	11.00	1.70	19.50	44.50			847D4
Analysis	12.31	1.48	18.16	50.35	8.18	9.52	51K
First Choice Brand Dairy Feed.	24.00	4.00	9.00	42.00			847D5
Analysis ¹⁵⁸	20.30	3.25	7.78	46.03	8.58	14.06	455K
Square-Meal Brand Egg Mash.	18.00	3.60	8.00	49.00			847D6
Analysis	21.15	4.78	9.93	44.22	9.28	10.64	110K
Merit Brand Summer Developing Mash with Charcoal.	16.50	3.20	13.00	46.00			847D8
Analysis	21.70	4.32	8.92	45.84	8.91	10.31	471K
Four Square Brand Sweet Feed.	16.00	2.60	14.00	46.50			847E1
Analysis	15.93	2.57	12.93	49.78	10.54	8.25	55K
Kafir Meal and Molasses Pellets.	8.00	1.80	2.30	68.00			847E4
Analysis ^{d a}	10.85	2.49	1.94	68.54	12.92	3.26	155K
Milo Meal and Molasses.	8.50	2.40	2.40	69.00			847E8
Analysis	10.82	2.66	2.60	67.52	13.42	2.98	479K
Hardy Street Feed Store, Houston, Texas.							
Hearty Brand 19% Protein Dairy Feed.	19.00	4.50	13.50	46.00			1494A
Analysis ^{d a}	21.06	4.18	12.31	45.12	9.60	7.73	384M
Hearty Brand 24% Protein Dairy Feed.	24.00	3.60	12.50	38.50			1494B
Analysis ^{d a}	24.80	3.85	12.23	39.95	10.01	9.16	385M
Hearty Brand Laying Mash with Charcoal.	18.00	3.50	8.00	44.50			1494C
Analysis ^{d a}	22.95	4.86	6.56	45.39	8.56	11.68	386M
Hearty Brand Growing Mash with Charcoal.	15.00	3.30	6.60	53.00			1494D
Analysis ^{d a}	18.00	5.12	6.37	53.02	9.35	8.14	389M
Hearty Brand Hen Scratch.	10.00	3.00	3.00	70.00			1494E
Analysis ^{d a}	11.45	3.03	2.03	72.84	9.25	1.40	388M
Savon Brand Laying Mash with Charcoal.	18.00	3.50	8.00	47.00			1494I
Analysis ^{d a}	19.68	4.31	6.58	46.66	9.63	13.14	387M
Hearty Brand Special Cow Feed.	19.00	3.80	18.00	39.00			1494J
Analysis ^{d a}	19.40	5.41	16.75	38.60	10.31	9.53	383M
Harlingen Cotton Oil Mill, Harlingen, Texas.							
43% Protein Cottonseed Meal.	43.00	6.00	12.00	23.00			772B
Analysis	44.82	8.56	9.87	26.01	4.61	6.13	95H
Analysis	43.13	8.68	9.83	26.09	6.32	5.95	102H
Analysis	43.27	8.17	10.39	25.32	6.81	6.04	157H
Analysis	42.90	8.52	10.29	26.80	5.63	5.86	159H
Analysis	43.34	8.06	10.49	25.40	6.84	5.87	230H
Analysis ^{b159}	42.55	7.62	9.63	24.71	9.34	6.15	301H
Analysis	44.68	8.28	9.27	25.69	5.83	6.25	5T
Panther Mixed Feed Pellets.	28.00	4.00	14.50	26.00			772C
Analysis	29.55	5.95	22.27	31.52	5.95	4.76	94H
Analysis	27.18	4.99	24.80	32.29	6.02	4.72	238H
Analysis ^e	28.50	5.51	23.36	29.99	8.06	4.58	246H
Harris Feed & Chick Store, Fort Worth, Texas.							
Harris' OK Brand Dairy Feed.	19.00	3.80	12.00	48.00			962A
Analysis	19.34	4.40	10.69	49.96	8.14	7.47	438T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁵⁸Excess salt present.

¹⁵⁹Cottonseed pellets.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Harris Feed & Chick Store,							
Fort Worth, Texas—Continued.							
OK Brand Egg Mash.....	20.00	4.50	7.20	46.00	.....	.....	962F
Analysis.....	21.70	5.63	5.93	47.07	7.87	11.80	437T
Harvest Queen Mill & Elevator Company,							
Plainview, Texas.							
Wheat Gray Shorts and Screenings...	16.00	4.00	6.00	55.00	.....	.....	755F
Analysis.....	19.38	4.85	5.57	55.91	10.26	4.03	40K
Analysis ¹⁶⁰	19.03	4.13	6.46	55.68	10.13	4.57	510K
Wheat Red Dog Flour.....	15.00	2.50	4.00	65.00	.....	.....	755G
Analysis.....	16.79	2.22	1.72	66.66	11.07	1.54	237K
Wheat Bran and Screenings.....	15.00	3.00	10.00	50.00	.....	.....	755K
Analysis.....	16.67	3.83	9.66	52.96	9.08	7.80	381K
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	755L
Analysis.....	9.68	7.92	8.17	62.38	9.38	2.47	36K
Analysis.....	10.10	6.56	7.55	62.72	10.99	2.08	235K
Wheat Mixed Feed and Screenings...	16.00	3.50	8.50	52.00	.....	.....	755P
Analysis.....	18.85	5.08	7.15	54.86	9.43	4.63	518K
Harvester Feed Company,							
Pampa, Texas.							
Harvester Brand 17% Protein Mixed Feed.....	17.00	2.50	21.00	34.00	.....	.....	1416C
Analysis.....	18.43	3.44	17.58	42.10	9.62	8.83	475K
Hayes Grain Company,							
Whitney, Texas.							
Cottonseed Hulls and Cottonseed Meal	13.00	1.80	40.00	27.00	.....	.....	873B
Analysis.....	13.70	1.86	34.21	40.45	6.26	3.52	324W
Heid Bros.,							
El Paso, Texas.							
H. B. Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	2446G
Analysis.....	13.58	4.89	9.49	58.63	8.75	4.66	228S
Laying Mash with Charcoal.....	18.00	4.00	8.00	46.00	.....	.....	2446M
Analysis ¹⁶¹	19.72	5.71	6.57	51.41	7.68	8.91	154S
Analysis.....	19.65	6.14	8.20	49.74	6.05	10.22	441S
H. B. Dairy Feed.....	15.00	4.00	10.00	54.00	.....	.....	2446P
Analysis.....	15.80	3.62	10.62	57.02	7.02	5.92	18S
Analysis.....	17.21	5.62	8.84	54.31	7.64	6.38	442S
Hempstead Feed Mills,							
Hempstead, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00	.....	.....	1504C
Analysis.....	7.35	3.41	10.95	63.80	12.59	1.90	264M
Archie's Brand 18% Protein Sweet Feed.....	18.00	3.50	14.50	44.00	.....	.....	1504E
Analysis.....	14.45	2.16	15.25	46.66	13.98	7.50	263M
Henderson Grain Company,							
Abilene, Texas.							
H and H Mixed Feed.....	11.00	1.60	42.50	28.00	.....	.....	350A
Analysis.....	14.26	2.69	31.39	41.25	6.72	3.69	424S
H. P. H. Supreme Brand Dairy Feed.	21.50	3.60	12.00	43.00	.....	.....	350E
Analysis.....	23.41	4.52	12.52	43.37	9.66	6.52	336S
Henco Mix Feed.....	13.50	1.90	32.50	33.50	.....	.....	350F
Analysis.....	15.03	2.26	27.82	39.76	8.48	6.65	2S
Analysis.....	15.64	2.55	26.00	39.49	10.75	5.57	207S
H. P. H. Supreme Brand Baby Chick Starter.....	17.80	3.50	5.50	51.00	.....	.....	350K
Analysis.....	20.86	4.71	4.50	51.21	11.40	7.32	277S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁶⁰Wheat brown shorts and screenings.¹⁶¹Excess ground oyster shell found.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hendrick Grain Company,							
Houston, Texas.							
Double-Good Brand Dairy Feed.....	<i>20.00</i>	<i>5.00</i>	<i>16.00</i>	<i>38.00</i>	.....	.....	547A
Analysis.....	16.60	5.65	13.45	43.79	9.80	10.71	28M
Analysis ¹⁶²	17.32	5.51	13.89	41.35	11.25	10.68	199M
Analysis ¹⁶³	17.80	4.64	14.69	41.20	11.34	10.33	244M
Analysis.....	19.12	5.98	14.42	38.58	9.97	11.93	448M
Double-Good Brand Scratch Grains.....	<i>10.50</i>	<i>3.00</i>	<i>3.00</i>	<i>70.00</i>	.....	.....	547B
Analysis ^{d a}	11.05	3.10	2.48	68.04	13.45	1.88	200M
Henley, O. F.,							
Dallas, Texas.							
Henley's Fattening Mash with Charcoal.....	<i>17.00</i>	<i>3.60</i>	<i>8.00</i>	<i>53.50</i>	.....	.....	1834B
Analysis.....	17.90	4.64	7.62	55.25	10.22	4.37	67R
Henry Feed Store,							
Houston, Texas.							
Henry's Mix Dairy Feed.....	<i>21.00</i>	<i>3.60</i>	<i>15.50</i>	<i>40.00</i>	.....	.....	2581A
Analysis ^{d a}	23.60	4.69	14.98	41.01	9.00	6.72	30M
Analysis.....	20.85	4.50	14.54	41.24	9.49	9.38	451M
High Grade Packing Company Abattoir,							
Galveston, Texas.							
Oleander Brand 50% Protein Meat and Bone Scraps.....	<i>50.00</i>	<i>6.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	399B
Analysis ^c	49.30	8.51	1.19	1.12	6.18	33.70	21M
Analysis ^{b c}	48.67	7.66	1.77	.00	7.27	34.63	213M
Analysis.....	51.70	7.73	1.46	.11	5.86	33.14	313M
Analysis ^c	49.30	8.80	1.32	1.90	6.86	31.82	333M
Analysis ^c	49.16	8.19	1.31	.07	6.83	34.44	347M
Analysis.....	50.10	8.52	1.47	.19	5.19	34.53	409M
Hill County Cotton Oil Company,							
Hillsboro, Texas.							
43% Protein Pea-Size Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	292A
Analysis.....	42.61	6.69	11.07	27.36	6.79	5.48	174W
Analysis.....	44.48	6.79	8.57	25.79	8.99	5.38	222W
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	292J
Analysis.....	41.94	6.76	11.38	27.50	7.06	5.36	62W
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	292K
Analysis.....	43.36	6.75	10.32	26.84	7.04	5.69	30T
Analysis.....	43.35	6.88	10.64	26.66	7.02	5.45	55W
Analysis.....	43.71	7.30	10.59	26.62	6.31	5.47	135W
Analysis.....	42.44	7.18	10.92	25.94	7.89	5.63	213W
Hillsboro Mixed Feed.....	<i>11.00</i>	<i>1.50</i>	<i>42.50</i>	<i>28.50</i>	.....	.....	292L
Analysis.....	9.75	1.76	38.61	39.72	7.20	2.96	136W
Hill & Webb Grain Company,							
McKinney, Texas.							
H & W Laying Mash.....	<i>20.00</i>	<i>3.50</i>	<i>7.50</i>	<i>45.00</i>	.....	.....	47B
Analysis.....	19.42	4.78	7.15	49.16	10.35	9.14	162T
Home Mix Feed Company, Inc.,							
Austin, Texas.							
Our-Own Brand Laying Mash.....	<i>19.00</i>	<i>3.50</i>	<i>6.00</i>	<i>46.50</i>	.....	.....	2652A
Analysis.....	21.63	6.63	5.44	45.56	10.62	10.12	205H
Analysis.....	21.04	5.71	4.49	48.97	7.57	12.22	394H
Home Mix Brand Special Egg Mash.....	<i>19.00</i>	<i>3.80</i>	<i>7.50</i>	<i>46.50</i>	.....	.....	2652C
Analysis.....	21.17	6.11	6.12	46.91	9.97	9.72	332H
50% Protein Meat and Bone Scraps.....	<i>50.00</i>	<i>6.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	2652E
Analysis.....	52.72	14.19	2.79	.52	5.83	23.95	65H
Analysis.....	54.19	12.79	1.74	.73	6.39	24.16	446H

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁶²Ground peanut hulls, rolled whole oats and ear corn chop with husk found, not claimed.

¹⁶³Rolled whole oats found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Home Mix Feed Company, Inc., Austin, Texas—Continued.							
Contest Brand All-Mash Chick Starter with Minerals.....	<i>16.00</i>	<i>3.60</i>	<i>5.50</i>	<i>55.00</i>	.....	.....	2652L
Analysis.....	18.51	6.01	4.48	<i>54.12</i>	10.22	6.66	264H
Analysis.....	18.33	4.71	3.76	57.91	9.60	5.69	393H
H-M Growing Mash with Minerals.....	<i>17.00</i>	<i>3.80</i>	<i>6.00</i>	<i>51.00</i>	.....	.....	2652Q
Analysis.....	18.92	4.89	4.79	52.40	10.81	8.19	351H
Our-Own Brand Dairy Feed.....	<i>21.00</i>	<i>4.00</i>	<i>14.00</i>	<i>40.00</i>	.....	.....	2652R
Analysis.....	22.32	4.58	11.67	43.18	10.68	7.57	204H
Analysis.....	20.27	4.41	13.75	45.90	8.77	6.90	444H
Honaker Grain & Hatchery Company, Farmersville, Texas.							
Best Maid Brand Chick Starter with Charcoal.....	<i>16.50</i>	<i>4.00</i>	<i>6.00</i>	<i>52.00</i>	.....	.....	84F
Analysis.....	19.65	5.01	5.98	52.69	10.11	6.56	224T
Best Maid Brand Laying Mash with Charcoal.....	<i>19.00</i>	<i>4.00</i>	<i>7.00</i>	<i>48.00</i>	.....	.....	84N
Analysis.....	21.11	4.62	6.44	49.31	10.11	8.41	420T
Honey Grove Cotton Oil Company, The, Honey Grove, Texas.							
Cottonseed Hulls and Cottonseed Meal	<i>16.20</i>	<i>2.30</i>	<i>37.00</i>	<i>28.00</i>	.....	.....	499D
Analysis.....	15.48	2.50	30.64	40.36	7.43	3.59	399F
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	499E
Analysis.....	43.15	6.33	11.42	27.02	6.31	5.77	21F
Analysis.....	42.62	5.98	11.98	25.69	8.20	5.53	302F
Analysis.....	42.67	6.59	10.81	27.09	7.35	5.49	398F
Analysis.....	43.81	6.66	11.72	24.57	7.58	5.66	441F
Analysis.....	42.70	5.42	11.98	27.40	6.97	5.53	83T
Horton, Hal C., Greenville, Texas.							
Red Diamond Hen Hash.....	<i>10.00</i>	<i>3.00</i>	<i>3.50</i>	<i>68.00</i>	.....	.....	1202D
Analysis.....	11.20	2.96	2.32	70.94	10.71	1.87	13F
Red Diamond Egg Mash with Charcoal.....	<i>18.50</i>	<i>4.00</i>	<i>6.00</i>	<i>52.00</i>	.....	.....	1202I
Analysis.....	20.35	4.99	5.07	<i>50.33</i>	10.63	8.63	190F
Analysis.....	19.55	4.44	4.14	52.95	10.03	8.89	244F
Red Diamond 5 Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	.....	.....	1202J
Analysis.....	21.60	5.54	7.33	45.73	9.34	10.46	14F
Analysis.....	21.40	5.65	6.40	45.33	10.23	10.99	243F
Analysis.....	22.48	5.34	7.60	45.10	8.66	10.82	444F
Analysis.....	22.35	4.65	6.81	46.96	8.32	10.91	445F
Screenings and Molasses.....	<i>8.00</i>	<i>2.00</i>	<i>7.50</i>	<i>56.00</i>	.....	.....	1202Z
Analysis ¹⁶⁴	8.52	2.09	21.15	<i>45.68</i>	14.79	7.77	349F
Bunko Brand Mixed Feed.....	<i>10.00</i>	<i>1.80</i>	<i>25.00</i>	<i>45.00</i>	.....	.....	1202A7
Analysis.....	11.90	2.32	19.40	<i>42.92</i>	12.03	11.43	139F
Housewright Grain Company, Wylie, Texas.							
Quality Brand Egg Mash with Charcoal.....	<i>19.00</i>	<i>3.60</i>	<i>4.50</i>	<i>48.50</i>	.....	.....	1636A
Analysis.....	20.88	5.08	4.31	51.29	9.57	8.87	95T
Houston Cotton Oil Mill, Houston, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	720B
Analysis.....	42.80	6.55	11.58	26.37	6.99	5.71	61M
Analysis.....	43.28	7.28	11.88	25.38	6.51	5.67	150M
Analysis.....	42.75	7.37	11.71	25.97	6.65	5.55	192M
Analysis.....	42.37	6.46	10.20	27.14	7.95	5.88	381M
Analysis.....	41.56	6.86	11.42	27.00	7.61	5.55	390M
Analysis.....	41.65	6.23	11.31	26.84	8.85	5.12	420M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁶⁴Cottonseed meal and ground peanut hulls found, not claimed. Registration canceled.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Houston Grain Company, Houston, Texas.							
Sur-Cream Brand 20% Protein Dairy Feed.....	20.00	3.50	14.00	41.00	.....	.....	1153B
Analysis.....	17.90	3.34	12.55	45.16	12.48	8.57	375M
Chickmicks.....	10.00	2.60	3.50	69.00	.....	.....	1153D
Analysis ¹⁶⁵	11.00	3.33	1.85	71.24	11.09	1.49	377M
Jumbo Mixed Feed.....	13.00	2.00	33.50	32.50	.....	.....	1153K
Analysis.....	14.99	2.71	30.66	34.76	11.05	5.83	188M
Excello Brand Mixed Stock Feed.....	9.00	2.50	9.50	58.00	.....	.....	1153O
Analysis.....	11.43	3.31	15.01	54.37	8.27	7.61	18M
U. S. Brand Dairy Feed.....	16.00	3.50	14.70	50.00	.....	.....	1153T
Analysis.....	19.18	4.74	11.79	49.43	8.55	6.31	19M
Big "G" Brand Dry Mixed Stock Feed.....	12.50	2.50	16.00	48.00	.....	.....	1153X
Analysis.....	12.60	3.05	11.61	54.07	11.77	6.90	376M
Houston Milling Company, Houston, Texas.							
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	1462E
Analysis.....	11.20	10.04	3.73	61.69	10.28	3.06	22M
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	1462G
Analysis.....	17.54	4.30	9.50	52.83	9.61	6.22	58M
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	1462H
Analysis.....	19.80	4.37	5.45	53.32	12.57	4.49	364F
Analysis ¹⁶⁶	17.52	4.67	6.41	54.41	12.67	4.32	131H
Analysis.....	20.19	4.24	5.57	55.47	10.17	4.36	406H
Analysis ^{166 b c}	19.11	4.91	6.44	53.79	11.26	4.49	223M
Analysis ^{166 b c}	18.53	4.86	6.59	53.20	12.30	4.52	273M
Analysis ¹⁶⁶	18.52	4.73	6.29	53.62	12.02	4.82	312W
Analysis.....	19.23	4.36	5.67	55.15	11.02	4.57	457W
Corn Feed Meal.....	8.00	3.00	3.00	67.00	.....	.....	1462J
Analysis.....	11.72	5.57	4.31	64.74	10.49	3.17	411M
Homco Brand 16% Protein Dairy Feed.....	16.00	3.00	16.00	41.50	.....	.....	1462N
Analysis.....	16.72	2.93	12.21	47.15	12.96	8.03	297M
American Maid Red Arrow 24% Protein Dairy Feed.....	24.00	3.60	14.50	36.00	.....	.....	1462A8
Analysis.....	23.30	3.37	15.14	40.14	11.15	6.90	153M
Arrow Heavy-Duty Horse and Mule Feed.....	10.50	3.90	11.00	59.00	.....	.....	1462C8
Analysis.....	13.81	3.70	10.35	57.48	10.59	4.07	288M
American Maid Red Arrow Egg Mash Pellets.....	18.00	4.00	8.00	45.00	.....	.....	1462E8
Analysis.....	21.00	4.89	6.58	46.59	10.27	10.67	274M
American Maid Arrow 16% Protein Dairy Feed.....	16.00	3.50	15.00	41.00	.....	.....	1462F8
Analysis.....	17.10	2.78	15.06	42.41	12.17	10.48	429M
Peanut Hulls, Rice Hulls, Molasses, Screenings, Oyster Shell, and Salt.....	5.50	1.00	38.00	40.00	.....	.....	1462H1
Analysis.....	8.23	2.45	24.75	40.02	13.68	10.87	355M
Houston Packing Company, Houston, Texas.							
40% Protein Feeding Tankage with Bone.....	40.00	5.00	7.00	0.00	.....	.....	1765B
Analysis.....	38.90	9.59	3.62	3.20	4.35	40.34	47H
Analysis.....	40.72	11.81	2.27	2.68	5.39	37.13	386W
Houston's 50% Protein Meat and Bone Scraps.....	50.00	5.00	4.50	0.00	.....	.....	1765F
Analysis.....	53.60	9.78	1.49	2.04	7.64	25.45	369M
Analysis.....	50.99	13.04	1.52	2.63	7.84	23.98	232W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁶⁵Sunflower seed found, not claimed. Deficient in barley and kafir.

¹⁶⁶Wheat brown shorts.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Hou-Tex Grain Company, Houston, Texas.							
Hou-Tex Dry Mix.....	<i>15.00</i>	<i>4.00</i>	<i>15.00</i>	<i>45.00</i>	.....	.....	1989B
Analysis.....	18.35	6.47	14.31	42.70	8.81	9.36	77M
Analysis.....	18.65	7.29	14.79	42.08	8.70	8.49	445M
Hou-Tex Growing Mash.....	<i>15.00</i>	<i>3.50</i>	<i>6.00</i>	<i>51.00</i>	.....	.....	1989D
Analysis.....	18.74	4.38	4.92	54.59	10.63	6.74	351M
Hou-Tex Starting Mash.....	<i>17.50</i>	<i>3.50</i>	<i>7.00</i>	<i>48.50</i>	.....	.....	1989E
Analysis.....	19.99	4.99	4.64	53.01	10.09	7.28	350M
Cream-of-the-Crop Brand 19% Protein Dairy Ration.....	<i>19.00</i>	<i>4.50</i>	<i>18.00</i>	<i>37.00</i>	.....	.....	1989G
Analysis.....	20.32	6.50	13.63	39.46	9.83	10.26	136M
Analysis.....	18.77	5.88	14.73	39.44	10.35	10.83	446M
Hou-Tex "Big Valu" Brand Laying Mash with Charcoal.....	<i>18.00</i>	<i>3.50</i>	<i>6.50</i>	<i>47.00</i>	.....	.....	1989H
Analysis.....	20.88	5.05	5.97	47.44	8.87	11.79	137M
Hou-Tex Horse and Mule Feed.....	<i>10.00</i>	<i>2.60</i>	<i>14.00</i>	<i>54.00</i>	.....	.....	1989I
Analysis.....	11.14	3.04	12.91	57.40	9.74	5.77	419M
Big Valu Brand Scratch Feed.....	<i>10.00</i>	<i>3.00</i>	<i>3.00</i>	<i>70.00</i>	.....	.....	1989K
Analysis.....	11.40	2.81	2.16	71.06	10.74	1.83	447M
Hou-Tex Dry and Freshening Feed.....	<i>11.00</i>	<i>2.40</i>	<i>16.00</i>	<i>47.00</i>	.....	.....	1989M
Analysis ^{d a}	13.18	3.22	13.27	51.51	10.21	8.61	352M
Hughes, Jack, Ysleta, Texas.							
Jack Hughes' Brand Laying Mash with Charcoal.....	<i>18.50</i>	<i>3.70</i>	<i>8.00</i>	<i>49.00</i>	.....	.....	1409A
Analysis.....	18.18	5.10	6.50	52.46	7.49	10.27	12S
Analysis.....	20.07	6.12	6.47	51.59	6.83	8.92	447S
Jack Hughes' Dairy Feed.....	<i>15.50</i>	<i>3.00</i>	<i>8.00</i>	<i>53.00</i>	.....	.....	1409B
Analysis ¹⁶⁷	17.90	5.45	8.49	51.29	9.76	7.11	292S
Hughston Grain Company, Plano, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	283G
Analysis ¹⁶⁸	8.25	3.08	10.25	64.75	11.89	1.78	158T
Hugo Milling Company, Hugo, Oklahoma.							
Carnation Brand Dairy Feed.....	<i>18.00</i>	<i>4.50</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	1937A
Analysis ^{169f}	19.73	4.86	8.19	52.83	8.21	6.18	71K
Hunt Grain Company, The J. C., Wichita Falls, Texas.							
Ground Head Stems of Kafir, Milo, and Hegari with Molasses.....	<i>4.30</i>	<i>0.80</i>	<i>20.50</i>	<i>55.00</i>	.....	.....	975N
Analysis ¹⁷⁰	5.20	.89	20.06	52.79	12.97	8.09	350F
Mill-Co Brand Sweet Feed.....	<i>9.00</i>	<i>1.20</i>	<i>17.00</i>	<i>55.00</i>	.....	.....	975T
Analysis.....	11.93	1.01	10.76	53.85	13.21	9.24	204T
Hunter Milling Company, The, Wellington, Kansas.							
Kansas Wheat Gray Shorts.....	<i>16.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	543D
Analysis.....	17.99	4.15	4.97	57.37	11.28	4.24	48M
Analysis.....	18.34	4.05	5.54	60.02	7.90	4.15	43W
Iley and Sons Hatchery, Gonzales, Texas.							
Iley's Best Starter Mash with Buttermilk and Cod Liver Oil.....	<i>17.00</i>	<i>3.40</i>	<i>6.50</i>	<i>52.00</i>	.....	.....	56A
Analysis.....	19.24	4.67	5.19	53.13	10.88	6.89	351H
Iley's Big Five Brand Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	.....	.....	56B
Analysis.....	22.35	5.28	6.03	45.92	8.71	11.71	469H

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁶⁷Excess ground limestone and salt found.¹⁶⁸Obsolete tags attached.¹⁶⁹Ground oyster shell found, not claimed. Tags incorrectly printed.¹⁷⁰Information on bags and tags at variance. Bags turned inside out and sale resumed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
International Milling Company, Greenville, Texas.							
Blackhawk Wheat Gray Shorts and Screenings.....	<i>16.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	101B
Analysis ^{171 c}	18.31	4.32	6.38	55.27	11.24	4.48	15F
Analysis.....	18.38	4.28	5.67	56.64	10.76	4.27	113F
Analysis.....	18.27	3.88	5.86	55.99	11.53	4.47	128F
Analysis.....	17.58	3.65	5.39	58.42	10.91	4.05	6H
Analysis.....	19.13	5.08	5.45	56.10	10.22	4.02	15K
Analysis.....	18.25	4.05	5.77	56.75	11.05	4.13	8M
Analysis ^{171 c}	17.30	4.02	6.36	57.73	10.29	4.30	91T
Analysis.....	16.58	3.79	6.61	59.69	9.99	3.94	C
Analysis ^{171 c}	17.88	4.01	6.20	56.89	10.71	4.31	D
Analysis ^{171 b c e}	17.86	4.33	6.83	56.56	10.17	4.25	E
Blackhawk Wheat Gray Shorts and Screenings.....							
Analysis.....	17.00	3.50	<i>6.00</i>	<i>55.00</i>	.....	.....	101B
Analysis.....	18.64	3.50	6.12	55.93	11.20	4.61	189F
Analysis ^{171 b c e}	18.60	4.19	6.92	54.87	10.39	5.03	248F
Analysis.....	18.50	4.55	6.06	55.33	11.35	4.21	280F
Analysis ^{171 c}	18.60	4.59	6.40	54.15	11.54	4.72	326F
Analysis ^{171 c}	18.24	3.81	7.16	55.23	9.97	5.59	414F
Analysis ^{171 c}	17.49	3.98	6.25	56.37	10.89	5.02	447F
Analysis.....	17.60	4.14	5.92	55.67	11.83	4.84	210H
Analysis ^{171 b c e}	18.56	4.16	6.71	54.45	10.90	5.22	236M
Analysis ^{171 b c e}	18.73	3.84	6.84	55.68	9.94	4.97	392M
Analysis ^{171 b c e}	17.90	4.63	6.57	55.55	10.81	4.54	405M
Analysis ^{171 b c e}	18.00	3.99	6.88	54.37	11.52	5.24	310S
Analysis.....	18.27	4.37	5.82	55.98	9.99	5.57	448S
Analysis.....	17.30	4.24	5.73	57.01	11.38	4.34	254T
Analysis.....	18.63	3.97	5.88	54.81	11.85	4.86	298T
Analysis.....	18.37	4.13	6.09	55.26	11.38	4.77	184W
Analysis ^{171 c}	17.40	4.34	6.27	55.99	10.98	5.02	297W
Analysis ^e	18.65	3.75	5.89	56.26	11.02	4.43	426W
Blackhawk Wheat Gray Shorts and Screenings.....							
Analysis ^{173 c}	16.00	3.50	<i>6.00</i>	<i>55.00</i>	.....	.....	101B
Analysis ^{173 c}	16.60	4.15	7.05	55.36	10.19	6.65	435M
Analysis.....	17.79	4.36	6.40	56.97	9.06	5.42	456M
Analysis.....	18.18	4.15	5.91	55.69	11.26	4.81	472M
Analysis.....	18.04	3.90	5.91	56.53	10.83	4.79	532W
Blackhawk Wheat Gray Shorts, Wheat Flour, Screenings and Lampblack..							
Analysis.....	16.00	3.50	<i>6.00</i>	<i>55.00</i>	.....	.....	101G
Analysis.....	17.72	3.40	4.80	61.57	8.99	3.52	101G
Red Top Laying Mash with Charcoal.							
Analysis.....	18.40	3.50	<i>6.20</i>	<i>49.00</i>	.....	.....	101Q
Analysis.....	18.50	4.25	3.42	56.28	9.96	7.59	74F
Interstate By-Products & Supply Company, Fort Worth, Texas.							
Interstate 50% Protein Meat and Bone Scraps.....							
Analysis ^{174 f c}	50.00	6.00	3.00	0.00	.....	.....	768A
Analysis.....	47.05	9.34	3.78	7.08	5.56	27.19	1F
Analysis.....	48.77	6.92	3.06	7.13	5.97	28.15	380K
Analysis.....	51.05	8.53	3.03	4.85	5.58	26.96	215S
Analysis ^e	49.15	9.83	3.39	6.69	5.29	25.65	41T
Analysis.....	51.65	8.17	3.43	5.25	5.56	25.94	195T
Interstate 60% Protein Digester Tankage.....							
Analysis ^c	60.00	6.00	3.00	0.00	.....	.....	768C
Analysis.....	57.16	6.10	3.24	5.96	6.72	20.82	361K
Itasca Feed Mill, Itasca, Texas.							
Mixed Feed.....	16.00	3.80	11.00	54.50	.....	.....	2436A
Analysis.....	15.33	4.60	11.88	55.72	8.98	3.49	54W

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

171Wheat brown shorts and screenings.

172Obsolete tags attached.

173Wheat brown shorts and screenings. Obsolete tags attached.

174Some cottonseed meal found. Replaced with 50% protein meat and bone scraps.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Jackson Bros., Lubbock, Texas.							
Jackson's West Texas Mixed Feed...	<i>13.00</i>	<i>2.00</i>	<i>30.50</i>	<i>38.00</i>	.....	.....	1364C
Analysis.....	15.15	2.19	24.66	46.72	5.27	6.01	14K
Jackson's 18% Protein Milk-Maker Feed.....	<i>18.00</i>	<i>3.20</i>	<i>16.00</i>	<i>45.50</i>	.....	.....	1364E
Analysis.....	19.55	3.41	12.73	47.91	9.72	6.68	108K
Jackson Company, F. G., Harlingen, Texas.							
Jackson's 5 Laying Mash with Charcoal.....	<i>20.00</i>	<i>3.50</i>	<i>7.50</i>	<i>45.00</i>	.....	.....	2206M
Analysis.....	21.10	5.61	6.24	46.24	9.87	10.94	236H
Jackson County Cotton Oil Company, Ganado, Texas.							
Jaco 28% Protein Whole-Pressed Cottonseed.....	<i>28.00</i>	<i>6.00</i>	<i>23.00</i>	<i>29.00</i>	.....	.....	2330D
Analysis.....	30.99	5.84	24.46	29.31	4.75	4.65	143M
Jaco Cattle Fattener.....	<i>24.00</i>	<i>4.60</i>	<i>20.00</i>	<i>35.00</i>	.....	.....	2330E
Analysis ^e	27.64	5.82	22.39	34.41	5.34	4.40	144M
Jaco All-Purpose Sweet Feed.....	<i>25.00</i>	<i>4.60</i>	<i>20.00</i>	<i>35.00</i>	.....	.....	2330F
Analysis.....	26.18	5.24	19.94	33.58	8.19	6.87	367M
Jaco Superior Brand Dairy Ration.....	<i>15.50</i>	<i>3.00</i>	<i>28.00</i>	<i>35.00</i>	.....	.....	2330F
Analysis.....	16.80	2.42	28.12	35.63	11.17	5.86	187H
Analysis ^e	17.87	3.81	32.61	33.40	7.79	4.52	142M
Jaco Superior Brand Dairy Ration.....	<i>16.00</i>	<i>3.00</i>	<i>28.00</i>	<i>35.00</i>	.....	.....	2330F
Analysis.....	13.65	2.34	30.60	36.25	11.86	5.30	368M
Jayton Cotton Oil Mill, Jayton, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2255A
Analysis.....	42.64	7.93	11.21	25.83	6.87	5.52	106K
Analysis.....	43.98	7.81	9.65	26.08	6.85	5.63	190K
Analysis ^e	41.95	7.59	9.42	26.82	8.34	5.88	289K
Analysis.....	44.10	8.32	9.09	25.89	6.64	5.96	347K
Analysis.....	43.86	7.36	10.05	26.32	6.72	5.69	488K
Analysis.....	42.81	7.50	11.03	27.33	6.04	5.29	110S
Analysis.....	43.05	8.02	10.75	25.07	7.64	5.47	H
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2255B
Analysis.....	43.28	7.32	10.64	26.05	7.58	5.13	189K
Analysis ^e	42.37	6.90	9.48	28.23	7.26	5.76	191K
Analysis.....	43.96	6.69	10.53	25.68	7.45	5.69	98S
Chuck Wagon Brand 43% Protein Cottonseed Pellets.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2255C
Analysis ^e	41.75	6.37	8.66	24.50	13.00	5.72	225K
Analysis ^e	40.75	6.52	9.32	26.65	10.98	5.78	288K
Analysis.....	43.91	7.13	9.05	25.57	8.62	5.72	348K
Jefferson Packing Company, Beaumont, Texas.							
50% Protein Meat and Bone Scraps..	<i>50.00</i>	<i>6.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	2557A
Analysis.....	50.81	11.95	2.27	.04	9.68	25.25	291M
Jenkins, J. G., Bluff Dale, Texas.							
Silver Lining Brand Egg Mash.....	<i>18.00</i>	<i>3.60</i>	<i>6.20</i>	<i>44.50</i>	.....	.....	1221B
Analysis.....	18.61	4.84	8.40	49.50	9.29	9.36	302T
Silver Lining Brand Growing Mash..	<i>15.50</i>	<i>3.80</i>	<i>7.00</i>	<i>53.00</i>	.....	.....	1221C
Analysis.....	15.35	4.47	5.60	58.22	10.68	5.68	301T
Jones, Gus, Jacksboro, Texas.							
Fusco Dairy Feed.....	<i>15.50</i>	<i>3.50</i>	<i>9.80</i>	<i>53.00</i>	.....	.....	2364C
Analysis.....	15.53	4.70	9.44	55.26	9.82	5.25	462T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Jones Feed Store, Waco, Texas.							
Jones' Dairy Feed.....	16.50	3.50	12.00	50.00	.....	.....	462A
Analysis ¹⁷⁵	16.50	3.68	11.47	49.10	11.25	8.00	225W
Jones Grain Company, R. L., San Angelo, Texas.							
Jones' Special Dairy Feed.....	18.00	4.00	12.00	42.50	.....	.....	1064A
Analysis.....	20.41	5.17	11.30	47.41	7.79	7.92	40S
Jones-Myers Feed Company, Inc., Beaumont, Texas.							
Bojak 18% Protein Dairy Feed.....	18.00	4.00	12.00	45.00	.....	.....	1355B
Analysis ^{d a}	20.34	5.21	10.15	47.11	10.73	6.46	358M
Josey-Miller Company, Inc., Beaumont, Texas.							
Corn Chop.....	9.00	3.50	3.00	70.00	.....	.....	407A
Analysis ¹⁷⁶	9.50	2.23	1.50	71.30	14.43	1.04	323M
Mo-Cream Brand Steam Dried Mixed Feed with Molasses.....	16.00	4.70	14.50	43.00	.....	.....	407F
Analysis ¹⁷⁷	15.75	5.64	12.81	45.56	11.05	9.19	290F
Analysis.....	17.50	5.70	11.42	47.45	9.55	8.38	39M
Rice Hulls, Peanut Hulls, Molasses, Rice Bran, Oat Hulls, Corn Chop, Limestone, and Salt.....	5.00	1.80	29.00	39.00	.....	.....	407I
Analysis.....	5.00	1.52	21.90	43.92	14.03	13.63	217F
Analysis ^{178 h}	5.73	2.21	21.82	45.07	10.02	15.15	446F
Analysis.....	5.30	1.86	22.62	43.64	12.78	13.80	396H
Analysis ¹⁷⁹	5.70	1.55	22.79	44.53	11.73	13.70	155M
Analysis.....	6.00	1.59	20.84	45.16	12.06	14.35	427M
Analysis.....	6.00	2.05	22.98	43.25	10.96	14.76	454M
Cottonseed Meal and Corn Gluten Meal.....	42.00	4.50	10.00	27.50	.....	.....	407L
Analysis.....	43.82	7.79	9.92	25.39	6.35	6.73	119M
Hi-Flo Brand Dairy Feed.....	24.00	4.50	10.50	41.00	.....	.....	407M
Analysis ¹⁸⁰	21.90	6.39	11.19	39.13	9.49	11.90	157M
Analysis.....	24.15	6.22	11.76	38.46	9.77	9.64	356M
Jo-Mil Poultry Flock Ration.....	15.00	3.50	7.00	50.00	.....	.....	407N
Analysis.....	19.21	5.80	6.75	48.22	9.48	10.54	151M
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	407Y
Analysis.....	40.05	7.21	12.53	26.95	8.19	5.07	36M
Analysis.....	44.43	6.57	10.06	24.60	8.05	6.29	120M
Analysis ^{a c}	40.84	6.76	12.69	24.71	9.22	5.79	363M
Big Jo Dairy Feed.....	18.00	3.50	14.50	44.00	.....	.....	407Y
Analysis.....	19.50	7.32	11.67	42.72	9.93	8.86	125F
Analysis.....	18.75	7.58	12.76	40.98	9.64	10.29	340F
Analysis.....	20.79	7.48	11.58	40.85	9.63	9.67	423M
Analysis.....	19.22	6.66	11.06	44.61	9.43	9.02	453M
Jo-Mil 5 Point Laying Mash.....	20.00	3.50	7.40	44.50	.....	.....	407A5
Analysis.....	18.75	6.86	6.21	45.30	9.54	13.34	348F
Analysis ¹⁸⁰	20.12	7.67	7.04	43.90	9.03	12.24	145H
Analysis ¹⁸⁰	21.00	7.05	6.20	42.88	10.94	11.93	156M
Kow-Kud Dairy Feed.....	25.00	4.50	12.50	40.00	.....	.....	407A7
Analysis.....	25.63	5.03	11.43	42.36	6.67	8.88	428M
Jo-Mil Horse and Mule Feed.....	9.00	3.00	9.00	60.00	.....	.....	407B1
Analysis ¹⁸¹	11.35	2.51	7.92	57.69	13.07	7.46	232M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁷⁵Excess salt found and deficient in ground limestone.

¹⁷⁶Sample moldy.

¹⁷⁷Wheat bran found, not claimed.

¹⁷⁸Short in weight. Each sack even-weighted and sale resumed.

¹⁷⁹Deficient in ground limestone.

¹⁸⁰Excess ground limestone found.

¹⁸¹Cottonseed meal, wheat bran, ground rice hulls and milo found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Josey-Miller Company, Inc., Beaumont, Texas—Continued.							
Rolled Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	407B2
Analysis ^{182 b}	12.65	4.44	9.09	57.34	12.11	4.37	293H
Rice Bran.....	<i>11.00</i>	<i>10.00</i>	<i>15.00</i>	<i>42.00</i>	.....	.....	407B7
Analysis.....	12.63	13.12	12.45	42.63	8.17	11.00	216F
Rice Polish.....	<i>11.00</i>	<i>6.00</i>	<i>4.00</i>	<i>55.00</i>	.....	.....	407B8
Analysis.....	13.39	17.38	4.12	48.02	8.77	8.32	46M
Wheat Gray Shorts and Screenings.....	<i>15.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	407E2
Analysis ^{183 c}	17.63	4.59	6.25	56.62	10.07	4.84	87H
B. P. S. Mixed Feed.....	<i>12.00</i>	<i>7.00</i>	<i>10.50</i>	<i>47.00</i>	.....	.....	407F2
Analysis.....	13.65	11.31	8.77	48.62	8.77	8.88	62F
Analysis.....	13.84	11.49	8.11	43.01	7.76	15.79	429F
Analysis ¹⁸⁴	13.90	11.57	8.27	43.91	7.53	14.82	463F
Analysis.....	13.44	11.50	7.38	46.72	8.07	12.89	82M
Analysis.....	14.06	11.74	9.14	41.35	7.98	15.73	431M
Cottonseed Meal and Yellow Corn Feed Meal.....	<i>41.00</i>	<i>5.60</i>	<i>11.80</i>	<i>25.00</i>	.....	.....	407F3
Analysis.....	41.60	6.13	11.19	25.53	7.25	8.30	282M
Perfexun Brand All-Mash.....	<i>15.00</i>	<i>3.50</i>	<i>8.00</i>	<i>49.00</i>	.....	.....	407F5
Analysis.....	17.86	7.04	6.88	45.75	10.75	11.72	320M
Fatner Brand Steam Dried Mixed Feed with Molasses.....	<i>9.00</i>	<i>3.50</i>	<i>11.00</i>	<i>53.00</i>	.....	.....	407F6
Analysis.....	9.83	4.27	9.85	56.46	10.26	9.33	439M
Jo-Mil 18% Protein Dairy Feed.....	<i>18.00</i>	<i>4.50</i>	<i>12.70</i>	<i>40.00</i>	.....	.....	407F9
Analysis.....	20.79	5.36	10.73	44.96	9.49	8.67	457M
Analysis.....	19.30	6.52	11.10	46.84	7.67	8.57	A
Judd Grain Company, Vernon, Texas.							
Vernon Dairy Feed.....	<i>20.00</i>	<i>3.70</i>	<i>10.00</i>	<i>47.00</i>	.....	.....	2079F
Analysis.....	20.15	5.55	9.68	50.26	8.43	5.93	3K
Justin Feed Mill, Justin, Texas.							
Justina Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	.....	.....	58C
Analysis.....	22.23	5.24	6.20	47.07	9.24	10.02	332T
Kalmbach-Burkett Company, Inc., Shreveport, Louisiana.							
Queen Bee Dairy Feed.....	<i>24.00</i>	<i>3.50</i>	<i>12.00</i>	<i>42.00</i>	.....	.....	977P
Analysis ^a	21.45	4.60	16.29	36.57	11.74	9.35	213F
Analysis ^a	21.34	4.38	15.81	37.22	11.84	9.41	294M
Buttercup Dairy Feed.....	<i>16.50</i>	<i>3.40</i>	<i>13.00</i>	<i>45.00</i>	.....	.....	977Q
Analysis ^a	15.75	4.29	16.75	39.09	12.86	11.26	214F
Kansas Milling Company, The, Wichita, Kansas.							
Wheat Mixed Feed and Screenings.....	<i>16.00</i>	<i>3.50</i>	<i>8.50</i>	<i>52.00</i>	.....	.....	2072A
Analysis.....	18.39	4.68	8.16	53.80	9.17	5.80	445W
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	2072B
Analysis.....	15.91	4.16	10.31	52.18	10.58	6.86	303F
Wheat Gray Shorts and Screenings.....	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	2072C
Analysis ^{185 c}	18.65	4.86	6.45	54.71	10.60	4.73	25F
Analysis ^a	18.18	4.14	5.82	56.18	11.32	4.36	24H
Analysis ¹⁸⁵	19.00	4.93	6.32	54.19	10.60	4.96	431K
Analysis.....	18.27	4.46	4.97	57.40	10.40	4.50	460M
Analysis ^{185 c}	20.81	4.67	6.86	50.21	12.32	5.13	292T
Analysis ^a	18.51	4.17	5.45	56.94	10.69	4.24	44W
Hominy Feed.....	<i>10.00</i>	<i>6.00</i>	<i>7.00</i>	<i>60.00</i>	.....	.....	2072E
Analysis ^{d 186}	12.31	8.76	4.65	61.64	9.65	2.99	318H

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

182Crimped whole oats and molasses.

183Wheat brown shorts and screenings.

184Information on bags and tags at variance. "Mixed Shorts" blocked out on sacks and sale resumed.

185Wheat brown shorts and screenings.

186Packed in bags containing 70 lbs. net. Even-weighted to 100 lbs. net and sale resumed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Kavanaugh Feed Mills, Dallas, Texas.							
Ear Corn Chop with Husk.....	8.00	3.00	10.00	65.00			2371A
Analysis.....	8.55	3.29	10.50	64.70	11.46	1.50	40R
O. C.'s Special Dairy Feed.....	18.00	4.00	11.00	44.50			2371D
Analysis.....	19.80	4.56	12.40	46.23	10.06	6.95	84R
Kay and Wood, Stephenville, Texas.							
K & W Laying Mash.....	20.00	3.80	7.00	47.00			2029C
Analysis.....	20.02	4.98	7.61	49.47	7.98	9.94	26T
K & W Cow Feed.....	17.00	3.60	12.50	49.00			2029D
Analysis.....	17.00	4.07	12.13	52.69	8.32	5.79	27T
Kearns Feed Store, Borger, Texas.							
Excellent Brand Dairy Feed.....	16.00	3.00	9.20	51.00			794B
Analysis.....	19.70	4.84	8.81	50.58	8.59	7.48	410K
Kearns Grain & Seed Company, Amarillo, Texas.							
Kearns Big K 18% Protein Dairy Feed	18.00	3.00	12.00	46.00			1036K
Analysis.....	17.05	3.99	8.93	52.47	10.54	7.02	240K
Sho-Fine Brand Cow Feed.....	14.00	2.70	12.00	45.00			1036L
Analysis.....	16.90	3.29	10.04	49.19	10.44	10.14	239K
Kearns Big K Egg Mash.....	20.50	4.00	7.60	45.00			1036M
Analysis.....	21.88	5.07	5.19	48.50	8.55	10.81	409K
Kearns Big K Chick Starter.....	17.50	4.00	6.00	50.50			1036R
Analysis.....	19.93	5.06	5.37	53.06	8.13	8.45	448K
Jumbo Cow Feed.....	9.00	2.00	14.00	52.00			1036S
Analysis ¹⁸⁷	14.40	2.71	8.76	50.60	8.55	14.98	85K
Sho-Fine Brand Egg Mash.....	18.00	3.90	6.00	48.00			1036T
Analysis.....	19.88	4.06	7.67	46.30	8.08	14.01	46K
Keathley, S. F., Colorado, Texas.							
Bluebonnet Dairy Feed.....	20.00	3.50	11.00	44.50			515D
Analysis.....	21.36	4.84	9.55	48.05	9.94	6.26	212S
Keith Feed Store, Borger, Texas.							
Borger Brand Laying Mash.....	18.00	3.50	7.00	47.00			1867C
Analysis.....	20.27	5.32	7.40	50.01	8.93	8.07	411K
Borger Brand 17% Protein Cow Feed..	17.00	3.20	11.00	39.00			1867I
Analysis.....	19.60	3.38	9.05	49.99	10.18	7.80	166K
Borger Brand 18% Protein Dairy Feed	18.00	3.00	10.50	48.00			1867I
Analysis.....	18.32	3.13	9.57	49.14	9.46	10.38	477K
Kelco Company, Los Angeles, California.							
Ground Dried Kelp.....	3.00	0.10	10.00	30.00			1946A
Analysis.....	7.54	.28	6.54	40.22	10.94	34.48	252M
Kelly Milling Company, The Wm., Hutchinson, Kansas.							
Wheat Gray Shorts.....	16.00	3.50	6.00	55.00			526B
Analysis.....	18.53	4.28	4.72	57.64	10.85	3.98	403F
Kemplin, John M., Gainesville, Texas.							
Hi-Lo Dairy Feed.....	18.00	3.70	13.50	47.00			635G
Analysis ¹⁸⁸	17.50	4.85	12.42	50.05	8.12	7.06	206T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁸⁷Ground screenings substituted in part for ground hegari heads, stalks and stems.¹⁸⁸Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Kemplin, John M., Gainesville, Texas—Continued.							
Hi-Lo Laying Mash with Charcoal	20.00	4.00	8.00	44.00			635H
Analysis ¹⁸⁸	18.68	5.18	6.08	52.11	8.46	9.49	71T
Analysis ¹⁸⁸	21.00	5.45	6.63	48.33	9.30	9.29	205T
Big K Dairy Feed	18.50	3.80	12.00	54.00			635J
Analysis ^{d a}	19.38	4.48	11.89	47.86	9.60	6.79	207T
Analysis	19.89	4.32	12.42	47.50	9.94	5.93	346T
Kenedy Cotton Oil Mill, Kenedy, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1002C
Analysis ^c	40.83	5.69	13.11	28.17	7.39	4.81	12H
Analysis ^c	41.21	7.32	12.89	28.02	5.59	4.97	80H
Analysis ^c	42.02	6.36	12.22	28.42	6.21	4.77	146H
Analysis ^c	41.43	6.20	12.60	28.19	6.89	4.69	217H
Analysis ^c	41.64	6.23	12.53	28.38	6.39	4.83	220H
Analysis ^c	41.20	5.46	13.11	27.92	7.46	4.85	254H
Analysis ^c	43.11	6.39	11.94	27.32	6.31	4.93	291H
Analysis ¹⁸⁹	41.97	6.42	12.15	27.41	7.02	5.03	313H
Analysis	44.26	5.99	11.01	26.36	7.07	5.31	359H
Analysis	44.66	6.32	10.99	27.15	6.62	5.16	B
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			1002D
Analysis	44.70	5.72	10.55	27.82	6.14	5.07	123H
Analysis	43.49	5.76	11.30	27.52	7.21	4.72	360H
Kimbell-Diamond Milling Company, Sherman, Texas, and Branches.							
Liberty Dairy Feed	18.00	3.20	13.00	45.50			2328A
Analysis	23.40	4.28	8.62	46.65	9.11	7.94	24F
Analysis	19.39	3.76	8.92	49.33	12.74	5.86	160F
Analysis	20.86	3.88	9.08	51.71	8.54	5.93	439F
Analysis	20.00	3.74	9.23	48.13	12.21	6.69	225H
Analysis	18.40	3.51	12.28	48.82	8.69	8.30	87K
Analysis	16.56	3.08	10.22	49.49	12.53	8.12	193S
Analysis	17.70	3.20	12.05	47.98	11.09	7.98	376S
Analysis	18.78	3.98	11.80	47.44	10.70	7.30	470S
Analysis	18.95	3.90	11.99	46.54	10.18	8.44	136T
Analysis	20.60	3.64	10.67	47.31	10.88	6.90	401T
Wheat Bran and Screenings	16.00	3.50	10.00	53.00			2328B
Analysis	17.75	3.97	9.79	50.74	11.96	5.79	443F
KB Gray Feed	14.30	3.20	7.00	57.00			2328G
Analysis	15.86	4.43	6.70	57.51	11.16	4.34	340T
KB Dairy Feed	22.00	4.00	11.50	43.50			2328Q
Analysis	24.14	5.15	10.74	42.89	9.81	7.27	183K
KB Horse and Mule Feed	10.20	3.20	11.00	58.00			2328R
Analysis	12.80	3.15	10.06	58.11	11.60	4.28	342K
Analysis	12.00	3.29	9.96	56.58	11.91	6.26	312T
Thrifty Brand Sweet Feed	9.00	2.50	19.00	50.00			2328U
Analysis ^e	12.22	2.21	11.39	55.52	8.86	9.80	174K
Thrifty Brand Sweet Feed	9.00	2.20	15.00	53.00			2328U
Analysis	11.68	2.02	10.53	55.69	13.62	6.46	114F
Analysis ¹⁹⁰	11.98	2.20	11.07	54.50	13.61	6.64	187F
Analysis ^{191 h}	12.10	1.78	12.31	55.30	10.24	8.27	427F
Analysis	10.88	1.25	12.60	52.31	14.49	8.47	224H
Analysis	11.29	1.68	13.40	53.65	12.29	7.69	96M
Analysis ¹⁹²	9.40	1.36	13.62	55.03	11.89	8.70	375S
Analysis	11.73	1.09	10.14	56.11	13.71	7.22	342T
Analysis	10.68	.94	13.71	53.58	11.83	9.26	127H
KB Egg Mash with Buttermilk and Cod Liver Oil	20.00	3.70	6.50	47.00			2328X
Analysis	22.53	5.12	5.77	48.83	8.76	8.99	451S

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

188Obsolete tags attached.

189Amount returned blended with high-protein meal.

190Deficient in salt.

191Short in weight. Each sack even-weighted and sale resumed.

192Excess salt found.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Kimbell-Diamond Milling Company, Sherman, Texas, and Branches—Continued.							
KB Growing Mash with Buttermilk..	<i>17.00</i>	<i>3.50</i>	<i>6.00</i>	<i>52.00</i>			2328Y
Analysis ¹⁹³	18.39	4.80	4.62	54.52	10.35	7.32	241F
Analysis ¹⁹⁴	18.85	4.37	4.26	55.11	9.98	7.43	418K
Analysis.....	19.66	4.22	5.64	53.07	8.73	8.68	450S
Analysis.....	17.90	5.11	4.59	56.99	7.87	7.54	501W
KB Chicken Fattener.....	<i>14.00</i>	<i>3.70</i>	<i>6.00</i>	<i>58.00</i>			2328Z
Analysis.....	18.33	4.35	5.20	58.66	9.93	3.53	184K
Liberty Horse and Mule Feed.....	<i>10.00</i>	<i>2.50</i>	<i>14.00</i>	<i>52.00</i>			2328A1
Analysis.....	12.06	3.12	8.44	58.70	13.29	4.39	273F
Analysis.....	13.26	3.43	7.75	56.69	12.76	6.11	282F
Analysis.....	13.35	3.03	8.37	56.89	10.90	7.46	458F
Analysis.....	13.36	3.39	8.55	55.83	11.44	7.43	339T
KB 30% Protein Supplement for Pigs and Hogs.....	<i>30.00</i>	<i>3.50</i>	<i>7.00</i>	<i>34.00</i>			2328A4
Analysis.....	30.05	4.62	6.66	39.41	7.51	11.75	38T
Analysis.....	31.05	4.46	7.73	36.71	9.40	10.65	440W
Thrifty Brand Cattle Cubes.....	<i>16.00</i>	<i>3.00</i>	<i>7.00</i>	<i>54.50</i>			2328A9
Analysis ¹⁹³	18.02	2.90	6.12	56.38	8.75	7.83	243K
Wheat Gray Shorts and Screenings.....	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>			2328B1
Analysis ^{195 e}	20.79	5.01	6.53	51.80	10.89	4.98	185F
Analysis ^{195 e}	21.67	4.65	6.49	50.75	11.81	4.63	188F
Analysis ^{195 e}	19.89	4.67	6.23	51.98	12.26	4.97	196F
Analysis.....	19.13	5.09	5.98	54.92	10.39	4.49	200F
Analysis ^{195 b e}	20.19	4.62	6.30	52.12	12.33	4.44	268F
Analysis ^{195 b e}	20.48	4.71	6.86	50.32	12.55	5.08	335F
Analysis ^{195 e}	21.58	4.57	6.66	51.61	10.72	4.86	393F
Analysis.....	19.49	4.87	5.55	54.99	10.75	4.35	410F
Analysis.....	20.15	4.55	5.95	54.89	10.23	4.23	442F
Analysis.....	19.24	4.79	6.66	53.76	11.17	4.98	97M
Analysis.....	18.73	4.84	5.97	54.22	11.36	4.88	163M
Analysis.....	19.19	4.89	5.79	54.02	11.95	4.16	258T
Analysis ^{195 e}	20.85	4.95	6.61	51.01	12.23	4.35	278T
Analysis.....	19.93	4.47	5.68	53.30	12.28	4.34	350T
Analysis ¹⁹⁵	20.78	4.71	6.24	52.36	11.46	4.45	408T
Analysis.....	18.46	5.25	5.10	55.75	10.66	4.78	414T
Analysis.....	18.81	4.55	6.19	53.24	12.72	4.49	196W
Analysis.....	18.10	5.61	5.74	55.92	10.01	4.62	514W
Kimbell's 24% Protein Dairy Feed.....	<i>24.00</i>	<i>3.70</i>	<i>11.50</i>	<i>41.00</i>			2328B3
Analysis ¹⁹³	25.59	4.59	8.62	45.31	8.00	7.89	37F
Analysis ¹⁹⁷	25.61	4.14	9.27	41.56	11.63	7.79	115F
Analysis ¹⁹³	24.50	3.76	9.63	44.22	10.82	7.07	136F
Analysis.....	24.75	3.97	10.74	42.40	10.85	7.29	269F
Analysis.....	26.15	4.40	10.63	40.55	10.98	7.29	226H
Analysis.....	23.25	3.78	11.03	45.09	9.94	6.91	79K
Analysis ¹⁹⁸	23.87	3.89	10.93	42.06	11.46	7.79	208W
Thrifty Brand Egg Mash.....	<i>19.00</i>	<i>4.00</i>	<i>8.00</i>	<i>48.00</i>			2328B5
Analysis ¹⁹³	19.10	4.59	7.47	53.73	9.11	6.00	138F
Analysis.....	20.85	4.74	10.21	48.76	9.45	5.99	92K
Analysis ^{193 e}	21.80	5.30	7.44	49.86	7.79	7.81	72T
Analysis.....	21.45	5.25	6.39	50.24	8.87	7.80	368F
Analysis.....	21.96	4.70	5.26	51.80	9.11	7.17	424F
Analysis.....	21.94	5.05	6.47	50.11	8.00	8.43	425S
Analysis.....	21.75	4.53	6.64	49.38	9.51	8.19	388W
Thrifty Brand Sheep Cubes.....	<i>16.00</i>	<i>3.00</i>	<i>7.00</i>	<i>54.50</i>			2328B7
Analysis.....	16.45	3.18	5.64	53.45	14.24	7.04	171S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

¹⁹³Obsolete tags attached.

¹⁹⁴Excess ground oyster shell found.

¹⁹⁵Wheat brown shorts and screenings.

¹⁹⁶Ground screenings found, not claimed.

¹⁹⁷Corn meal substituted for milo head chop. Obsolete tags attached.

¹⁹⁸Corn meal found, not claimed. Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Kimbell-Diamond Milling Company, Sherman, Texas, and Branches—Continued.							
KB All-Mash Starter with Buttermilk and Cod Liver Oil.....	<i>17.00</i>	<i>4.00</i>	<i>5.00</i>	<i>52.00</i>	.....	.....	2328B8
Analysis.....	18.85	5.01	4.74	52.64	10.96	7.80	240F
Analysis.....	19.55	5.11	5.19	52.20	10.21	7.74	232T
Analysis.....	18.65	5.00	4.89	54.32	9.65	7.49	375W
Hominy Feed.....	10.00	6.00	7.00	60.00	.....	.....	2328C1
Analysis.....	8.59	6.99	6.32	66.73	8.35	3.02	82F
KB All-Mash Starter Pellets with Buttermilk and Cod Liver Oil.....	<i>17.00</i>	<i>4.00</i>	<i>5.00</i>	<i>52.00</i>	.....	.....	2328C8
Analysis.....	18.76	4.85	5.00	53.14	9.48	8.77	343K
Kimbell's 5 Egg Mash.....	<i>19.00</i>	<i>3.50</i>	<i>7.50</i>	<i>46.00</i>	.....	.....	2328C9
Analysis.....	21.56	5.65	7.43	47.94	8.37	9.05	38F
Analysis.....	20.62	5.30	8.55	46.53	8.87	10.13	137F
Analysis.....	20.44	5.17	7.98	45.79	9.80	10.82	186F
Analysis.....	19.32	4.69	9.59	48.84	8.79	8.77	35T
Analysis.....	19.30	5.16	9.14	49.62	7.07	9.71	40W
Analysis.....	19.60	4.85	8.34	47.31	9.87	10.03	162W
Analysis.....	20.40	4.82	6.62	49.62	8.95	9.59	261T
Kimbell's 5 Egg Mash Pellets.....	<i>19.00</i>	<i>3.50</i>	<i>7.50</i>	<i>46.00</i>	.....	.....	2328D5
Analysis.....	20.10	4.90	6.93	47.24	11.19	9.64	242F
Analysis.....	20.52	4.79	6.49	48.38	9.52	10.30	395F
Analysis.....	20.79	4.69	7.39	48.45	8.68	10.00	438F
Analysis.....	20.40	4.68	8.48	48.32	7.97	10.15	411S
KB Egg Mash Pellets with Buttermilk and Cod Liver Oil.....	<i>20.00</i>	<i>3.70</i>	<i>6.50</i>	<i>47.00</i>	.....	.....	2328E2
Analysis ¹⁹⁹	21.83	5.08	6.17	49.87	8.87	8.18	394F
KB Feeding Oat Meal.....	<i>15.00</i>	<i>5.00</i>	<i>4.00</i>	<i>60.00</i>	.....	.....	2328F3
Analysis ²⁰⁰	16.61	7.31	6.20	57.15	9.72	3.01	J
Kimco Rolled Oats.....	<i>16.00</i>	<i>6.00</i>	<i>2.00</i>	<i>65.00</i>	.....	.....	2328G1
Analysis.....	17.55	6.62	1.83	60.66	11.21	2.13	276W
Milo Head Stems and Kafir Head Stems with Molasses.....	<i>5.50</i>	<i>1.50</i>	<i>16.00</i>	<i>57.00</i>	.....	.....	2328G2
Analysis ^{201 h}	7.33	.80	14.93	55.49	11.49	9.96	418F
Thrifty Brand Cattle Feed.....	<i>16.00</i>	<i>3.00</i>	<i>7.00</i>	<i>54.50</i>	.....	.....	2328G3
Analysis.....	17.69	3.05	5.87	56.08	9.09	8.22	28K
Kimbell Oil Mill, The, Huntsville, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	143E
Analysis.....	42.01	6.50	11.74	26.47	7.61	5.67	81M
Analysis ^{202 b c}	41.99	6.55	12.48	25.39	7.86	5.73	152M
Kimbell Oil Mill, The, Sherman, Texas.							
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	348B
Analysis.....	47.15	5.96	8.86	25.47	6.81	5.75	23F
Analysis.....	45.24	6.66	9.74	25.35	7.07	5.94	84K
Analysis.....	46.41	6.42	10.51	24.02	7.08	5.56	167K
Analysis.....	45.00	6.29	10.68	25.17	7.54	5.32	170K
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	348C
Analysis.....	45.97	6.39	9.18	26.41	6.34	5.71	22F
Analysis.....	45.60	6.82	10.22	25.19	6.75	5.42	245F
Analysis.....	43.05	7.47	11.58	25.25	7.42	5.23	120S
Analysis.....	44.16	5.95	11.13	25.88	7.54	5.34	79T
Kimco Mixed Feed.....	<i>16.00</i>	<i>2.30</i>	<i>37.50</i>	<i>28.00</i>	.....	.....	348D
Analysis.....	17.07	2.63	33.47	36.40	7.05	3.38	455F
Analysis.....	17.07	2.97	33.42	35.20	8.03	3.31	282T

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

¹⁹⁹Obsolete tags attached.²⁰⁰Some oat hulls present.²⁰¹Short in weight. Each sack even-weighted and sale resumed. Sample fermented.²⁰²Course cottonseed meal.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Knauer Feed Milling Company, Denison, Texas.							
Red Elephant Brand Milo Head Stems and Molasses.....	<i>4.40</i>	<i>0.70</i>	<i>17.50</i>	<i>56.00</i>	.....	.....	26F
Analysis ²⁰³	6.46	.91	13.97	54.78	15.52	8.36	82T
Cow-Joy Dairy Feed.....	<i>22.00</i>	<i>4.50</i>	<i>11.00</i>	<i>44.20</i>	.....	.....	26M
Analysis.....	23.85	5.51	10.35	45.32	10.08	4.89	280T
Nox-All Brand Chick Starter with Cod Liver Oil.....	<i>13.80</i>	<i>3.40</i>	<i>4.80</i>	<i>58.00</i>	.....	.....	26O
Analysis.....	15.03	4.64	4.30	57.71	11.59	6.73	221T
Whole Oat Chop.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	26S
Analysis.....	10.39	5.29	12.69	58.86	8.82	3.95	81T
Alfalfa Meal and Molasses.....	<i>10.70</i>	<i>1.10</i>	<i>26.90</i>	<i>40.50</i>	.....	.....	26A2
Analysis ²⁰⁴	7.51	.34	16.68	54.76	12.23	8.48	413T
Knox City Grain Elevator, Knox City, Texas.							
Dairy Feed.....	<i>18.00</i>	<i>4.00</i>	<i>16.00</i>	<i>44.00</i>	.....	.....	2114L
Analysis ²⁰⁵	19.12	5.51	15.10	45.44	9.45	5.38	381S
Kraft-Phoenix Cheese Corporation, Chicago, Illinois.							
Kraco Dried Whey.....	<i>12.00</i>	<i>0.50</i>	<i>0.00</i>	<i>70.00</i>	.....	.....	271A
Analysis.....	12.30	1.11	.02	72.80	5.65	8.12	355H
Analysis.....	13.70	.89	.22	69.95	6.49	8.75	450W
Kuder Meal Company, Los Angeles, California.							
Dried Citrus Peel and Pulp.....	<i>6.00</i>	<i>4.80</i>	<i>10.50</i>	<i>62.00</i>	.....	.....	1899A
Analysis.....	6.40	6.31	10.41	59.55	9.56	7.77	1899A
Analysis.....	6.05	1.87	10.16	63.59	9.37	8.96	239H
Ground Dried Citrus Peel and Pulp.....	<i>6.00</i>	<i>4.80</i>	<i>10.50</i>	<i>62.00</i>	.....	.....	1899B
Analysis.....	6.30	3.91	11.02	64.05	5.11	9.61	214H
Analysis.....	6.15	3.34	11.21	65.20	7.18	6.92	215T
Kuder Meal Company, San Antonio, Texas.							
Kuder's Texsun Brand Dried Citrus Peel and Pulp.....	<i>6.00</i>	<i>4.80</i>	<i>10.50</i>	<i>62.00</i>	.....	.....	1899A
Analysis ²⁰⁶	5.60	2.21	10.33	61.43	9.17	11.26	276M
Kuder's Texsun Brand Dried Citrus Peel and Pulp.....	<i>6.00</i>	<i>2.50</i>	<i>11.50</i>	<i>62.00</i>	.....	.....	1899A
Analysis.....	6.60	2.09	12.29	61.98	9.87	7.17	366H
Analysis ²⁰⁶	6.16	3.15	10.58	63.02	9.62	7.47	80R
Lacy Coal Company, Inc., W. D., Waco, Texas.							
Lacy's 17% Protein Dairy Ration....	<i>17.00</i>	<i>2.80</i>	<i>20.00</i>	<i>40.00</i>	.....	.....	199A
Analysis.....	16.15	3.27	13.37	47.52	12.37	7.32	310W
Lacy's Ear Corn Chop with Husk....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	199C
Analysis.....	8.90	3.21	11.98	63.59	10.35	1.97	452W
LaGrange Cotton & Oil Manufacturing Company, LaGrange, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	218F
Analysis.....	43.14	6.69	9.94	26.58	7.86	5.79	161M
Lamar Alfalfa Milling Company, The, Lamar, Colorado.							
Alfalfa Stem Meal.....	<i>9.00</i>	<i>0.80</i>	<i>40.00</i>	<i>30.00</i>	.....	.....	2298C
Analysis.....	12.28	1.14	35.55	34.65	8.14	8.24	440M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁰³Some oats present.

²⁰⁴Ground straw and foreign grasses present.

²⁰⁵Some ground whole barley found, not claimed.

²⁰⁶Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Lamar Cotton Oil Company, The, Paris, Texas.							
Cottonseed Hulls and Cottonseed Meal.....	<i>11.00</i>	<i>1.60</i>	<i>43.00</i>	<i>28.00</i>			537A
Analysis.....	11.00	1.53	39.27	38.62	5.94	3.64	323F
Lamar 16% Protein Sweet Feed.....	<i>16.00</i>	<i>2.00</i>	<i>30.00</i>	<i>29.00</i>			537B
Analysis ²⁰⁷	17.36	2.26	30.33	38.07	5.92	6.06	77F
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>			537E
Analysis ^c	42.40	5.61	11.55	28.26	6.37	5.81	33F
Analysis.....	42.52	6.28	11.68	26.86	7.32	5.34	53F
Analysis ^e	42.16	5.97	11.12	28.28	6.91	5.56	78F
Analysis.....	43.02	6.08	10.95	26.41	7.48	6.06	322F
Lamar Flour Mills, The, Lamar, Colorado.							
Wheat Gray Shorts.....	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>			1776D
Analysis ^a	18.65	4.39	4.85	57.26	10.62	4.23	453K
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>			1776E
Analysis ^a	19.28	4.47	8.29	52.48	9.59	5.89	454K
Lamkin Brothers, Brownwood, Texas.							
Giltedged Brand Egg Mash.....	<i>19.00</i>	<i>4.00</i>	<i>8.00</i>	<i>49.00</i>			1822S
Analysis.....	19.58	4.41	8.31	47.88	8.28	11.54	23T
Analysis ²⁰⁸	19.80	6.60	10.94	44.56	8.43	9.67	248T
Analysis.....	17.40	5.84	10.79	43.44	8.54	13.99	299T
Analysis ^a	19.55	5.09	11.12	44.77	9.92	9.55	166W
Larowe Milling Company, The, Detroit, Michigan.							
Dried Beet Pulp.....	<i>7.00</i>	<i>0.30</i>	<i>22.50</i>	<i>48.00</i>			1550A
Analysis ^e	10.10	.45	19.82	55.51	11.25	2.87	185M
Larowe Milling Company, The, Los Angeles, California.							
Dried Beet Pulp and Molasses.....	<i>7.00</i>	<i>0.30</i>	<i>20.00</i>	<i>50.00</i>			942A
Analysis.....	10.25	.37	12.80	62.36	6.70	7.52	85S
Larowe Milling Company, (Trade Name) Division of General Mills, Inc., Detroit, Michigan.							
Dried Beet Pulp.....	<i>7.00</i>	<i>0.30</i>	<i>22.50</i>	<i>48.00</i>			1550A
Analysis ^a	10.35	.30	20.12	56.31	9.96	2.96	382K
Analysis.....	9.15	.36	21.54	54.27	11.69	2.99	217T
Lavaca Oil Company, Hallettsville, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			328E
Analysis ^e	41.68	6.61	11.27	27.12	8.06	5.26	99M
Analysis.....	43.19	6.39	10.16	27.11	7.89	5.26	162M
Lawson Gin & Grain Company, Meridian, Texas.							
Ground Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>			2467B
Analysis.....	10.95	4.92	11.51	58.03	10.47	4.12	473W
Lawther Mills, W. J., Dallas, Texas.							
Sure-Nuff Brand Cow Feed.....	<i>21.00</i>	<i>3.50</i>	<i>12.00</i>	<i>45.00</i>			1268G
Analysis.....	23.44	4.45	10.60	44.69	8.26	8.56	100K
Analysis.....	22.20	3.86	9.75	45.25	11.13	7.81	49R

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁰⁷Deficient in ground oyster shell and salt.²⁰⁸Hominy feed, alfalfa meal, milo meal, meat and bone scraps and yellow corn meal claimed, not found. Cottonseed meal, rice bran and ground peanut hay found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture		Crude Ash
Lawther Mills, W. J., Dallas, Texas—Continued.						
Milo Head Stems, Corn Cobs, and Molasses						
Analysis	<i>3.40</i>	<i>0.60</i>	<i>24.00</i>	<i>54.00</i>		
Ground Whole Oats	<i>3.80</i>	<i>.28</i>	<i>22.35</i>	<i>52.33</i>	12.89	8.35
Analysis	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>		
Lawther's 9% Protein Sweet Feed	<i>15.30</i>	<i>3.84</i>	<i>9.17</i>	<i>57.53</i>	10.90	3.26
Analysis	<i>9.00</i>	<i>2.30</i>	<i>12.00</i>	<i>54.00</i>		
Ear Corn Chop with Husk	<i>11.33</i>	<i>2.13</i>	<i>11.19</i>	<i>54.55</i>	8.20	12.60
Analysis	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>		
Sure-Nuff Brand Horse and Mule Feed	<i>8.70</i>	<i>3.29</i>	<i>10.19</i>	<i>64.96</i>	11.44	1.42
Analysis	<i>11.00</i>	<i>3.00</i>	<i>11.00</i>	<i>57.00</i>		
Queen-of-Dixie Brand Growing Mash with Buttermilk, Charcoal and Cod Liver Oil	<i>12.91</i>	<i>4.39</i>	<i>9.87</i>	<i>56.62</i>	11.41	4.80
Analysis	<i>17.50</i>	<i>4.40</i>	<i>6.50</i>	<i>52.00</i>		
Lawmi Cow Feed	<i>17.94</i>	<i>4.65</i>	<i>5.99</i>	<i>54.54</i>	9.38	7.50
Analysis	<i>17.86</i>	<i>4.75</i>	<i>6.91</i>	<i>53.15</i>	9.88	7.45
Queen-of-Dixie Brand Round-Worm Control Hen Mash with Charcoal and Nicotine Sulphate	<i>18.00</i>	<i>3.00</i>	<i>13.00</i>	<i>43.00</i>		
Analysis	<i>22.00</i>	<i>3.11</i>	<i>12.13</i>	<i>45.86</i>	7.69	9.21
Lawmi Sweet Feed	<i>19.00</i>	<i>3.80</i>	<i>7.00</i>	<i>50.00</i>		
Analysis	<i>22.40</i>	<i>4.59</i>	<i>7.81</i>	<i>46.50</i>	9.65	9.05
Owl Brand Egg Laying Mash	<i>11.00</i>	<i>1.40</i>	<i>20.00</i>	<i>43.00</i>		
Analysis	<i>10.71</i>	<i>1.09</i>	<i>17.22</i>	<i>47.21</i>	13.44	10.33
Sure-Nuff Brand Big 5 Laying Mash	<i>18.50</i>	<i>3.50</i>	<i>7.50</i>	<i>51.00</i>		
Analysis	<i>20.95</i>	<i>4.45</i>	<i>8.69</i>	<i>47.24</i>	9.12	9.55
Lawther's Complete Chicken Ration with Charcoal and Cod Liver Oil (All-Mash)	<i>20.00</i>	<i>3.50</i>	<i>8.00</i>	<i>44.50</i>		
Analysis	<i>22.12</i>	<i>5.32</i>	<i>7.95</i>	<i>44.05</i>	8.66	11.90
Queen-of-Dixie Brand Egg Laying Mash with Charcoal and Cod Liver Oil	<i>23.27</i>	<i>5.67</i>	<i>8.92</i>	<i>42.42</i>	7.98	11.74
Analysis	<i>15.50</i>	<i>3.20</i>	<i>6.00</i>	<i>52.00</i>		
Farmers Big Six Sweet Feed	<i>19.02</i>	<i>4.88</i>	<i>7.61</i>	<i>52.25</i>	9.10	7.14
Analysis	<i>18.60</i>	<i>4.59</i>	<i>7.19</i>	<i>52.21</i>	9.63	7.78
Lawther's 24% Protein Dairy Feed	<i>19.85</i>	<i>4.64</i>	<i>7.13</i>	<i>52.59</i>	8.34	7.45
Analysis	<i>18.99</i>	<i>5.01</i>	<i>7.11</i>	<i>50.57</i>	10.75	7.57
Farmers Big Six Sweet Feed	<i>19.00</i>	<i>3.80</i>	<i>7.00</i>	<i>50.00</i>		
Analysis	<i>20.58</i>	<i>4.77</i>	<i>7.46</i>	<i>49.62</i>	8.47	9.10
Lawther's 24% Protein Dairy Feed	<i>10.00</i>	<i>3.00</i>	<i>12.00</i>	<i>56.00</i>		
Analysis	<i>10.20</i>	<i>1.05</i>	<i>15.76</i>	<i>53.53</i>	9.90	9.56
Lawther's 36% Protein Egg Mash Supplement	<i>24.00</i>	<i>3.50</i>	<i>12.00</i>	<i>37.00</i>		
Analysis	<i>26.93</i>	<i>3.43</i>	<i>12.45</i>	<i>41.53</i>	7.25	8.41
Lawther's 36% Protein Egg Mash Supplement	<i>25.44</i>	<i>3.69</i>	<i>11.19</i>	<i>39.63</i>	11.35	8.70
Analysis	<i>36.00</i>	<i>4.00</i>	<i>6.00</i>	<i>25.00</i>		
Analysis	<i>34.65</i>	<i>6.29</i>	<i>5.29</i>	<i>25.07</i>	8.16	20.54
Lee Flour Mills Company, The H. D., Salina, Kansas.						
Wheat Gray Shorts	<i>17.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>		
Analysis	<i>19.65</i>	<i>4.89</i>	<i>5.02</i>	<i>56.56</i>	9.89	3.99
Leger Mill Company, Altus, Oklahoma.						
Wheat Mixed Feed	<i>16.00</i>	<i>3.50</i>	<i>8.50</i>	<i>52.00</i>		
Analysis	<i>19.51</i>	<i>4.45</i>	<i>7.62</i>	<i>52.84</i>	10.42	5.16
Big J Laying Mash	<i>18.00</i>	<i>3.70</i>	<i>7.00</i>	<i>46.00</i>		
Analysis	<i>20.73</i>	<i>4.61</i>	<i>6.95</i>	<i>46.90</i>	9.36	11.45

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁰⁹Obsolete tags attached.

²¹⁰Excess ground oyster shell found.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Leger Mill Company, Altus, Oklahoma—Continued.							
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			109M
Analysis	20.07	4.53	5.82	53.22	11.97	4.39	179K
Analysis	19.08	4.89	5.10	54.92	10.86	5.15	461S
Whole Oat Chop	11.00	4.00	12.00	58.00			109R
Analysis	16.21	4.71	10.27	56.00	8.81	4.00	6K
Liberty Mills, San Antonio, Texas.							
Wheat Gray Shorts	17.00	4.00	6.00	55.00			1E
Analysis ²¹¹	18.36	3.63	5.97	57.43	10.35	4.26	17H
Analysis ^{212 b c e}	18.83	4.34	6.57	55.17	10.35	4.74	32M
Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00			1E
Analysis	18.57	4.12	5.48	55.70	11.97	4.16	222H
Analysis ^{212 b c e}	18.14	4.65	6.38	56.86	9.60	4.37	471M
Liberty Bell Sweet 16% Protein Dairy Feed	16.00	4.00	13.00	45.50			1M
Analysis	17.56	3.26	12.22	46.85	10.73	9.38	426H
Liberty Bell Dairy Feed	18.00	3.80	9.00	52.00			1Q
Analysis	18.70	4.92	6.94	54.67	11.05	3.72	144H
Analysis	17.83	4.71	7.29	55.96	10.37	3.84	419H
Boss Brand Sweet Feed	9.00	2.00	13.00	56.00			1U
Analysis	10.60	1.59	11.02	53.10	11.21	12.48	425H
Liberty Bell Chick Starter with Buttermilk and Cod Liver Oil	17.00	4.00	5.00	51.00			1W
Analysis	18.63	6.01	4.46	51.97	9.35	9.58	381H
Liberty Bell Growing Mash	16.00	4.00	4.50	57.00			1X
Analysis	17.30	5.07	3.74	58.08	10.56	5.25	382H
Boss Brand Ground Head Stems from Milo and Kafir with Molasses	4.40	0.70	17.50	55.60			1A6
Analysis	5.10	.63	16.46	51.07	12.46	14.28	424H
Finest Brand 18% Protein Dairy Feed	18.00	3.80	11.00	45.00			1B4
Analysis	18.40	2.92	10.00	48.47	11.12	9.09	427H
Light Grain & Milling Company, The, Liberal, Kansas.							
Wheat Gray Shorts	17.00	4.00	5.50	55.00			152A
Analysis	20.00	4.72	4.33	56.01	11.03	3.91	118K
Red Diamond Chick Starter and Growing Mash	17.00	4.50	5.00	50.00			152K
Analysis	19.68	4.38	4.77	53.49	10.22	7.46	392K
Red Diamond Egg Laying Mash	19.00	3.50	6.50	50.00			152L
Analysis	21.41	4.61	5.89	50.58	8.29	9.22	391K
Enner-Jee Brand Egg Mash	18.00	3.60	6.60	49.00			152N
Analysis	17.68	4.25	5.06	57.61	8.35	7.05	528K
Red Diamond Growing Mash	15.00	5.00	6.50	52.50			152P
Analysis	19.50	4.14	4.48	55.10	9.50	7.28	463K
Blue Diamond Egg Laying Mash	18.00	3.50	6.50	50.00			152Q
Analysis	19.20	4.21	7.10	51.74	8.90	8.85	66K
Lisbon Feed Company, Dallas, Texas.							
Sunbeam Brand Hen Scratch	10.20	3.00	3.20	70.00			766A
Analysis	12.30	2.64	1.94	70.00	11.43	1.69	12R
Sunbeam Brand 18% Protein Cow Feed	18.00	3.80	11.00	50.00			766E
Analysis	18.28	4.63	10.81	50.73	9.70	5.85	89R
Sunbeam Brand Egg Mash	20.00	3.80	7.00	47.50			766H
Analysis	20.14	5.12	8.46	47.53	8.43	10.32	11R
Analysis	20.70	4.90	6.42	49.14	9.30	9.54	90R

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

²¹¹Ground wheat screenings present.

²¹²Wheat brown shorts and screenings.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Lochte Storage & Commission Company, Fredericksburg, Texas.							
Guffy Brand Cow Feed	<i>19.00</i>	<i>4.00</i>	<i>11.00</i>	<i>49.00</i>			2547C
Analysis	18.26	5.35	10.76	52.33	7.30	6.00	31H
Analysis	19.02	4.12	8.68	52.24	10.10	5.84	375H
Lochte Laying Mash	<i>20.00</i>	<i>3.50</i>	<i>7.40</i>	<i>45.10</i>			2547D
Analysis	20.40	5.53	6.38	48.82	8.52	10.35	30H
Lockhart Oil & Gin Company, Lockhart, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			821B
Analysis	42.51	6.09	11.51	28.62	5.98	5.29	74H
Analysis	43.27	6.18	10.23	27.50	7.32	5.50	211H
Analysis	43.81	6.39	9.80	27.46	6.61	5.93	271H
Analysis	42.68	6.45	10.81	26.76	7.24	6.06	400H
Logan Feed & Hatchery, Big Spring, Texas.							
Logan's Tip-Top Brand Laying Mash with Minerals	<i>20.00</i>	<i>4.00</i>	<i>7.00</i>	<i>46.00</i>			858D
Analysis ²¹³	22.46	5.37	6.41	46.28	9.22	10.26	350S
Economy Brand Growing Mash	<i>17.00</i>	<i>4.00</i>	<i>8.50</i>	<i>48.00</i>			858F
Analysis	19.80	4.32	8.48	49.29	8.83	9.28	391S
24% Protein Dairy Feed	<i>24.00</i>	<i>4.00</i>	<i>10.50</i>	<i>42.00</i>			858G
Analysis ^a	24.45	4.75	10.95	44.96	7.63	7.26	6S
Logan's All-Mash Chick Starter	<i>17.50</i>	<i>4.00</i>	<i>6.70</i>	<i>49.50</i>			858X
Analysis	17.80	4.95	5.43	55.60	9.10	7.12	286S
Analysis	18.30	4.67	5.74	52.92	10.49	7.88	349S
Sweet Feed	<i>11.00</i>	<i>2.40</i>	<i>13.00</i>	<i>49.00</i>			858Z
Analysis ^{d a}	11.35	1.36	11.26	57.91	12.14	5.98	76S
Fattening Mash	<i>14.41</i>	<i>5.55</i>	<i>4.76</i>	<i>60.49</i>	<i>9.06</i>	<i>5.73</i>	7S
Analysis ^{e h 1214}							
Logan Feed & Hatchery, Brownwood, Texas.							
Logan's Home-Mix Egg Mash	<i>18.00</i>	<i>3.50</i>	<i>7.60</i>	<i>46.50</i>			2487D
Analysis	19.39	4.77	8.12	48.36	9.97	9.39	269S
Longview Cotton Oil Company, Longview, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			604F
Analysis	43.02	6.14	11.29	28.30	5.61	5.64	48F
Analysis	44.57	7.38	9.02	25.75	7.54	5.74	267F
Louisiana State Rice Milling Company, Inc., Abbeville, Louisiana, and Branches.							
Water Maid Rice Polish	<i>11.00</i>	<i>10.00</i>	<i>2.50</i>	<i>52.00</i>			2066C
Analysis ^a	13.25	14.02	3.21	51.93	10.21	7.38	305H
Water Maid Rice Bran	<i>12.00</i>	<i>12.00</i>	<i>12.00</i>	<i>42.00</i>			2066D
Analysis ^a	14.25	16.08	11.39	37.17	9.69	11.42	304H
Lubbock Cotton Oil Company, Lubbock, Texas.							
43% Protein Cottonseed Cake	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>			372A
Analysis	44.01	6.13	10.13	27.27	6.53	5.93	204K
Analysis	43.93	6.58	9.58	27.44	6.48	5.99	241K
Analysis	44.29	6.58	10.31	26.26	7.19	5.37	251K
Analysis	43.46	6.54	10.53	27.20	6.68	5.59	312K
43% Protein Cottonseed Meal	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>			372B
Analysis	44.10	6.14	10.77	25.91	7.29	5.79	29K
Analysis	45.16	6.88	8.60	26.13	7.32	5.91	193K
Analysis	43.08	5.93	10.51	28.48	6.48	5.52	197K
Analysis	43.45	6.84	8.95	28.38	6.65	5.73	206K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²¹³Obsolete tags attached.

²¹⁴Feed given away. Manufacture discontinued.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Lubbock Cotton Oil Company,							
Lubbock, Texas—Continued.							
43% Protein Cottonseed Meal—Cont.							
Analysis.....	44.28	5.87	10.17	27.35	6.63	5.70	207K
Analysis.....	44.60	6.62	9.86	26.20	7.04	5.68	231K
Analysis.....	43.63	6.74	10.35	26.74	6.65	5.89	292K
43% Protein Cottonseed Cubes.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>			372I
Analysis.....	42.94	6.21	10.12	27.32	8.18	5.23	252K
Analysis.....	44.03	6.69	8.87	27.87	6.75	5.79	279K
Analysis.....	43.81	6.94	10.39	26.28	7.24	5.34	313K
Lubbock Grain & Feed Company,							
Lubbock, Texas.							
Diamond-Dot Dairy Feed.....	<i>16.00</i>	<i>3.20</i>	<i>11.00</i>	<i>49.00</i>			2430D
Analysis.....	18.61	3.78	9.81	52.58	7.30	7.92	506K
Diamond-Dot Laying Mash with Charcoal and Cod Liver Oil.....	<i>19.00</i>	<i>4.00</i>	<i>7.00</i>	<i>47.00</i>			2430O
Analysis.....	20.21	4.84	7.46	48.66	7.58	11.25	31K
B Brand Mixed Feed.....	<i>13.00</i>	<i>2.40</i>	<i>25.00</i>	<i>42.00</i>			2430P
Analysis.....	15.08	2.94	22.69	45.66	4.44	9.19	35K
Diamond-Dot Chick Starter with Charcoal.....	<i>17.50</i>	<i>4.00</i>	<i>6.00</i>	<i>50.00</i>			2430Q
Analysis.....	20.06	4.82	5.85	50.11	10.62	8.54	365K
Diamond-Dot Growing Mash with Charcoal.....	<i>16.50</i>	<i>3.50</i>	<i>7.00</i>	<i>50.00</i>			2430R
Analysis.....	19.04	4.33	6.22	53.37	8.72	8.32	429K
Lufkin Milling Company,							
Lufkin, Texas.							
Corn Bran.....	<i>8.00</i>	<i>5.00</i>	<i>12.00</i>	<i>60.00</i>			672A
Analysis.....	7.70	3.97	12.39	64.08	10.36	1.50	84M
Laying Mash.....	<i>20.00</i>	<i>4.00</i>	<i>7.00</i>	<i>47.00</i>			672F
Analysis.....	22.40	5.49	5.49	49.53	7.56	9.53	83M
Lysle Milling Company, The J. C.,							
Leavenworth, Kansas.							
White Crest Wheat Gray Shorts.....	<i>16.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>			196G
Analysis.....	16.20	4.74	5.86	57.82	11.21	4.17	328F
McAdams, T. J.,							
Celina, Texas.							
Cel-Tex Egg Mash with Charcoal....	<i>19.00</i>	<i>3.60</i>	<i>8.00</i>	<i>49.00</i>			1729F
Analysis.....	20.80	5.13	7.02	50.05	9.45	7.55	88T
Cel-Tex Baby Chick Starter with Charcoal.....	<i>19.00</i>	<i>4.00</i>	<i>7.00</i>	<i>51.00</i>			1729J
Analysis.....	20.20	4.85	5.45	50.96	11.89	6.65	223T
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>			1729K
Analysis ²¹⁵	9.68	2.42	12.84	61.75	8.12	5.19	90T
Ground Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>			1729L
Analysis ²¹⁶	12.58	3.98	11.65	56.66	8.82	6.31	89T
Cel-Tex Growing Mash with Charcoal.	<i>17.50</i>	<i>3.60</i>	<i>6.00</i>	<i>51.50</i>			1729N
Analysis.....	19.40	4.90	5.49	53.70	9.11	7.40	417T
McCulloch County Cotton Oil Mill,							
Brady, Texas.							
Cotton Bloom Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1047D
Analysis.....	43.20	7.30	10.77	26.63	6.98	5.12	102S
Analysis.....	42.94	7.10	10.77	26.12	7.48	5.59	184S
Analysis.....	44.68	7.41	10.27	26.03	6.55	5.06	250S
Cotton Bloom Brand 43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1047E
Analysis.....	42.76	6.03	10.67	28.01	7.57	4.96	101S
Analysis.....	43.23	6.02	10.02	27.04	8.33	5.36	183S
Analysis.....	42.75	6.10	11.70	26.55	7.91	4.99	251S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²¹⁵Excess corn husk present. Incorrectly printed tags attached.²¹⁶Ground wheat, ground corn and ground weed seed present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
McCulloch County Cotton Oil Mill, Brady, Texas—Continued.							
Panther Brand Mixed Feed	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.00</i>	.....	.....	1047I
Analysis	13.05	2.05	32.56	40.69	7.16	4.49	318S
McDonald Feed Mill, Rising Star, Texas.							
Cow Feed	<i>16.00</i>	<i>3.50</i>	<i>13.50</i>	<i>46.00</i>	.....	.....	2266C
Analysis	16.30	3.89	12.65	50.32	9.55	7.29	326S
McIver Feed & Milling Company, San Antonio, Texas.							
Ground Peanut Hay and Molasses	<i>7.30</i>	<i>2.20</i>	<i>16.50</i>	<i>50.00</i>	.....	.....	1725A
Analysis ^{217 e}	6.94	1.01	20.43	50.53	9.45	11.64	83H
50% Protein Meat and Bone Meal	<i>50.00</i>	<i>6.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	1725F
Analysis	49.27	9.40	1.69	.86	5.85	32.93	84H
Analysis	50.35	9.28	1.60	.01	6.81	31.95	136H
Analysis ^e	47.63	9.74	1.10	.89	7.08	33.56	319H
Analysis	53.65	9.54	1.23	.13	6.90	28.55	388H
Peanut Hay, Peanut Hulls, and Molasses	<i>7.80</i>	<i>2.00</i>	<i>31.50</i>	<i>40.50</i>	.....	.....	1725P
Analysis ²¹⁸	8.30	2.15	24.04	43.71	12.15	9.65	175H
Magnolia Provision Company, Houston, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	719A
Analysis	42.88	7.07	11.38	23.30	9.40	5.97	204M
Analysis ²¹⁹	42.54	7.37	11.55	23.38	9.30	5.86	205M
Analysis ^{220 c}	42.21	8.76	11.79	24.39	7.24	5.61	222M
Analysis ^e	42.33	7.17	11.55	23.82	9.31	5.82	235M
Majestic Flour Mill, Aurora, Missouri.							
Wheat Gray Shorts and Screenings	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	738A
Analysis ^{221 c}	14.22	4.02	6.91	59.70	10.60	4.55	103F
Analysis ^{222 b}	16.10	3.91	7.07	56.88	11.73	4.31	166F
Analysis ^{222 b}	14.40	3.72	6.39	60.72	10.68	4.09	169F
Analysis ^{221 f i}	15.73	3.99	6.29	58.00	11.80	4.19	336F
Analysis ^{221 c}	17.40	3.93	6.94	55.93	10.99	4.81	471F
Mangum Mill & Elevator Company, Mangum, Oklahoma.							
Bossie Special Brand Cow Feed with Molasses	<i>10.50</i>	<i>2.00</i>	<i>18.50</i>	<i>50.00</i>	.....	.....	1870K
Analysis ²²³	12.12	1.75	14.56	49.54	10.02	12.01	466K
Mam-Co Laying Mash	<i>18.50</i>	<i>3.50</i>	<i>8.00</i>	<i>47.50</i>	.....	.....	1870S
Analysis	18.34	3.83	9.04	51.81	9.31	7.67	156K
Alfalfa Meal and Molasses	<i>10.00</i>	<i>1.10</i>	<i>25.00</i>	<i>42.00</i>	.....	.....	1870U
Analysis	13.41	.85	19.12	46.25	9.09	11.28	468K
Chopped Alfalfa	<i>13.00</i>	<i>1.50</i>	<i>33.00</i>	<i>35.00</i>	.....	.....	1870X
Analysis ^{d a}	12.38	1.63	34.99	34.77	9.27	6.96	397K
Marlin Oil Company, The, Marlin, Texas.							
43% Protein Cottonseed Cake	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	514F
Analysis	43.95	5.73	10.46	27.97	6.61	5.28	28S
Analysis	43.66	6.71	10.67	26.21	7.06	5.69	48S
Analysis	45.57	6.07	9.14	25.88	7.16	6.18	100S
Analysis ^{224 b c}	41.50	6.95	11.58	28.34	6.21	5.42	3W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

217 Obsolete tags attached.

218 Not tagged, but tags furnished.

219 Cottonseed cake.

220 Off quality.

221 Wheat brown shorts and screenings.

222 Wheat brown shorts and screenings. Blank tags attached.

223 Obsolete tags attached.

224 Cottonseed meal.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Marlin Oil Company, The,							
Marlin, Texas—Continued.							
43% Protein Cottonseed Cake—Cont.							
Analysis	43.26	6.54	10.82	26.85	6.86	5.67	90W
Analysis ^c	<i>41.86</i>	6.82	10.59	26.61	8.56	5.56	233W
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			514G
Analysis ^e	<i>42.00</i>	7.25	11.16	27.83	5.99	5.77	124H
Analysis	<i>42.67</i>	6.75	11.82	27.31	5.86	5.59	42M
Analysis	44.43	5.52	10.70	28.12	5.84	5.39	29S
Analysis ^{b c}	<i>41.69</i>	7.02	11.34	27.36	7.01	5.58	91S
Analysis ^c	<i>42.04</i>	7.10	11.11	27.92	6.00	5.83	126T
Analysis ^c	<i>42.28</i>	8.38	10.71	26.76	6.18	5.69	42W
Analysis ^c	<i>41.98</i>	7.26	10.17	28.13	6.87	5.59	313W
Analysis ^c	<i>40.29</i>	7.73	11.50	27.71	7.22	5.55	424W
Marquez, Secundino,							
Eagle Pass, Texas.							
Wheat Gray Shorts	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>			735B
Analysis	17.60	4.29	5.93	57.20	10.90	4.08	121H
Marshall Cotton Oil Company,							
Marshall, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1720F
Analysis ^e	<i>41.45</i>	6.54	11.94	28.07	6.43	5.57	60F
Analysis	43.89	7.52	11.47	24.19	7.36	5.57	116F
Analysis	45.00	7.49	10.09	24.64	7.08	5.70	117F
Analysis	43.96	7.10	9.64	26.07	7.69	5.54	208F
Analysis	44.65	7.36	9.52	25.08	7.29	6.10	330F
Analysis	43.80	6.82	10.07	26.36	7.24	5.71	331F
Moco Mixed Feed	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.00</i>			1720N
Analysis	14.44	2.77	35.99	38.90	4.32	3.58	209F
Marshall Mill & Elevator Company,							
Marshall, Texas.							
Ground Whole Oats	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>			250L
Analysis ²²⁵	14.05	4.60	8.34	59.90	9.88	3.23	34F
Analysis ²²⁵	13.50	5.15	7.34	59.81	10.94	3.26	383H
Analysis	13.62	4.12	8.30	58.11	12.67	3.18	237M
Analysis ²²⁵	12.62	4.36	8.06	59.57	11.93	3.46	189T
Acorn Horse and Mule Feed, Heavy with Corn	<i>10.00</i>	<i>2.60</i>	<i>7.30</i>	<i>62.20</i>			250P
Analysis ²²⁶	10.85	3.43	5.27	62.08	14.41	3.96	260F
Big Boy Horse and Mule Feed	<i>9.60</i>	<i>2.20</i>	<i>15.00</i>	<i>53.00</i>			250R
Analysis	8.43	.88	11.94	56.46	15.55	6.74	275F
Texas Sweet Stock Feed	<i>9.00</i>	<i>2.30</i>	<i>13.50</i>	<i>53.00</i>			250S
Analysis ^e	12.40	2.47	12.35	51.67	14.09	7.02	132F
Texas Sweet Stock Feed	<i>9.00</i>	<i>2.30</i>	<i>13.50</i>	<i>56.00</i>			250S
Analysis ²²⁶	11.30	1.76	11.11	54.39	14.26	7.18	227F
Acorn 24% Protein Dairy Feed	<i>24.00</i>	<i>4.50</i>	<i>10.00</i>	<i>42.30</i>			250T
Analysis	26.07	4.66	9.30	41.90	11.11	6.96	80F
Analysis	25.56	4.65	8.67	44.11	10.95	6.06	118F
Analysis	25.60	4.98	8.63	42.15	11.09	7.55	184F
Analysis ^e	25.85	5.49	8.52	43.73	8.57	7.84	18W
Acorn 24% Protein Dairy Feed	<i>24.00</i>	<i>4.50</i>	<i>10.00</i>	<i>43.00</i>			250T
Analysis	26.97	4.29	7.93	42.15	11.49	7.17	457F
Analysis	24.96	4.28	8.18	43.05	12.74	6.79	280W
Analysis	24.86	4.05	8.53	44.63	9.96	7.97	509W
Acorn Baby Chick Grains	<i>10.00</i>	<i>2.70</i>	<i>3.00</i>	<i>70.00</i>			250A2
Analysis ^{227 b}	15.35	2.00	2.55	67.81	10.35	1.94	351K
Analysis ^{228 b}	12.17	2.24	1.65	71.36	11.21	1.37	428K
Analysis ^{229 b}	16.76	1.78	2.62	66.04	10.57	2.23	430K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²²⁵Some ground corn present.²²⁶Obsolete tags attached.²²⁷Steel-cut wheat. Mutilated tags attached. Short in weight. Each sack even-weighted and sale resumed.²²⁸Milo chop. Mutilated tags attached.²²⁹Steel-cut wheat. Mutilated tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Marshall Mill & Elevator Company, Marshall, Texas—Continued.							
Acorn Hog Feed with Charcoal.....	<i>15.00</i>	<i>4.20</i>	<i>5.80</i>	<i>52.00</i>			250A7
Analysis ^{230 d a}	18.41	5.21	4.40	49.03	12.71	10.24	191H
Analysis.....	17.18	5.45	5.09	52.14	12.43	7.71	281W
Acorn Hominy Feed.....	<i>10.00</i>	<i>6.00</i>	<i>7.00</i>	<i>60.00</i>			250B6
Analysis.....	11.72	6.54	4.59	64.45	10.33	2.37	420H
Analysis.....	11.60	7.83	7.63	58.50	11.65	2.79	330S
Latex Sweet Mixing Feed.....	<i>9.50</i>	<i>2.30</i>	<i>17.00</i>	<i>52.00</i>			250C2
Analysis.....	11.92	1.65	16.26	51.19	12.43	6.55	205F
Analysis.....	13.83	2.85	14.40	49.13	12.03	7.76	261F
Analysis.....	12.01	1.98	12.96	53.47	12.92	6.66	320F
Analysis.....	13.31	2.51	12.19	52.52	13.27	6.20	338F
Analysis.....	12.55	2.53	14.08	51.15	9.99	9.70	427K
Analysis ²³¹	13.19	2.39	14.32	52.69	10.00	7.41	86M
Analysis.....	10.92	1.86	12.63	54.86	12.22	7.51	435W
Hominy Feed and Molasses.....	<i>8.00</i>	<i>4.50</i>	<i>5.50</i>	<i>61.00</i>			250C3
Analysis.....	9.45	5.90	6.65	58.23	15.27	4.50	342S
Special 18% Protein Dairy Feed.....	<i>18.00</i>	<i>4.00</i>	<i>14.00</i>	<i>43.00</i>			250C4
Analysis.....	18.12	3.83	10.24	46.58	13.08	8.15	339F
Analysis.....	18.20	4.07	10.34	47.30	12.34	7.75	360F
Analysis.....	18.40	3.61	9.64	48.75	11.09	8.51	411F
Analysis.....	16.65	3.85	10.66	47.93	12.74	8.17	201W
Special Five Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>			250C6
Analysis.....	22.08	5.61	6.94	44.11	9.15	12.11	83F
Analysis ²³²	22.24	5.60	6.81	44.47	9.36	11.52	90F
Analysis.....	22.47	5.28	6.70	43.28	10.00	12.27	133F
Analysis.....	21.70	5.09	6.39	44.83	11.21	10.78	226F
Analysis.....	20.90	4.99	6.16	48.41	9.10	10.44	401F
Analysis ²³²	21.00	5.61	6.73	45.87	9.07	11.72	100M
Analysis.....	21.20	5.78	7.34	45.99	8.37	11.32	68T
Analysis.....	22.09	5.32	6.52	44.76	10.15	11.16	231W
Koelmay Special Dairy Feed.....	<i>16.50</i>	<i>4.00</i>	<i>9.00</i>	<i>48.00</i>			250D1
Analysis.....	18.42	4.09	8.01	50.78	11.95	6.75	105M
Sweetex Mixed Feed.....	<i>9.00</i>	<i>1.60</i>	<i>36.00</i>	<i>36.00</i>			250D9
Analysis.....	7.32	1.20	29.96	39.72	14.04	7.76	131F
Analysis.....	7.41	.52	30.39	39.61	15.86	6.21	204F
Analysis.....	7.65	1.30	25.64	45.95	13.45	6.01	385F
Analysis.....	8.15	1.73	24.78	45.57	12.95	6.82	88H
Analysis.....	9.40	2.09	22.94	47.22	12.16	6.19	44M
Analysis.....	9.00	1.82	20.51	47.78	14.24	6.65	394W
Acorn Hog Feed Cubes with Charcoal.....	<i>15.00</i>	<i>4.20</i>	<i>5.80</i>	<i>52.00</i>			250E3
Analysis.....	17.85	5.96	5.49	52.27	9.94	8.49	404M
Special Five Laying Mash Pellets.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>			250E9
Analysis ^{232 a}	22.23	3.74	6.23	50.23	6.94	10.63	405S
All-Mash Chick Starter with Charcoal.....	<i>17.50</i>	<i>3.50</i>	<i>5.00</i>	<i>50.00</i>			250F4
Analysis ²³³	18.50	5.23	5.48	52.49	9.94	8.36	337S
Growing Mash.....	<i>16.70</i>	<i>3.60</i>	<i>6.00</i>	<i>50.00</i>			250F5
Analysis ²³³	18.50	4.04	4.58	53.92	10.14	8.82	338S
Laying Mash.....	<i>19.20</i>	<i>3.60</i>	<i>6.90</i>	<i>45.00</i>			250F6
Analysis ²³³	20.77	4.34	5.77	47.63	10.28	11.21	340S
Scratch Feed.....	<i>10.00</i>	<i>2.70</i>	<i>3.10</i>	<i>69.80</i>			250F7
Analysis ²³³	12.43	2.76	1.76	69.52	11.65	1.88	339S
Martin Feed Mill, Nocona, Texas.							
Nocona Egg Mash.....	<i>19.00</i>	<i>3.70</i>	<i>8.00</i>	<i>46.00</i>			2273F
Analysis.....	21.60	5.22	7.22	47.53	8.46	9.97	464T
Nocona Dairy Feed No. 3.....	<i>19.00</i>	<i>4.00</i>	<i>11.00</i>	<i>47.00</i>			2273K
Analysis.....	20.38	4.72	11.20	48.05	8.90	6.75	465T

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

²³⁰Ground whole oats, ground whole barley and cottonseed meal found, not claimed.

²³¹Rolled whole oats found, not claimed.

²³²Excess ground oyster shell found.

²³³Not tagged, but tags furnished.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Martin-Lane Company, Vernon, Texas.							
Crown Quality Brand All-Mash Starter containing Cod Liver Oil.....	17.00	3.70	6.20	51.00	10.26	8.01	1902E
Analysis.....	19.37	4.84	5.15	52.37	.....	.....	421K
Crown Quality Brand Dairy Feed.....	18.00	3.20	12.00	45.00	.....	.....	1902G
Analysis.....	17.00	3.78	11.40	53.21	7.85	6.76	4K
Crown Quality Brand Growing Mash containing Charcoal.....	14.50	3.20	7.00	54.00	.....	.....	1902H
Analysis.....	17.08	4.15	3.82	57.56	9.71	7.68	487K
Crown Quality Brand Laying Mash containing Cod Liver Oil.....	20.00	4.00	7.50	45.00	.....	.....	1902J
Analysis.....	21.43	4.66	5.99	48.56	7.80	11.56	88K
Bunk-O Cow Feed.....	16.00	2.80	17.50	45.00	.....	.....	1902K
Analysis.....	14.64	3.27	16.09	46.96	8.77	10.27	345K
Analysis.....	15.44	2.39	16.82	48.33	7.60	9.42	37T
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	1902Q
Analysis ^a	11.22	2.58	32.44	38.79	7.46	7.51	199S
Analysis.....	12.65	1.65	31.52	37.76	8.11	8.31	384S
Marvel Milling Company, Gatesville, Texas.							
Home-Made Laying Mash with Buttermilk and Charcoal.....	18.90	3.50	8.00	45.00	.....	.....	2617C
Analysis.....	16.36	3.78	6.21	56.41	8.95	8.29	336W
Analysis ²³⁴	19.96	4.00	3.82	53.35	8.07	10.80	487W
Maupin, E. T., Abernathy, Texas.							
Sun-Ray Brand Laying Mash.....	18.00	3.50	6.50	48.00	.....	.....	1994F
Analysis.....	20.55	4.96	5.55	49.81	9.57	9.56	126K
Mayfield Feed & Grain Company, Dalhart, Texas.							
Mayfield's Texacream Brand Growing Mash.....	17.20	3.80	6.00	50.00	.....	.....	1530B
Analysis.....	19.14	4.74	5.51	53.33	8.79	8.49	59K
Mayfield's Texacream Brand Growing Mash with Manganese Sulphate.....	17.50	3.20	5.00	52.00	.....	.....	1530B
Analysis.....	19.78	3.66	4.43	54.14	8.32	9.67	458K
Texacream Brand Laying Mash.....	18.00	3.50	6.00	50.00	.....	.....	1530G
Analysis.....	20.58	4.74	4.98	51.87	9.94	7.89	147K
Texacream Brand Horse and Mule Feed.....	11.50	2.40	8.00	59.00	.....	.....	1530N
Analysis ^{235 b}	15.85	3.09	6.85	55.23	10.71	8.27	316K
Texacream Brand All-Mash Starter with Manganese Sulphate.....	17.60	3.30	5.50	49.50	.....	.....	1530O
Analysis.....	20.45	4.54	4.79	52.83	9.73	7.66	388K
Mayfield's Texacream Brand Steer Pellets.....	17.00	2.60	7.00	50.00	.....	.....	1530T
Analysis.....	20.00	3.13	6.21	52.53	7.80	10.33	464K
Mayfield's Texacream Brand Cattle Feed.....	17.00	2.80	8.00	52.00	.....	.....	1530W
Analysis.....	17.94	3.19	6.11	52.72	9.69	10.35	530K
Mayfield's Just-Rite Brand Dairy Feed.....	24.00	3.00	10.50	41.00	.....	.....	1530A2
Analysis.....	24.70	3.13	10.53	42.88	8.97	9.79	62K
Mayfield's Big 6 Cow Feed.....	10.00	2.00	16.00	48.00	.....	.....	1530A6
Analysis ²³⁶	12.66	2.09	16.98	46.90	9.04	12.33	315K
Texacream Brand Laying Mash Pellets with Manganese Sulphate.....	18.00	3.50	6.00	50.00	.....	.....	1530A7
Analysis.....	19.00	3.73	5.02	53.25	11.53	7.47	456K
Mayfield's Big 7 Horse Pellets.....	10.00	2.50	8.00	53.00	.....	.....	1530B6
Analysis.....	13.30	3.05	5.37	59.57	12.03	6.68	254K

^a a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.²³⁴ Milo meal found, not claimed.²³⁵ In pellet form.²³⁶ Kafir head chop substituted for milo head chop.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. ^a Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Mayfield Feed & Grain Company, Dalhart, Texas—Continued.							
Texacream Brand Breeder-Layer Mash with Manganese Sulphate	19.00	3.50	6.00	45.00	9.45	8.82	1530B7
Analysis ²³⁷	20.00	4.28	5.39	52.06	9.45	8.82	459K
Milo Head Chop and Molasses	7.00	2.00	6.40	67.00	10.75	6.45	1530B9
Analysis	9.58	1.76	6.16	65.30	10.75	6.45	310K
Mayfield Park Feed Store, San Antonio, Texas.							
X Laying Mash with Charcoal	19.50	4.00	6.50	49.00	9.85	11.22	1965K
Analysis	21.22	5.80	6.91	45.00	9.85	11.22	219H
Mayfield Park Dairy Feed	15.00	3.80	14.00	49.00	10.78	8.20	1965P
Analysis	15.00	4.76	11.53	49.73	10.78	8.20	218H
Memphis Cotton Oil Company, Memphis, Texas.							
43% Protein Cottonseed Pellets	43.00	6.00	12.00	23.00	10.20	5.16	680C
Analysis ^e	38.85	6.97	10.11	28.71	10.20	5.16	272K
Analysis	43.72	7.94	7.56	25.30	9.73	5.75	280K
Analysis ^e	39.40	6.70	12.35	27.26	9.24	5.05	311K
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	6.74	5.13	680E
Analysis ^e	40.63	9.05	11.69	26.76	6.74	5.13	163K
Analysis ^e	40.52	7.31	12.38	26.84	7.11	5.84	335K
Analysis ^e	41.56	7.39	11.04	26.90	7.46	5.65	474K
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00	7.55	5.72	680F
Analysis	44.05	6.57	9.74	26.37	7.55	5.72	249K
Analysis	43.04	7.38	8.88	28.51	6.07	6.12	271K
Analysis ^e	41.90	5.36	10.96	29.55	6.67	5.56	304K
Analysis	43.32	6.33	10.43	27.64	6.53	5.75	386K
Merchant Feed Store, Alvin, Texas.							
Merchant 18% Protein Dairy Feed	18.00	3.60	13.60	42.00	9.28	7.00	122A
Analysis	20.65	3.60	10.93	48.54	9.28	7.00	340M
Merchant Chick Starter Mash	18.00	3.20	6.00	51.00	9.34	8.81	122C
Analysis	20.85	3.89	5.06	52.05	9.34	8.81	339M
Merchants & Planters Oil Company, Houston, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	7.23	5.61	466D
Analysis	43.95	7.67	9.92	25.62	7.23	5.61	29M
Analysis	42.78	6.07	12.38	26.82	6.56	5.39	124M
Analysis	43.52	6.37	11.06	24.92	8.52	5.61	184M
Meyer Grain Company, Houston, Texas.							
Numix Dairy Feed	21.00	4.00	13.50	42.00	8.93	9.36	1293A
Analysis	22.10	4.27	12.97	42.37	8.93	9.36	75M
Queen Chicken Feed	10.20	3.00	3.50	70.00	11.13	1.27	1293B
Analysis	10.70	3.65	2.22	71.03	11.13	1.27	17M
Milo Meal	10.00	2.50	3.00	70.00	11.86	2.86	1293D
Analysis ^d	10.98	2.97	4.03	67.30	11.86	2.86	378M
Queen Feed	10.00	5.00	18.00	45.00	8.70	8.64	1293E
Analysis	12.31	4.04	19.17	47.14	8.70	8.64	16M
Analysis	13.35	4.98	15.57	44.91	8.75	12.44	442M
M. F. A. Milling Company, Springfield, Missouri.							
Ground Whole Oats	11.00	4.00	12.00	58.00	9.10	4.68	2611B
Analysis ^{d a238}	14.54	3.90	10.73	57.05	9.10	4.68	179S
Ground Whole Barley	11.00	1.50	6.00	65.00	11.15	2.64	2611C
Analysis ^{d a}	11.79	1.96	6.25	66.21	11.15	2.64	223S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²³⁷Deficient in ground limestone.²³⁸Some ground whole barley found.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
M. F. A. Milling Company, Springfield, Missouri—Continued.							
Corn Feed Meal	8.00	3.00	3.00	67.00	.....	.....	2611D
Analysis ^{d a}	10.12	7.24	2.83	64.85	12.62	2.34	222S
Crimped Whole Oats	11.00	4.00	12.00	58.00	.....	.....	2611E
Analysis ^{d a}	14.85	4.29	8.82	57.44	10.78	3.82	221S
Midland Flour Milling Company, The, Kansas City, Missouri.							
Town Crier Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00	.....	.....	2326N
Analysis ²³⁹	17.36	4.00	6.26	55.06	13.03	4.29	220M
Midlothian Oil & Gin Company, Midlothian, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	.....	.....	502I
Analysis ^e	41.77	6.03	12.85	28.37	5.89	5.09	38W
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00	.....	.....	502I
Analysis	43.10	5.99	11.42	27.61	6.54	5.34	135T
Analysis ^{240 f e}	41.47	6.18	11.82	27.96	7.30	5.27	129W
Analysis ^{240 f e}	41.98	6.18	11.74	27.46	7.33	5.31	132W
Analysis	43.07	6.12	11.66	26.86	6.83	5.46	217W
Analysis	44.19	6.32	10.61	24.93	8.45	5.50	302W
Analysis	43.83	6.01	10.48	27.22	6.74	5.72	319W
Midco Egg Laying Mash with Minerals	19.50	3.70	6.00	48.00	.....	.....	502K
Analysis	21.16	4.87	5.64	48.79	9.91	9.63	215W
Midco Growing Mash with Minerals	19.00	3.50	5.50	51.00	.....	.....	502N
Analysis	21.77	5.18	5.43	50.92	8.84	7.86	216W
Midco Dairy Feed	23.00	4.40	10.50	43.00	.....	.....	502U
Analysis	23.75	5.33	10.32	40.43	11.70	8.47	377W
Midco Start-to-Finish Feed	19.00	3.50	7.00	49.00	.....	.....	502B7
Analysis	20.94	5.04	6.09	50.76	9.00	8.17	442W
Milhollin & Company, Dublin, Texas.							
Shamrock Egg Mash with Charcoal	20.00	3.50	8.00	49.00	.....	.....	1370A
Analysis ²⁴¹	20.78	5.59	6.24	49.83	9.41	8.15	128T
Analysis	20.83	4.71	6.24	52.45	9.61	6.16	449T
Analysis	19.53	5.01	5.49	54.76	8.80	6.41	157W
Shamrock Growing Mash	18.00	3.30	9.50	46.00	.....	.....	1370D
Analysis	19.13	5.12	4.90	52.59	11.46	6.80	401W
Shamrock Special Sweet Feed	12.00	2.50	16.00	46.00	.....	.....	1370G
Analysis ^{242 b}	10.12	1.50	21.90	46.29	14.41	5.78	270S
Analysis	13.95	2.50	17.48	48.06	11.08	6.93	459S
Analysis ²⁴³	9.96	2.21	23.87	45.18	11.71	7.07	32T
Analysis ²⁴⁴	10.69	1.50	16.24	49.87	15.95	5.75	187T
Analysis ²⁴⁵	11.35	1.66	19.73	46.14	15.21	5.91	250T
Analysis	14.00	2.23	15.68	48.01	13.27	6.81	304T
Analysis ²⁴⁵	11.80	2.56	23.36	46.29	9.30	6.69	68W
Ground Whole Oats	11.00	4.00	12.00	58.00	.....	.....	1370L
Analysis ²⁴⁶	9.46	3.36	19.09	53.11	8.06	6.92	129T
Analysis	12.70	5.07	11.95	56.29	9.85	4.14	386T
Shamrock Cow Feed	15.50	3.30	27.50	38.00	.....	.....	1370O
Analysis	12.65	3.51	21.97	48.54	10.07	3.26	311T
Analysis	13.55	3.57	23.98	40.83	9.09	8.98	155W
Ground Peanut Hay	.....	.....	.....	.....	.....	.....	.....
Analysis ^{f g h i}	8.64	2.30	23.01	47.05	8.92	10.08	80W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

239Wheat brown shorts and screenings.

240Replaced with 43% protein cottonseed meal. Amount returned blended with high-protein meal.

241Milo meal found, not claimed.

242Ground oat hulls found, not claimed. Tags incorrectly printed.

243Deficient in milo head chop. Excess ground peanut hulls present. Tags incorrectly printed.

244Tags incorrectly printed.

245Excess ground peanut hulls present. Tags incorrectly printed.

246Excess ground oat hulls present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Miller Company, A. F., Houston, Texas.							
45% Protein Peanut Meal.....	<i>45.00</i>	<i>6.00</i>	<i>10.00</i>	<i>23.00</i>	.....	.....	1777B
Analysis ^{b c}	43.16	7.97	12.45	22.59	9.66	4.17	260M
Analysis ^{b c}	43.59	4.41	12.87	25.36	9.63	4.14	261M
Minor, John A., O'Donnell, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	89C
Analysis ²⁴⁷	8.12	2.72	12.11	63.51	9.07	4.47	89C
Miracle Feed Mill, Bishop, Texas.							
Blue Border Brand 35.50% Protein Supplement with Charcoal for Hogs.	<i>35.50</i>	<i>4.60</i>	<i>7.00</i>	<i>24.00</i>	.....	.....	2076F
Analysis.....	30.42	7.01	7.20	24.68	7.88	22.81	154H
Analysis.....	34.95	6.33	8.76	25.21	7.72	17.03	229H
Blue Border Brand Hegari Heads, Stalks, and Stems with Molasses....	<i>5.60</i>	<i>1.30</i>	<i>14.50</i>	<i>57.20</i>	.....	.....	2076I
Analysis.....	5.80	1.12	14.48	56.71	13.67	8.22	362H
Blue Border Economy Brand Sweet Feed.....	<i>9.50</i>	<i>1.50</i>	<i>23.00</i>	<i>37.00</i>	.....	.....	2076K
Analysis.....	10.52	1.44	23.50	37.09	12.08	15.37	153H
Blue Border Brand Sweet-Mix.....	<i>11.00</i>	<i>2.50</i>	<i>8.50</i>	<i>57.00</i>	.....	.....	2076M
Analysis.....	12.35	1.72	12.04	44.71	12.38	16.80	361H
Mission Feed Company, San Antonio, Texas.							
Mission Laying Mash with Charcoal..	<i>18.00</i>	<i>3.50</i>	<i>7.80</i>	<i>50.00</i>	.....	.....	948C
Analysis.....	18.50	4.70	7.91	52.58	9.67	6.64	413H
Mission Provision Company, Inc., San Antonio, Texas.							
Economy Brand 50% Protein Meat and Bone Scraps.....	<i>50.00</i>	<i>8.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	1356A
Analysis.....	50.16	11.74	2.20	.03	5.65	30.22	110H
Analysis.....	51.60	12.07	2.61	.27	4.43	29.02	358H
Mitchell's Feed Store, Dallas, Texas.							
Mitchell's Best Cow Feed.....	<i>18.00</i>	<i>3.80</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	147B
Analysis ²⁴⁸	17.30	4.30	10.64	53.72	8.95	5.09	1R
Analysis.....	18.20	4.41	11.53	49.74	11.33	4.79	52R
Analysis.....	19.70	4.49	10.23	50.02	10.89	4.67	210T
Mitchell's Best Hen Scratch.....	<i>11.00</i>	<i>3.00</i>	<i>3.50</i>	<i>70.00</i>	.....	.....	147C
Analysis.....	11.10	2.57	2.17	69.92	11.95	2.29	53R
Moore & Company, James, Laredo, Texas.							
Wheat Bran and Screenings.....	<i>15.00</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	2545A
Analysis.....	17.09	4.60	10.56	52.71	8.59	6.45	432H
Moore Grain Company, F. B., Hamlin, Texas.							
Moore's Special Dairy Feed.....	<i>16.00</i>	<i>3.50</i>	<i>10.00</i>	<i>52.00</i>	.....	.....	711G
Analysis.....	18.39	3.99	8.96	52.51	9.67	6.48	335S
Moore's Hatchery, Waco, Texas.							
Moore's Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	.....	.....	1473A
Analysis.....	22.35	5.54	5.64	46.24	8.14	12.09	306W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁴⁷Excess corn cobs and corn husk.

²⁴⁸Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Mooreland, H. E., Goldthwaite, Texas.							
Mooreland Special Egg Mash.....	20.00	3.50	6.00	46.00	.....	.....	1915B
Analysis.....	18.93	4.50	6.46	50.69	7.04	12.38	490W
Morrison Milling Company, The, Denton, Texas.							
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00	.....	.....	8H
Analysis.....	16.44	4.36	11.10	50.18	11.21	6.71	286T
Analysis.....	17.78	4.47	10.11	49.36	11.84	6.44	290T
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00	.....	.....	8I
Analysis.....	19.55	4.41	5.32	53.41	12.49	4.82	329F
Analysis ^{249 b c}	18.58	4.26	7.45	52.52	11.81	5.38	327M
Analysis.....	19.41	4.27	6.18	53.53	11.83	4.78	328M
Analysis ^{249 c}	19.18	4.15	6.38	54.56	11.15	4.58	147T
Analysis ^{249 c}	17.80	5.06	7.41	52.98	11.97	4.78	222T
Analysis.....	18.80	4.08	6.05	54.27	12.41	4.39	411T
Analysis ^{249 c}	18.37	4.69	7.39	54.45	9.91	5.19	469T
Analysis ^{249 c}	18.65	4.37	6.46	53.04	12.06	5.42	223W
Analysis ^{249 c}	19.35	4.54	6.81	52.25	12.02	5.03	299W
Analysis.....	18.85	4.05	5.07	54.90	13.08	4.05	396W
Analysis.....	18.63	4.56	5.90	56.52	10.34	4.05	439W
Morrison Egg Mash.....	18.50	4.00	4.00	54.00	.....	.....	8N
Analysis.....	17.18	4.07	5.18	57.98	10.08	5.51	477W
Morten Milling Company, Dallas, Texas.							
Wheat Bran and Screenings.....	14.50	4.00	10.00	50.00	.....	.....	1696F
Analysis.....	17.19	4.53	11.23	51.50	8.60	6.95	503K
Analysis.....	16.87	3.84	8.84	53.04	11.23	6.18	348T
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	1696J
Analysis.....	18.70	3.83	5.40	55.56	12.50	4.01	3F
Analysis.....	19.95	4.15	5.63	54.57	11.49	4.21	81F
Analysis.....	18.57	4.42	5.16	55.75	12.16	3.94	177F
Analysis ^{250 c}	18.95	4.30	6.44	54.95	10.95	4.41	412F
Analysis.....	19.06	4.77	6.09	54.49	10.85	4.74	460F
Analysis.....	19.45	4.44	5.33	55.72	10.63	4.43	24K
Analysis.....	19.34	4.58	5.42	56.01	10.66	3.99	186K
Analysis.....	19.86	4.93	5.59	53.17	11.80	4.65	48R
Analysis.....	19.50	5.14	5.52	53.77	11.51	4.56	91R
Analysis.....	18.41	4.78	4.97	56.69	11.23	3.92	467S
Analysis.....	19.05	4.16	5.24	55.75	11.58	4.22	252T
Analysis.....	18.84	4.03	5.09	56.17	11.77	4.10	264T
Analysis ^{250 b c}	19.40	4.96	6.34	53.24	11.79	4.27	279W
Analysis ^{250 a c}	15.95	3.73	6.49	59.55	9.74	4.54	493W
Analysis ^{250 b c}	20.05	4.45	6.63	53.03	10.87	4.97	L
Morton Feed Store and Hatchery, Morton, Texas.							
Sun-Ray Brand Laying Mash.....	18.00	3.50	6.50	48.00	.....	.....	1093D
Analysis.....	19.22	4.70	5.57	50.65	10.05	9.81	119K
Moulton Farmers' Co-Operative Gin & Mill Company, Moulton, Texas.							
Moulton Chick Starter with Charcoal.	14.00	3.20	6.50	52.00	.....	.....	546A
Analysis.....	17.45	5.56	6.03	53.63	10.32	7.01	350H
Moulton Oil & Gin Company, Moulton, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	425B
Analysis.....	46.63	6.49	8.42	26.33	6.36	5.77	45H
Analysis.....	46.19	7.50	7.95	24.25	8.25	5.86	349H

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁴⁹Wheat brown shorts and screenings.

²⁵⁰Wheat brown shorts.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Mount Pleasant Oil Mill,							
Mount Pleasant, Texas.							
Cottonseed Hulls and Cottonseed Meal							
Meal	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>			265A
Analysis	12.59	2.74	34.61	40.34	6.17	3.55	278F
Analysis	11.95	2.34	34.74	40.77	6.56	3.64	321F
43% Protein Cottonseed Meal							
Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			265G
Analysis	42.00	6.06	11.89	27.40	6.87	5.78	50F
Analysis	42.98	6.19	11.00	26.84	7.07	5.92	102F
Analysis	42.67	6.06	10.39	27.99	6.90	5.99	173F
Mueller-Huber Grain Company,							
San Antonio, Texas.							
Sunshine Brand Special Cow Feed							
Feed	<i>19.00</i>	<i>3.20</i>	<i>9.50</i>	<i>48.00</i>			1407F
Analysis	20.54	3.28	8.08	48.87	13.29	5.94	248H
Analysis	19.64	3.21	8.27	51.47	11.19	6.22	416H
Muhco Mixed Feed							
Feed	<i>9.00</i>	<i>1.60</i>	<i>15.50</i>	<i>48.50</i>			1407L
Analysis	9.80	1.32	15.94	55.08	10.32	7.54	28H
Analysis	7.66	1.46	12.18	55.12	14.51	9.07	311H
Prosperity Brand Cow Feed							
Feed	<i>16.50</i>	<i>4.00</i>	<i>14.00</i>	<i>46.00</i>			1407P
Analysis	17.20	4.22	12.77	48.62	10.27	6.92	414H
Sunshine Brand All-Mash Starter with Minerals							
Starter	<i>16.80</i>	<i>3.60</i>	<i>5.00</i>	<i>52.00</i>			1407Q
Analysis	18.75	5.71	4.43	52.92	10.04	8.15	386H
Sunshine Brand Growing Mash with Minerals							
Mash	<i>16.50</i>	<i>3.60</i>	<i>6.00</i>	<i>54.00</i>			1407W
Analysis	17.03	5.64	5.05	55.61	8.59	8.08	441I
Sunshine Brand Big Seven Cow Feed							
Feed	<i>19.00</i>	<i>3.40</i>	<i>12.50</i>	<i>47.00</i>			1407A2
Analysis ²⁵¹	18.99	2.48	11.51	46.28	12.83	7.91	170H
Analysis	22.08	3.48	13.27	42.32	10.17	8.68	415H
Sunshine Brand Laying Mash with Minerals							
Mash	<i>18.00</i>	<i>3.60</i>	<i>6.00</i>	<i>50.00</i>			1407A9
Analysis	19.00	5.43	5.21	52.71	8.74	8.91	387H
Big Egg Brand Laying Mash							
Mash	<i>18.00</i>	<i>3.50</i>	<i>7.00</i>	<i>51.00</i>			1407B8
Analysis	18.90	6.45	8.12	52.13	8.39	6.01	29H
Chicks-Like-It Brand Starting Mash with Minerals							
Mash	<i>16.50</i>	<i>3.50</i>	<i>4.50</i>	<i>53.50</i>			1407D7
Analysis	17.70	4.39	4.16	54.59	10.98	8.18	310H
Mumme, R. T.,							
Houston, Texas.							
Non-Stop Laying Mash							
Mash	<i>18.50</i>	<i>3.50</i>	<i>6.50</i>	<i>50.00</i>			1820A
Analysis	21.10	5.20	4.67	48.45	10.75	9.83	202M
Sunrise Dairy Feed							
Feed	<i>17.50</i>	<i>6.00</i>	<i>15.00</i>	<i>40.00</i>			1820B
Analysis	19.83	9.95	12.75	40.87	8.61	7.99	391M
Non-Stop Dairy Feed							
Feed	<i>18.00</i>	<i>4.50</i>	<i>15.00</i>	<i>38.00</i>			1820G
Analysis	20.30	6.14	11.65	43.66	10.78	7.47	201M
Munger Cotton Oil Company,							
Mexia, Texas.							
Mocro Mixed Feed							
Feed	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.00</i>			40D
Analysis	11.50	1.67	42.04	34.08	7.07	3.64	84F
43% Protein Cottonseed Meal							
Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			40E
Analysis	43.79	6.03	10.35	26.99	7.19	5.65	15W
Analysis	45.52	7.39	8.85	25.56	7.08	5.60	114W
Analysis	42.83	6.69	10.76	26.99	7.37	5.36	198W
Analysis	42.29	6.22	11.69	26.93	7.38	5.49	290W
Analysis	44.03	6.21	10.23	25.51	8.50	5.52	367W
Munger Cotton Oil Company,							
Teague, Texas.							
43% Protein Cottonseed Meal							
Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			2518A
Analysis	42.82	6.60	10.98	26.61	7.55	5.44	158M
Analysis	44.57	6.34	10.02	27.03	6.49	5.55	20W
Analysis	43.65	6.18	10.22	27.03	7.57	5.35	112W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁵¹Ground peanut hay found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Munger Cotton Oil Company, Teague, Texas—Continued.							
43% Protein Cottonseed Meal—Cont.							
Analysis ^c	42.43	6.56	10.80	27.46	7.26	5.49	113W
Analysis	43.60	6.38	10.77	26.66	7.01	5.58	289W
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			2518B
Analysis	43.86	6.63	9.49	26.30	8.27	5.45	197W
Analysis	43.26	6.20	11.09	25.79	8.16	5.50	288W
Nacogdoches Oil Mill, The, Nacogdoches, Texas.							
Lone Star Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			564G
Analysis	42.68	7.03	10.64	26.78	6.99	5.88	63F
Analysis	42.94	6.92	10.85	27.42	6.33	5.54	126F
Analysis ^{252 f c}	41.11	6.50	13.03	26.97	6.91	5.48	294F
Analysis ^c	42.41	6.29	11.57	25.93	8.11	5.69	337F
Analysis ^c	41.98	6.17	12.20	27.28	7.02	5.35	430F
Analysis ^c	40.73	6.59	12.05	26.97	8.21	5.45	465F
Analysis	43.25	6.05	10.75	27.70	6.78	5.47	40M
Analysis ^{b c}	41.67	5.95	12.32	26.85	7.75	5.46	111M
Analysis	43.41	6.91	10.43	26.15	7.78	5.32	217M
Analysis ^c	41.50	6.31	12.16	27.00	7.65	5.38	426M
National Feed Store, Beaumont, Texas.							
Botex Dairy Feed	18.00	4.00	15.00	43.00			1807D
Analysis	18.04	5.05	14.72	46.14	10.18	5.87	114M
National Mills, Inc., Quincy, Illinois.							
41% Protein Soybean Oil Meal	41.00	4.50	7.00	30.00			1056A
Analysis	43.65	5.69	5.57	29.90	9.50	5.69	215H
Analysis	44.99	5.30	5.61	29.69	9.08	5.33	389H
Analysis	42.85	5.71	5.74	29.35	10.10	6.25	228M
Navarro Cotton Oil Company, Corsicana, Texas.							
Navarro Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			131H
Analysis ^c	41.25	5.17	12.35	29.58	6.18	5.47	32W
Analysis	42.46	5.70	11.56	28.70	6.29	5.29	120W
Analysis ^c	42.89	5.82	11.42	27.74	6.62	5.51	121W
Navarro Brand 43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00			131H
Analysis	42.65	5.28	12.00	27.86	6.80	5.41	287W
Nelson Produce Company, McGregor, Texas.							
Sunshine Laying Mash	19.00	3.60	8.00	45.00			1491A
Analysis	20.24	5.47	7.43	47.67	9.69	9.50	191W
Sunshine Growing Mash with Buttermilk, Charcoal, and Cod Liver Oil	17.20	4.00	6.00	51.00			1491C
Analysis	17.60	4.72	5.84	52.48	10.90	8.46	384W
Neumond Company, The, Saint Louis, Missouri.							
Neumond's Brewers' Dried Grains	21.00	6.00	18.00	40.00			1609A
Analysis ^a	21.04	5.94	18.00	42.76	8.91	3.35	466F
Analysis	23.10	6.23	17.12	41.77	8.34	3.44	125M
Analysis ^a	26.12	6.57	17.91	37.92	7.39	4.09	440S

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.²⁵²Replaced with 43% protein cottonseed meal. Amount returned used in manufacture of mixed feed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent					Registration or Inspection No.	
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture		Crude Ash
New Orleans Grain & Feed Company, Inc., New Orleans, Louisiana.							
Golden Calf Brand Brewers' Dried Grains	<i>20.00</i>	<i>5.00</i>	<i>18.00</i>	<i>40.00</i>	.....	.....	633A
Analysis	25.00	5.33	16.24	41.56	8.14	3.73	384H
Analysis	24.33	6.85	17.69	40.91	6.39	3.83	417M
Golden Calf Brand Brewers' Dried Grains and Distillers' Corn Dried Grains	<i>22.00</i>	<i>6.00</i>	<i>19.00</i>	<i>41.00</i>	.....	.....	633C
Analysis	23.68	6.84	17.99	41.28	6.78	3.43	397S
Nocona Oil Mill, Nocona, Texas.							
28% Protein Whole-Pressed Cottonseed	<i>28.00</i>	<i>5.00</i>	<i>23.00</i>	<i>29.00</i>	.....	.....	1854A
Analysis	29.48	5.71	22.01	32.26	6.16	4.38	146T
Analysis	29.00	6.45	20.48	34.18	5.36	4.53	263T
North Flour & Feed Company, Jeff, Waxahachie, Texas.							
Waxana Egg Mash	<i>18.50</i>	<i>3.60</i>	<i>7.00</i>	<i>47.00</i>	.....	.....	1067A
Analysis ²⁵³	17.29	4.65	4.70	56.99	8.52	7.85	36W
Ground Whole Oats	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	1067C
Analysis	11.59	5.19	11.76	55.79	10.28	5.39	523W
Corn Feed Meal	<i>8.00</i>	<i>3.00</i>	<i>3.00</i>	<i>67.00</i>	.....	.....	1067E
Analysis ^a	11.35	4.14	2.38	70.70	9.69	1.74	33W
Nox-All Feed Store, Dallas, Texas.							
Our-Own Brand Dairy Feed	<i>16.00</i>	<i>3.50</i>	<i>10.00</i>	<i>44.60</i>	.....	.....	642A
Analysis	17.70	4.14	10.35	48.69	10.99	8.13	45R
Analysis	17.20	3.80	11.84	51.50	8.79	6.87	102T
Nutrena Mills, Inc., Coffeyville, Kansas.							
Nutrena All-Mash Pellets	<i>15.00</i>	<i>4.00</i>	<i>6.00</i>	<i>50.00</i>	.....	.....	874H
Analysis ^{254 b}	16.51	4.40	7.84	55.00	9.95	6.30	394K
Triple V All-Mash Chick Ration	<i>16.00</i>	<i>4.00</i>	<i>5.50</i>	<i>55.00</i>	.....	.....	874U
Analysis	20.70	4.78	7.62	49.98	9.75	7.17	273T
Triple V Growing Mash	<i>16.50</i>	<i>3.60</i>	<i>7.80</i>	<i>52.00</i>	.....	.....	874D3
Analysis ²⁵⁵	17.55	5.05	5.91	53.29	11.48	6.72	370T
Nutty Brown Mills, Houston, Texas.							
35% Protein Cottonseed Meal Screenings	<i>35.00</i>	<i>5.00</i>	<i>18.00</i>	<i>30.00</i>	.....	.....	1547A
Analysis ^{d a}	35.63	5.07	16.65	30.60	6.98	5.07	257M
O'Daniel Feed Company, The W. Lee, Fort Worth, Texas.							
Hillbilly Poultry Fattener	<i>13.00</i>	<i>4.10</i>	<i>7.30</i>	<i>58.50</i>	.....	.....	1831M
Analysis	15.81	5.31	5.68	58.72	10.83	3.65	244T
Odessa Grain Company, Odessa, Texas.							
Odessa Preferred Brand Dairy Cow Feed	<i>25.00</i>	<i>4.50</i>	<i>11.00</i>	<i>42.00</i>	.....	.....	2384C
Analysis	28.78	5.45	8.31	45.79	5.79	5.88	9S
Odessa Economy Brand Dairy Cow Feed	<i>18.00</i>	<i>4.30</i>	<i>15.50</i>	<i>46.00</i>	.....	.....	2384D
Analysis	19.94	4.12	14.91	46.03	9.46	5.54	219S
Odessa Poultry Mash with Charcoal	<i>16.00</i>	<i>4.00</i>	<i>5.50</i>	<i>53.00</i>	.....	.....	2384G
Analysis	17.45	4.60	5.03	53.99	11.07	7.86	352S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁵³Milo meal found, not claimed.

²⁵⁴Tags incorrectly printed.

²⁵⁵Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Oil Mill & Fertilizer Works, Henderson, Texas.							
Rusco Brand Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>	.....	.....	124B
Analysis.....	<i>10.71</i>	<i>1.99</i>	<i>33.93</i>	<i>43.42</i>	6.57	3.38	44F
Analysis.....	<i>11.76</i>	<i>2.11</i>	<i>36.44</i>	<i>36.60</i>	5.83	7.26	112F
Analysis.....	<i>10.35</i>	<i>1.74</i>	<i>37.49</i>	<i>42.22</i>	5.05	3.15	159F
Analysis.....	<i>11.18</i>	<i>1.90</i>	<i>37.58</i>	<i>39.23</i>	6.62	3.49	415F
43% Protein Cracked Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	124C
Analysis.....	<i>42.96</i>	<i>6.22</i>	<i>10.29</i>	<i>26.60</i>	8.12	5.81	266F
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	124D
Analysis.....	<i>42.90</i>	<i>6.08</i>	<i>11.67</i>	<i>28.04</i>	5.98	5.33	45F
Analysis ^e	<i>39.58</i>	<i>5.97</i>	<i>13.49</i>	<i>27.88</i>	7.81	5.27	111F
Analysis ^e	<i>42.56</i>	<i>6.84</i>	<i>10.56</i>	<i>27.63</i>	6.97	5.44	161F
Analysis ^e	<i>42.14</i>	<i>7.42</i>	<i>10.64</i>	<i>26.52</i>	7.80	5.48	162F
Analysis ^e	<i>42.18</i>	<i>6.67</i>	<i>11.11</i>	<i>26.33</i>	8.00	5.71	265F
Analysis ^e	<i>41.97</i>	<i>6.37</i>	<i>11.59</i>	<i>27.24</i>	7.39	5.44	416F
Analysis ^e	<i>41.55</i>	<i>6.80</i>	<i>11.56</i>	<i>26.27</i>	8.38	5.44	456F
Analysis.....	<i>43.70</i>	<i>6.98</i>	<i>10.30</i>	<i>25.64</i>	7.52	5.86	M
Rusco 24% Protein Dairy Feed.....	<i>24.00</i>	<i>4.00</i>	<i>11.00</i>	<i>41.50</i>	.....	.....	124G
Analysis.....	<i>24.75</i>	<i>5.14</i>	<i>10.55</i>	<i>41.42</i>	10.21	7.93	365F
Rusco 12% Protein Cow Feed.....	<i>12.00</i>	<i>4.00</i>	<i>12.00</i>	<i>50.00</i>	.....	.....	124K
Analysis.....	<i>12.80</i>	<i>4.15</i>	<i>11.60</i>	<i>51.88</i>	12.41	7.16	366F
Champion Brand Horse and Mule Feed, Heavy with Oats.....	<i>11.00</i>	<i>4.40</i>	<i>9.00</i>	<i>54.00</i>	.....	.....	124Q
Analysis.....	<i>12.90</i>	<i>4.98</i>	<i>10.31</i>	<i>53.16</i>	11.66	6.99	409F
Okeene Milling Company, Okeene, Oklahoma.							
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	153D
Analysis.....	<i>16.62</i>	<i>4.59</i>	<i>9.41</i>	<i>51.19</i>	10.26	7.93	461M
Okeene Brand Egg Mash with Charcoal and Manganese Sulphate.....	<i>18.00</i>	<i>3.50</i>	<i>8.00</i>	<i>48.50</i>	.....	.....	153H
Analysis ²⁵⁶	<i>17.97</i>	<i>4.52</i>	<i>5.87</i>	<i>53.91</i>	9.76	7.97	465K
Wheat Gray Shorts and Screenings.....	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	153Q
Analysis ²⁵⁷	<i>17.65</i>	<i>4.22</i>	<i>6.22</i>	<i>56.11</i>	11.13	4.67	373F
Analysis ²⁵⁷ ^e	<i>17.02</i>	<i>4.63</i>	<i>6.96</i>	<i>56.51</i>	9.83	5.05	539K
Okeene Brand All-Mash Starter with Charcoal and Manganese Sulphate.....	<i>18.00</i>	<i>4.00</i>	<i>7.00</i>	<i>51.00</i>	.....	.....	153S
Analysis.....	<i>18.92</i>	<i>4.23</i>	<i>6.15</i>	<i>50.18</i>	10.68	9.84	395K
O. K. Service Station, Mansfield, Texas.							
Ground Whole Barley.....	<i>11.00</i>	<i>1.50</i>	<i>6.00</i>	<i>65.00</i>	.....	.....	1819C
Analysis ^{d a}	<i>11.56</i>	<i>1.92</i>	<i>6.85</i>	<i>66.39</i>	10.10	3.18	462W
Ground Wheat and Ground Whole Oats.....	<i>11.50</i>	<i>2.30</i>	<i>5.00</i>	<i>67.50</i>	.....	.....	1819E
Analysis ^{d a}	<i>11.49</i>	<i>3.13</i>	<i>5.62</i>	<i>65.78</i>	11.12	2.86	463W
Opelousas Oil Mill, Opelousas, Louisiana.							
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1923C
Analysis ^{d a}	<i>45.19</i>	<i>8.05</i>	<i>11.19</i>	<i>22.63</i>	6.69	6.25	116M
O. R. A. Feeding Yeast Company, Oklahoma City, Oklahoma.							
Corn Meal, Wheat Gray Shorts, Iron Oxide, Cane Sugar and Yeast Culture.....	<i>11.00</i>	<i>3.00</i>	<i>4.00</i>	<i>64.00</i>	.....	.....	1589A
Analysis ^e	<i>13.60</i>	<i>3.52</i>	<i>3.76</i>	<i>65.84</i>	9.53	3.75	1589A
O. R. A. Feeding Yeast Culture.....	<i>11.00</i>	<i>3.00</i>	<i>4.00</i>	<i>64.00</i>	.....	.....	1589A
Analysis.....	<i>13.50</i>	<i>4.20</i>	<i>3.40</i>	<i>64.16</i>	11.59	3.15	375T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁵⁶Deficient in salt.²⁵⁷Wheat brown shorts and screenings.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Otis Gin & Warehouse Company, Loving, New Mexico.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1426A
Analysis.....	<i>42.35</i>	<i>5.35</i>	<i>11.37</i>	<i>28.29</i>	7.14	5.50	82S
Analysis.....	44.13	6.45	10.02	25.52	8.22	5.66	144S
Analysis.....	44.38	6.48	9.94	27.24	6.06	5.90	353S
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1426B
Analysis.....	<i>43.45</i>	<i>6.32</i>	<i>10.03</i>	<i>27.96</i>	6.56	5.68	143S
Packard Milling Company, Hereford, Texas.							
Wheat Mixed Feed and Screenings...	<i>16.50</i>	<i>3.50</i>	<i>8.50</i>	<i>52.00</i>	.....	.....	211A
Analysis.....	<i>18.35</i>	<i>3.93</i>	<i>7.38</i>	<i>52.71</i>	11.62	6.01	214K
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	211B
Analysis.....	<i>17.65</i>	<i>3.89</i>	<i>8.34</i>	<i>52.11</i>	12.13	5.88	212K
Wheat Mixed Feed, Corn Bran, and Wheat Screenings.....	<i>15.00</i>	<i>3.40</i>	<i>8.50</i>	<i>52.00</i>	.....	.....	211J
Analysis.....	<i>18.10</i>	<i>4.25</i>	<i>7.35</i>	<i>53.41</i>	11.70	5.19	138K
Analysis.....	<i>18.04</i>	<i>4.22</i>	<i>7.51</i>	<i>54.37</i>	10.11	5.75	378K
Blue Dot Laying Mash with Charcoal.	<i>19.00</i>	<i>3.60</i>	<i>6.50</i>	<i>46.00</i>	.....	.....	211L
Analysis.....	<i>21.41</i>	<i>4.24</i>	<i>6.19</i>	<i>49.21</i>	8.68	10.27	522K
Blue Dot All-Mash Chick Starter.....	<i>16.00</i>	<i>3.60</i>	<i>4.00</i>	<i>54.00</i>	.....	.....	211M
Analysis.....	<i>18.18</i>	<i>4.67</i>	<i>4.38</i>	<i>55.99</i>	10.08	6.70	377K
Green Dot Laying Mash.....	<i>19.00</i>	<i>3.60</i>	<i>8.00</i>	<i>45.00</i>	.....	.....	211P
Analysis.....	<i>21.83</i>	<i>5.49</i>	<i>7.59</i>	<i>47.12</i>	9.25	8.72	211K
Blue Dot All-Mash Chick Grower.....	<i>16.00</i>	<i>3.30</i>	<i>7.00</i>	<i>55.00</i>	.....	.....	211R
Analysis.....	<i>18.06</i>	<i>4.50</i>	<i>6.01</i>	<i>54.39</i>	9.46	7.58	441K
Palecek Mills, Enid, Oklahoma.							
Economy Brand Egg Mash.....	<i>18.50</i>	<i>3.50</i>	<i>8.00</i>	<i>45.00</i>	.....	.....	1399A7
Analysis.....	<i>19.84</i>	<i>4.53</i>	<i>7.89</i>	<i>48.98</i>	8.89	9.87	330K
Palestine Grain Company, Palestine, Texas.							
Magnolia 5 Egg Mash.....	<i>19.00</i>	<i>3.70</i>	<i>8.00</i>	<i>46.00</i>	.....	.....	1442A
Analysis.....	<i>19.80</i>	<i>5.08</i>	<i>7.52</i>	<i>46.58</i>	10.53	10.49	228F
Analysis.....	<i>19.60</i>	<i>4.39</i>	<i>6.74</i>	<i>49.41</i>	9.89	9.97	298F
Analysis.....	<i>21.18</i>	<i>5.11</i>	<i>8.13</i>	<i>46.75</i>	8.47	10.36	24W
Hominy Feed.....	<i>10.00</i>	<i>6.00</i>	<i>7.00</i>	<i>60.00</i>	.....	.....	1442P
Analysis.....	<i>12.01</i>	<i>7.35</i>	<i>7.49</i>	<i>60.74</i>	9.52	2.89	427W
Magnolia Special Egg Mash.....	<i>19.00</i>	<i>4.00</i>	<i>8.00</i>	<i>50.00</i>	.....	.....	1442Z
Analysis.....	<i>19.50</i>	<i>4.58</i>	<i>7.79</i>	<i>50.38</i>	10.34	7.41	343F
Magnolia Growing Mash with Butter- milk.....	<i>16.70</i>	<i>3.50</i>	<i>6.00</i>	<i>52.00</i>	.....	.....	1442A2
Analysis.....	<i>18.03</i>	<i>4.90</i>	<i>5.35</i>	<i>52.37</i>	11.36	7.99	344F
Palestine Oil Mill & Fertilizer Company, Palestine, Texas.							
Sweet Mixed Feed.....	<i>12.00</i>	<i>2.00</i>	<i>32.00</i>	<i>32.50</i>	.....	.....	820B
Analysis.....	<i>13.44</i>	<i>2.63</i>	<i>26.92</i>	<i>37.70</i>	11.32	7.99	363W
Pampa Milling Company, Pampa, Texas.							
Harvester 24% Protein Dairy Feed..	<i>24.00</i>	<i>4.00</i>	<i>12.50</i>	<i>39.00</i>	.....	.....	1418F
Analysis ²⁵⁸	<i>22.79</i>	<i>3.77</i>	<i>11.75</i>	<i>43.70</i>	8.62	9.37	81K
Paris Milling Company, Paris, Texas.							
Wheat Gray Shorts and Screenings...	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	9D
Analysis ²⁵⁹	<i>17.30</i>	<i>4.38</i>	<i>6.30</i>	<i>56.19</i>	12.12	3.71	193F
Plymouth Brand Laying Mash.....	<i>18.50</i>	<i>3.50</i>	<i>8.00</i>	<i>47.80</i>	.....	.....	9E
Analysis.....	<i>20.51</i>	<i>5.31</i>	<i>6.53</i>	<i>50.19</i>	10.73	6.73	354F
Analysis.....	<i>21.23</i>	<i>5.08</i>	<i>6.13</i>	<i>52.36</i>	8.66	6.54	400F

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁵⁸Excess ground limestone present.

²⁵⁹Wheat brown shorts and screenings.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Paris Milling Company, Paris, Texas—Continued.							
Special X Dairy Feed	20.00	3.70	10.80	43.00	12.35	7.06	9U
Analysis	18.55	3.89	9.15	49.00	11.53	6.54	144F
Analysis	20.70	4.32	10.06	46.85	11.53	6.54	194F
Special X Baby Chick Starter with Buttermilk, Charcoal, and Cod Liver Oil	15.30	4.00	5.00	43.40	11.09	4.79	9Y
Analysis	17.72	5.06	4.82	56.52	11.09	4.79	304F
Special X Laying Mash with Charcoal	19.80	3.80	7.90	45.00	9.02	6.85	9A2
Analysis	22.80	5.91	5.42	46.21	8.80	10.86	28F
Analysis	21.65	5.38	5.58	47.09	10.41	9.89	143F
Analysis	21.39	5.56	5.89	46.64	10.30	10.22	370W
Special A Dairy Feed	18.00	3.00	11.50	43.00	8.10	7.48	9A3
Analysis	18.20	4.38	10.72	51.12	8.10	7.48	27F
Alfalfa Meal and Molasses	10.70	1.20	27.00	41.00	14.82	9.22	9A7
Analysis	11.00	1.25	16.48	47.23	14.82	9.22	145F
Paul's Flour & Feed, El Paso, Texas.							
Paul's Baby Chick Starter Mash with Charcoal	17.50	3.80	6.00	52.00	9.94	6.03	1143G
Analysis	19.67	4.99	4.22	55.15	9.94	6.03	295S
Paul's Growing Mash with Charcoal	16.00	3.50	7.50	53.00	9.02	6.85	1143H
Analysis	18.05	4.90	5.94	55.24	9.02	6.85	363S
Paul's Laying Mash with Charcoal	18.00	3.60	7.20	50.00	8.73	7.40	1143I
Analysis	18.65	5.65	5.37	54.20	8.73	7.40	434S
Paul's Dairy Feed	18.50	3.80	9.00	48.00	7.02	7.24	1143L
Analysis	19.60	4.94	7.73	53.47	7.02	7.24	399S
Paul's Competitor Brand Laying Mash with Buttermilk	18.00	3.50	7.00	46.50	7.49	9.23	1143N
Analysis	20.40	5.61	6.76	50.51	7.49	9.23	22S
Paul's Fifteen-Day Brand Poultry Fattener with Buttermilk and Charcoal	13.00	3.50	5.00	62.00	8.75	3.14	1143P
Analysis	15.01	4.38	3.25	65.47	8.75	3.14	362S
Pecos Valley Alfalfa Mill Company, Hagerman, New Mexico.							
Alfalfa Meal	13.00	1.50	33.00	35.00	7.55	8.63	112A
Analysis ^a	13.24	1.67	30.86	38.05	7.55	8.63	68F
Analysis	14.00	1.59	30.71	36.74	7.56	9.40	346F
Analysis	12.92	1.48	32.93	37.03	7.73	7.91	145M
Peevee Alfalfa Leaf Meal	26.00	2.50	18.00	40.00	7.95	11.37	112E
Analysis	20.70	2.30	18.78	38.96	7.95	11.37	183F
Analysis	18.90	2.30	17.40	39.98	10.65	10.77	146M
Analysis	21.22	1.94	16.87	38.06	10.14	11.77	370M
Analysis ^f	20.00	2.58	16.58	41.77	8.51	10.56	56W
Peerless Milling Company, Amarillo, Texas.							
Peerless Brand Alfalfa Meal and Molasses	11.00	1.20	26.00	42.00	9.61	12.15	2077I
Analysis	12.60	1.59	20.07	43.98	9.61	12.15	54K
Analysis ²⁶⁰	10.34	1.78	25.14	45.20	9.14	8.40	478K
Peerless Brand Milo Chop and Molasses	8.00	1.80	2.50	67.50	13.00	4.31	2077J
Analysis ^a	10.82	1.84	2.76	67.27	13.00	4.31	534K
Analysis ^{a261}	11.43	2.06	2.40	67.70	11.95	4.46	536K
Peerless Brand 18% Protein Dairy Feed	18.00	3.30	10.50	41.00	9.63	11.25	2077T
Analysis	19.32	3.11	12.39	44.30	9.63	11.25	137K
Analysis ²⁶²	16.83	3.31	11.82	49.09	9.53	9.42	450K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

260Ground milo heads, milo chop, wheat chop and ground weed seed present.

261Ground whole barley present.

262Deficient in cottonseed meal. Alfalfa stem meal found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Peerless Milling Company, Amarillo, Texas—Continued.							
Peerless Brand 16% Protein Dairy Feed	<i>16.00</i>	<i>3.50</i>	<i>13.00</i>	<i>45.00</i>	.....	.....	2077A1
Analysis	18.38	2.78	12.81	47.29	8.76	9.98	333K
Peerless Brand All-Mash Chick Starter	<i>16.50</i>	<i>3.60</i>	<i>5.00</i>	<i>54.00</i>	.....	.....	2077A6
Analysis ²⁶³	17.71	4.11	5.25	55.93	8.77	8.23	451K
Peerless Brand Fulfeed	<i>12.00</i>	<i>2.00</i>	<i>16.00</i>	<i>49.00</i>	.....	.....	2077B1
Analysis	14.12	1.91	15.02	49.48	8.52	10.95	82K
Peerless Brand 24% Protein Dairy Feed	<i>24.00</i>	<i>4.00</i>	<i>12.00</i>	<i>41.00</i>	.....	.....	2077B6
Analysis	20.78	4.45	13.71	43.49	8.05	9.52	527K
Peerless Reliance Brand Egg Mash	<i>18.00</i>	<i>3.50</i>	<i>7.80</i>	<i>50.00</i>	.....	.....	2077B7
Analysis ²⁶⁴	19.00	3.74	6.14	53.36	9.74	8.02	384K
Penick & Ford, Ltd., Inc., Cedar Rapids, Iowa.							
Douglas Corn Gluten Feed	<i>25.00</i>	<i>1.50</i>	<i>8.50</i>	<i>47.00</i>	.....	.....	1224A
Analysis ^a	26.73	2.33	7.12	46.59	9.79	7.44	353T
Sweetened Douglas Corn Gluten Feed	<i>20.00</i>	<i>1.00</i>	<i>7.00</i>	<i>53.00</i>	.....	.....	1224D
Analysis ^d	23.14	2.06	6.39	50.94	9.67	7.80	34M
Peoples Cotton Oil Company, Wharton, Texas.							
43% Protein Cottonseed Meal	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	496C
Analysis ^c	42.20	7.41	11.04	25.25	8.18	5.92	364M
25% Protein Whole-Pressed Cottonseed	<i>25.00</i>	<i>5.00</i>	<i>25.00</i>	<i>29.00</i>	.....	.....	496L
Analysis	29.79	7.15	22.46	29.95	6.14	4.51	224M
Perryton Equity Exchange, Perryton, Texas.							
Whole Barley Chop	<i>11.00</i>	<i>1.50</i>	<i>6.00</i>	<i>65.00</i>	.....	.....	2355B
Analysis	14.62	2.05	7.85	62.29	9.10	4.09	533K
Equity Brand Egg Mash	<i>18.00</i>	<i>3.50</i>	<i>7.00</i>	<i>48.00</i>	.....	.....	2355L
Analysis	21.74	4.64	5.07	48.30	9.36	10.89	150K
Dairy Feed	<i>15.00</i>	<i>3.00</i>	<i>10.00</i>	<i>52.00</i>	.....	.....	2355M
Analysis	19.13	3.46	9.43	51.55	8.90	7.53	531K
Star Brand Chick Mash	<i>17.00</i>	<i>3.50</i>	<i>6.00</i>	<i>50.00</i>	.....	.....	2355Q
Analysis ²⁶⁵	20.59	3.77	5.83	53.04	8.14	8.63	461K
Star Brand Growing Mash	<i>17.50</i>	<i>3.50</i>	<i>6.50</i>	<i>49.00</i>	.....	.....	2355R
Analysis	19.30	4.35	5.99	51.10	10.06	9.20	462K
Perryton Milling Company, Perryton, Texas.							
Milo Chop	<i>10.00</i>	<i>2.50</i>	<i>3.00</i>	<i>70.00</i>	.....	.....	2562B
Analysis ^a	13.48	3.45	1.99	68.15	10.62	2.31	535K
Wheat Mixed Feed and Screenings	<i>17.00</i>	<i>3.50</i>	<i>8.50</i>	<i>52.00</i>	.....	.....	2562F
Analysis ^c	20.26	2.89	5.32	56.05	11.29	4.19	255K
Peyton Packing Company, El Paso, Texas.							
Peyton's 50% Protein Meat and Bone Scraps	<i>50.00</i>	<i>6.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	1564C
Analysis ^e	41.32	17.40	1.82	1.96	4.57	32.93	225S
Analysis ^{266f e}	48.52	15.87	2.22	.38	5.06	27.95	297S
Analysis	53.13	14.22	2.31	1.05	5.07	24.22	358S
Analysis	54.56	16.27	2.10	.13	4.46	22.48	439S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁶³Excess ground oyster shell found. Deficient in salt.

²⁶⁴Milo meal found, not claimed.

²⁶⁵Deficient in ground limestone and salt.

²⁶⁶Replaced with 50% protein meat and bone scraps.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Pfeffer Rice Milling Company, Inc., Houston, Texas.							
Rice Bran containing Precipitated Carbonate of Lime.....	<i>11.00</i>	<i>10.00</i>	<i>15.00</i>	<i>42.00</i>	.....	.....	1352A
Analysis ²⁶⁷	12.51	12.63	13.78	37.95	8.38	14.75	11M
Analysis.....	12.10	13.36	15.16	35.61	10.22	13.55	266M
Analysis ²⁶⁸	12.15	14.12	16.91	33.15	7.99	15.68	500W
Pharr Equity Exchange, Pharr, Texas.							
Home Brew Dairy Feed.....	<i>15.00</i>	<i>3.00</i>	<i>14.00</i>	<i>54.50</i>	.....	.....	1251H
Analysis ²⁶⁹	16.28	4.47	18.59	46.64	9.70	4.32	162H
Phenix & Recknor, Gunter, Texas.							
Sure-Shot Brand All-Mash Chick Starter.....	<i>16.50</i>	<i>3.50</i>	<i>5.00</i>	<i>54.50</i>	.....	.....	799A
Analysis.....	18.08	4.93	3.99	55.79	10.63	6.58	357T
Sure-Shot Brand Growing Mash.....	<i>17.20</i>	<i>3.50</i>	<i>8.30</i>	<i>50.60</i>	.....	.....	799B
Analysis.....	17.60	4.40	7.45	52.65	11.10	6.80	358T
Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	.....	.....	799C
Analysis.....	21.52	5.01	6.91	48.42	8.10	10.04	87T
Phillips Mill, Belton, Texas.							
Corn Bran.....	<i>8.00</i>	<i>5.00</i>	<i>12.00</i>	<i>60.00</i>	.....	.....	2038D
Analysis.....	9.20	4.64	13.29	63.31	7.83	1.73	497W
Pilgreen, J. J., Fort Worth, Texas.							
Four-in-One Laying Mash.....	<i>18.00</i>	<i>3.50</i>	<i>7.00</i>	<i>51.00</i>	.....	.....	934B
Analysis.....	19.89	4.77	9.15	49.91	7.39	8.89	439T
Pilley and Sons, Inc., Frank, Omaha, Nebraska, and Branches.							
Farmland Lried Buttermilk.....	<i>30.00</i>	<i>5.00</i>	<i>1.00</i>	<i>40.00</i>	.....	.....	2363A
Analysis.....	34.61	7.26	.08	35.45	12.57	10.03	2363A
Analysis.....	33.45	7.75	.24	41.44	6.28	10.84	353H
Analysis ^{d a}	34.30	6.00	.21	42.09	6.09	11.31	241M
Farmland Condensed Buttermilk with Cod Liver Oil and Lactoflavin for Poultry and Hogs.....	<i>9.00</i>	<i>3.00</i>	<i>1.00</i>	<i>10.00</i>	.....	.....	2363B
Analysis.....	10.83	2.53	.09	9.73	73.52	3.30	2363B
Farmland Condensed Buttermilk for Fatteners.....	<i>9.00</i>	<i>2.00</i>	<i>1.00</i>	<i>10.00</i>	.....	.....	2363D
Analysis.....	9.95	4.15	.23	9.18	72.67	3.82	278H
Pillsbury Flour Mills Company, Minneapolis, Minnesota, and Branches.							
Pillsbury's Wheat Gray Shorts.....	<i>16.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	70A
Analysis.....	18.94	4.97	5.98	54.35	11.61	4.15	106T
Analysis ^{270 b}	17.45	4.51	5.38	57.36	11.07	4.23	411W
Pillsbury's Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.50</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	70B
Analysis.....	16.61	3.90	10.39	49.55	13.06	6.49	247K
Analysis.....	16.30	3.96	11.27	52.04	9.81	6.62	74T
Analysis ^{270 b}	17.55	4.68	9.47	52.04	9.72	6.54	412W
Palisade All-Mash Starting and Growing Feed with Charcoal and Manganese Sulphate.....	<i>18.00</i>	<i>4.00</i>	<i>6.50</i>	<i>50.00</i>	.....	.....	70D
Analysis.....	18.70	5.17	5.97	54.19	9.76	6.21	425T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁶⁷Excess carbonate of lime found.²⁶⁸Excess ground rice hulls present.²⁶⁹Ground milo head stems claimed, not found. Ground peanut hulls found, not claimed.²⁷⁰Blank tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Pillsbury Flour Mills Company, Minneapolis, Minnesota, and Branches—Continued.							
Palisade Sweet Dairy Feed with Molasses.....	16.00	3.00	12.00	50.00	.....	.....	70Y
Analysis ^a	17.61	2.75	7.49	52.89	11.33	7.93	362F
Feed 'Em Egg Mash Pellets with Manganese Sulphate.....	18.00	4.00	8.00	53.00	.....	.....	70Z
Analysis.....	19.46	4.67	6.20	53.45	8.33	7.89	468M
Pillsbury's Turkey Laying Mash with Charcoal and Sulphur.....	20.00	4.00	6.00	50.00	.....	.....	70A4
Analysis.....	21.67	5.39	4.37	51.68	10.08	6.81	257W
Feed 'Em Egg Mash.....	18.00	3.80	7.00	46.00	.....	.....	70C4
Analysis.....	19.46	5.07	7.13	50.12	9.63	8.59	150S
Pillsbury's Sweet Roughage Feed.....	9.00	2.00	15.00	53.00	.....	.....	161T
Analysis.....	12.15	2.50	9.43	54.56	11.23	10.13	70C6
Feed 'Em 16% Protein Dairy Feed.....	16.00	3.00	10.00	52.00	.....	.....	31F
Analysis.....	16.10	2.12	10.67	47.76	11.98	11.37	70D8
Pillsbury's Five Point Laying Mash.....	18.00	3.50	8.00	47.50	.....	.....	151S
Analysis.....	20.13	4.53	7.93	50.10	8.63	8.68	70E7
Analysis ^e	18.10	4.65	8.09	51.52	9.52	8.12	32F
Pillsbury's Five Point Laying Mash with Manganese Sulphate.....	18.00	3.50	8.50	47.50	.....	.....	91F
Analysis.....	19.72	4.66	7.32	50.65	8.59	9.06	70E7
Analysis.....	19.50	4.86	7.78	51.74	8.42	7.70	363F
Pillsbury's Turkey Finisher with Minerals.....	18.00	4.00	7.00	55.00	.....	.....	454H
Analysis ^{270 a b}	19.36	4.91	5.84	57.28	7.81	4.80	70F7
Pincoffs Company, Maurice, Houston, Texas.							
Pinco Brand 43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1244A
Analysis ²⁷¹	37.20	6.09	15.11	29.44	7.30	4.86	37M
Analysis ^e	42.19	5.72	10.87	27.50	8.00	5.72	187M
Pinkney Packing Company, Amarillo, Texas.							
50% Protein Digester Tankage with Bone.....	50.00	5.00	3.00	0.00	.....	.....	2372C
Analysis.....	54.36	16.88	1.25	.66	4.99	21.86	47K
Pioneer Flour Mills, San Antonio, Texas.							
Wheat Gray Shorts.....	17.00	4.00	6.00	55.00	.....	.....	129F
Analysis.....	17.52	4.08	5.16	58.85	10.50	3.89	455H
Texas Pioneer Baby Chick Starter with Iron Oxide.....	17.50	4.00	7.00	50.00	.....	.....	129I
Analysis.....	19.39	5.79	4.45	53.06	9.13	8.18	419W
Texas Pioneer 5 Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	129N
Analysis.....	21.10	5.36	6.01	47.17	8.73	11.63	320H
Texas Pioneer Cow Feed.....	11.00	2.50	20.00	47.00	.....	.....	129P
Analysis.....	13.05	3.20	15.96	48.99	12.75	6.05	343H
Pittsburg Cotton Oil Company, Pittsburg, Texas.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....	580A
Analysis.....	43.01	7.23	9.92	27.01	6.92	5.91	104F
Analysis.....	43.24	7.41	10.65	26.83	5.94	5.93	202F
Bull's Eye Brand Mixed Feed.....	11.00	1.60	42.50	29.00	.....	.....	580G
Analysis.....	8.15	1.60	37.48	42.18	7.56	3.03	203F
Analysis.....	9.84	2.61	37.87	38.61	7.73	3.34	274F
Analysis.....	11.80	2.27	35.84	39.78	7.07	3.24	419F

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁷⁰Blank tags attached.

²⁷¹Excess cottonseed hulls present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Pittsburg Plate Glass Company, Red Wing, Minnesota.							
Red Wing 34% Protein Old Process Linseed Meal.....	<i>34.00</i>	<i>4.50</i>	<i>9.00</i>	<i>32.00</i>	.....	.....	871B
Analysis ^a	40.02	4.31	7.68	33.11	9.10	5.78	80K
Plains Cooperative, Inc., Plainview, Texas.							
Chick Growing Mash.....	<i>17.50</i>	<i>3.20</i>	<i>6.00</i>	<i>49.00</i>	.....	.....	598K
Analysis ²⁷²	19.14	3.91	4.63	55.12	9.37	7.83	373K
Plains Cooperative Oil Mill, Lubbock, Texas.							
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1476A
Analysis ^{273 b c}	42.48	8.24	8.70	29.22	5.53	5.83	226K
Analysis ^c	40.62	7.56	10.08	29.13	7.05	5.56	295K
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1476B
Analysis ^c	41.69	7.43	9.81	29.37	5.96	5.74	230K
Analysis.....	42.55	7.45	8.90	28.68	6.61	5.81	278K
Analysis ^c	42.18	7.63	10.18	27.98	6.64	5.39	296K
Analysis.....	44.31	7.99	9.16	26.00	6.40	6.14	366K
Plains Grain & Seed Company, Texico, New Mexico.							
Zip Dairy Feed.....	<i>20.00</i>	<i>3.50</i>	<i>10.00</i>	<i>47.00</i>	.....	.....	868A
Analysis ²⁷⁴	21.48	4.25	8.85	50.18	8.33	6.91	439K
Plains Mill & Elevator Company, Inc., Silverton, Texas.							
Dynamite Brand Chick Starter.....	<i>16.00</i>	<i>3.00</i>	<i>5.50</i>	<i>53.00</i>	.....	.....	2510K
Analysis.....	18.56	3.74	3.42	56.24	10.47	7.57	417K
Planters Cotton Oil Company, Weatherford, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2625A
Analysis ^c	42.16	8.33	10.53	25.33	8.03	5.62	453T
Planters Cotton Oil Company of Dallas, Dallas, Texas.							
Golden Rod Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1850J
Analysis ^c	42.15	6.01	11.38	26.67	7.72	6.07	19R
Analysis ^c	41.77	7.56	11.91	25.95	6.93	5.88	34R
Analysis ^c	42.05	6.75	9.70	28.98	6.88	5.64	41R
Analysis ^c	41.91	5.56	12.60	27.45	6.90	5.58	94R
Analysis ^c	41.71	6.37	11.75	27.67	6.73	5.77	13T
Analysis ^c	42.41	6.18	11.20	25.10	8.54	6.57	97T
Analysis ^c	40.60	7.30	11.61	27.50	7.32	5.67	142T
Analysis ^c	40.56	5.91	12.51	26.52	8.35	6.15	159T
Analysis.....	42.96	6.26	11.20	26.41	7.33	5.84	341T
Planters Cotton Oil Mill, Ennis, Texas.							
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2343F
Analysis ²⁷⁵	43.35	6.05	11.16	27.12	6.55	5.77	19T
Analysis ²⁷⁵	43.43	5.77	10.85	28.32	5.97	5.66	34W
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2343H
Analysis.....	44.62	6.57	9.96	26.56	6.50	5.79	122W
Analysis.....	43.80	7.23	10.15	26.83	6.39	5.60	125W
Analysis.....	43.35	6.71	10.96	26.14	6.88	5.96	206W
Analysis.....	44.18	7.05	10.59	25.08	7.05	6.05	298W
Analysis.....	44.75	6.21	10.37	25.96	6.82	5.89	320W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁷²Tags incorrectly printed.

²⁷³Cottonseed meal.

²⁷⁴Obsolete tags attached.

²⁷⁵Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Planters Cotton Oil Mill, Ennis, Texas—Continued.							
Planco Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>	.....	.....	2343J
Analysis.....	11.60	2.17	34.88	40.94	5.96	4.45	372W
Pleasant Valley Feed Store, Amarillo, Texas.							
Pleasant Valley Dairy Feed.....	<i>18.50</i>	<i>3.60</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	694A
Analysis.....	22.15	4.61	8.44	48.29	10.01	6.50	248K
Pleasant Valley Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	.....	.....	694B
Analysis.....	21.96	5.81	7.13	46.64	8.21	10.25	140K
Ponca City Milling Company, Inc., Ponca City, Oklahoma.							
Wheat Gray Shorts and Screenings...	<i>16.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	1466A
Analysis ^{276 b c}	17.00	3.90	6.64	57.87	10.54	4.05	155F
Analysis.....	17.30	4.56	5.45	57.77	10.95	3.97	394M
Analysis ^{276 c}	16.52	3.92	7.13	57.11	10.87	4.45	314T
Analysis ^{276 c}	16.02	3.76	7.37	56.88	11.82	4.15	202W
Port City Packing Company, Houston, Texas.							
Big State Brand 50% Protein Meat and Bone Scraps.....	<i>50.00</i>	<i>6.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	1500A
Analysis ^e	47.35	18.34	5.26	5.13	7.79	16.13	3M
Analysis ^e	48.28	15.16	4.35	4.80	8.10	19.31	20M
Analysis ^e	49.36	12.54	2.38	2.82	7.20	25.76	129M
Analysis ^e	49.35	9.53	3.31	1.65	7.88	28.28	249M
Analysis ^e	46.08	13.08	3.95	2.29	6.49	28.11	270M
Analysis ^e	47.75	11.93	2.69	3.35	8.48	25.80	325M
Porter, D. B., Belton, Texas.							
Laying Mash with Charcoal and Minerals.....	<i>18.50</i>	<i>3.70</i>	<i>7.50</i>	<i>45.50</i>	.....	.....	2172G
Analysis.....	19.40	5.38	6.99	45.99	10.24	12.00	265W
Porter & White, Knox City, Texas.							
A-1 Brand Egg Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	.....	.....	1524H
Analysis.....	22.35	5.75	7.77	45.82	8.32	9.99	61S
Analysis.....	21.75	4.80	8.36	45.41	9.24	10.44	462S
A-2 Brand Poultry Feed.....	<i>17.00</i>	<i>3.60</i>	<i>11.00</i>	<i>46.50</i>	.....	.....	1524K
Analysis.....	18.52	4.63	10.07	51.52	6.68	8.58	380S
More-Milk Brand Dairy Feed.....	<i>15.50</i>	<i>3.50</i>	<i>13.00</i>	<i>50.00</i>	.....	.....	1524P
Analysis.....	17.71	4.54	12.72	47.26	10.68	7.09	271S
A-1 Brand Starting Mash.....	<i>16.00</i>	<i>4.00</i>	<i>6.00</i>	<i>53.00</i>	.....	.....	1524Q
Analysis.....	17.95	4.59	4.94	54.96	9.85	7.71	329S
A-1 Brand Growing Mash.....	<i>15.50</i>	<i>3.20</i>	<i>6.00</i>	<i>53.00</i>	.....	.....	1524R
Analysis.....	17.14	4.09	4.90	54.93	10.76	8.18	328S
Pottsville Mill & Produce Company, Pottsville, Texas.							
2-R All-Mash Chick Starter.....	<i>17.00</i>	<i>4.00</i>	<i>5.00</i>	<i>52.00</i>	.....	.....	2442F
Analysis.....	17.40	5.43	3.62	54.80	10.60	8.15	404W
2-R Laying Mash.....	<i>18.80</i>	<i>3.50</i>	<i>8.00</i>	<i>45.00</i>	.....	.....	2442G
Analysis.....	19.52	5.30	6.60	48.04	9.56	10.98	74W
Power Feed Store, Dallas, Texas.							
Economy Brand 18% Protein Dairy Feed.....	<i>18.00</i>	<i>3.50</i>	<i>12.50</i>	<i>45.50</i>	.....	.....	2187C
Analysis ^e	17.43	3.42	13.76	49.04	8.38	7.97	2R

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.
²⁷⁶Wheat brown shorts and screenings.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Power Grain Company, Dallas, Texas.							
Hi-Power Brand Egg Mash with Charcoal.....	20.50	3.50	7.40	44.60	.....	.....	2187B
Analysis.....	22.40	4.85	7.74	45.12	8.66	11.23	74R
Analysis.....	20.86	5.09	7.60	47.54	8.78	10.13	428T
Hi-Power Brand 18% Protein Dairy Feed.....	18.00	3.50	12.50	45.50	.....	.....	2187C
Analysis ²⁷⁷	18.12	3.43	13.09	47.69	9.12	8.55	70R
Prairie Hill Produce, Prairie Hill, Texas.							
Mixed Feed.....	13.00	2.40	15.00	47.00	.....	.....	1799A
Analysis ²⁷⁸	13.80	1.98	12.98	52.68	10.49	8.07	116W
Preston's Feed Mill, Gatesville, Texas.							
Holland Laying Mash.....	18.00	3.80	7.50	49.00	.....	.....	1969D
Analysis.....	19.19	5.63	6.41	49.85	8.99	9.93	78W
Growing Mash with Charcoal.....	16.00	3.40	6.30	50.00	.....	.....	1969G
Analysis ²⁷⁹	18.15	4.95	6.85	53.29	9.52	7.24	408W
Pritchard Rice Milling Company, Houston, Texas.							
Rice Polish containing Precipitated Carbonate of Lime.....	11.00	6.00	4.00	55.00	.....	.....	617A
Analysis.....	11.50	10.49	2.04	59.18	10.89	5.90	312M
Analysis.....	12.10	11.71	2.03	55.86	10.57	7.73	350W
Rice Bran containing Precipitated Carbonate of Lime.....	11.00	10.00	15.00	42.00	.....	.....	617B
Analysis ²⁸⁰	11.60	12.00	15.68	38.23	7.07	15.42	51F
Analysis.....	12.71	13.67	14.12	38.92	7.30	13.28	292H
Analysis.....	12.35	12.43	12.58	42.06	8.70	11.88	311M
Analysis.....	12.80	13.48	13.88	37.77	7.48	14.59	402M
Analysis ²⁸⁰	12.60	13.44	15.93	36.30	6.51	15.22	24T
Prosper Mill, Prosper, Texas.							
Prosper Mill Dairy Feed.....	15.00	3.30	15.00	49.00	.....	.....	1997C
Analysis.....	17.40	4.15	13.05	49.80	9.76	5.84	418T
Prosper Maid Poultry Mash with Charcoal.....	19.00	3.50	8.00	48.00	.....	.....	1997G
Analysis.....	19.84	4.63	6.06	52.37	9.33	7.77	419T
Pueblo By-Products Company, Pueblo, Colorado.							
Golden Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	303A
Analysis ²⁸¹	50.05	8.45	1.30	.32	7.21	32.67	390K
Purity Feed & Seed Company, Beeville, Texas.							
Beeco Pig and Hog Feed.....	18.00	4.50	7.00	43.00	.....	.....	1798C
Analysis.....	19.25	6.62	5.02	46.74	9.40	12.97	15H
Purity Oats Company, Keokuk, Iowa.							
Chief Brand Oat Mill Feed.....	12.00	4.50	16.00	53.00	.....	.....	1598I
Analysis ^{d a}	14.51	4.77	15.45	53.19	6.94	5.14	61T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

277Obsolete tags attached.

278Excess salt found. Deficient in ground limestone.

279Milo meal found, not claimed.

280Excess ground rice hulls present.

281Tags incorrectly printed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Quaker Oats Company, The, Chicago, Illinois.							
Pulverized Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>			1379D
Analysis.....	14.21	5.52	10.22	58.67	7.69	3.69	131T
Quaker Sugared Schumacher Cubes..	<i>10.00</i>	<i>2.50</i>	<i>12.00</i>	<i>55.00</i>			1379K
Analysis.....	11.35	3.00	11.51	58.93	8.68	6.53	164K
Quaker Ful-O-Pep Brand Egg Mash..	<i>20.00</i>	<i>4.50</i>	<i>8.00</i>	<i>45.00</i>			1379O
Analysis.....	20.30	5.77	6.48	52.02	7.24	8.19	64K
Ful-O-Pep Brand Egg-Breeder Mash..	<i>20.00</i>	<i>4.50</i>	<i>8.00</i>	<i>45.00</i>			1379O
Analysis.....	22.10	6.36	7.33	47.19	8.13	8.89	369K
Analysis ²⁸²	20.32	5.60	6.79	48.76	10.11	8.42	248M
Big Egg Brand Laying Mash.....	<i>18.00</i>	<i>4.00</i>	<i>8.00</i>	<i>50.00</i>			1379X
Analysis.....	19.44	5.33	7.52	50.85	9.69	7.17	215K
Big Egg Brand All-Mash Starter-Grower..	<i>16.00</i>	<i>4.50</i>	<i>8.00</i>	<i>50.00</i>			1379Y
Analysis.....	17.55	4.93	6.92	55.10	9.78	5.72	407K
Quaker Ful-O-Pep Brand Growing Mash.....	<i>19.00</i>	<i>5.00</i>	<i>6.00</i>	<i>47.00</i>			1379A1
Analysis.....	17.55	6.10	6.24	57.14	6.89	6.08	52K
Quaker Sugared Schumacher Feed.....	<i>10.00</i>	<i>3.60</i>	<i>13.00</i>	<i>54.00</i>			1379A5
Analysis.....	11.68	3.88	10.11	58.33	9.50	6.50	149T
Quaker Sugared Schumacher Feed.....	<i>10.00</i>	<i>3.00</i>	<i>12.00</i>	<i>55.00</i>			1379A5
Analysis.....	10.77	3.50	10.87	61.97	7.14	5.75	513K
Analysis.....	11.25	3.25	11.39	56.04	11.69	6.38	247M
Ful-O-Pep Brand Chick Starter.....	<i>17.00</i>	<i>4.50</i>	<i>7.00</i>	<i>50.00</i>			1379B5
Analysis.....	17.92	5.23	5.47	56.40	9.31	5.67	388T
Quaker 16% Protein Dairy Feed.....	<i>16.00</i>	<i>3.00</i>	<i>13.50</i>	<i>46.00</i>			1379B6
Analysis.....	18.43	3.38	11.89	48.67	8.37	9.26	58K
Oat Hulls, Molasses, Oat Shorts, and Oat Middlings.....	<i>5.00</i>	<i>1.20</i>	<i>27.50</i>	<i>52.50</i>			1379C6
Analysis.....	6.23	1.60	26.44	50.95	7.92	6.86	249T
Ful-O-Pep Brand Broiler Mash.....	<i>19.00</i>	<i>4.50</i>	<i>7.00</i>	<i>47.00</i>			1379E5
Analysis.....	19.60	5.17	5.11	54.88	8.96	6.28	401H
Quality Feed Store, Amarillo, Texas.							
Pride-O-Plains Brand Dairy Feed....	<i>17.50</i>	<i>3.30</i>	<i>10.00</i>	<i>47.00</i>			2537F
Analysis.....	19.07	3.77	9.77	50.04	8.68	8.67	413K
Quality Feed Store, Waco, Texas.							
Sure-Fine Brand Laying Mash.....	<i>20.00</i>	<i>3.70</i>	<i>7.50</i>	<i>44.00</i>			2002F
Analysis.....	21.84	5.54	5.48	46.61	8.48	12.05	449W
Sure-Fine Brand Chick Mash with Buttermilk.....	<i>15.70</i>	<i>3.50</i>	<i>5.50</i>	<i>53.00</i>			2002J
Analysis.....	17.60	5.39	4.69	54.06	11.40	6.86	379W
Cow's Delight Brand Dairy Feed.....	<i>18.50</i>	<i>3.50</i>	<i>10.70</i>	<i>50.00</i>			2002K
Analysis.....	17.94	3.46	11.13	50.05	9.45	7.97	534W
Quality Mills, Austin, Texas.							
Shur-Lay Brand Egg Mash.....	<i>18.00</i>	<i>3.50</i>	<i>8.00</i>	<i>45.00</i>			277D
Analysis.....	18.92	5.24	7.41	50.85	9.46	8.12	66H
Pennant Special 5 Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>			277N
Analysis.....	22.08	5.59	6.28	45.82	8.82	11.41	1H
Analysis.....	21.30	5.79	6.35	46.02	8.91	11.63	399H
Pennant All-Mash Chick Starter.....	<i>16.50</i>	<i>4.00</i>	<i>4.50</i>	<i>54.00</i>			277W
Analysis.....	18.51	5.28	3.80	56.47	9.46	6.48	266H
Austin Maid Laying Mash with Charcoal.....	<i>20.00</i>	<i>3.70</i>	<i>7.20</i>	<i>46.00</i>			277Z
Analysis.....	21.68	5.33	7.32	46.05	8.34	11.28	398H
Red Top All-Mash Chick Starter with Charcoal.....	<i>15.70</i>	<i>3.80</i>	<i>5.50</i>	<i>56.00</i>			277A2
Analysis.....	17.74	5.21	5.18	55.86	9.62	6.39	265H

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁸²Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Quality Mills, Ausin, Texas—Continued.							
Hi-Bred Dairy Feed.....	18.00	3.50	12.00	40.00	.....	.....	277A4
Analysis.....	18.80	5.15	9.95	47.29	10.65	8.16	134H
Aus-Tex Dairy Feed.....	21.00	3.80	15.00	53.00	.....	.....	277A6
Analysis.....	20.10	4.23	13.03	45.53	9.00	8.11	2H
Analysis.....	22.00	4.61	12.48	42.79	9.36	8.76	135H
Red Top Growing Mash.....	16.50	3.50	7.50	50.00	.....	.....	277A7
Analysis.....	17.88	4.69	6.91	51.12	10.40	9.00	328H
Bossie Sweet Feed.....	20.00	3.50	8.00	43.00	.....	.....	277B5
Analysis.....	19.65	3.25	12.63	44.44	12.16	9.07	329H
Longhorn Sweet Feed.....	10.00	1.80	13.00	55.00	.....	.....	277B6
Analysis.....	10.30	1.97	16.32	51.39	11.08	8.94	330H
Analysis.....	10.30	1.42	15.25	51.46	11.01	10.62	447H
Quana Cotton Oil Company, Quana, Texas.							
Quana Sweet Feed.....	12.00	1.60	34.00	34.00	.....	.....	713A
Analysis.....	11.10	1.08	32.41	41.51	7.99	5.91	486K
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....	713I
Analysis.....	43.60	5.86	11.41	26.43	6.85	5.85	104K
Analysis.....	43.11	6.44	10.52	28.22	6.01	5.70	286K
Analysis.....	44.06	6.92	10.86	26.38	6.09	5.69	287K
43% Protein Cottonseed Cake.....	43.00	5.20	12.00	23.00	.....	.....	713J
Analysis.....	45.70	5.95	10.41	25.39	6.97	5.58	65K
Analysis.....	44.21	5.66	11.18	26.53	6.85	5.57	105K
Analysis.....	45.65	6.07	9.12	26.26	6.58	6.32	318K
Analysis.....	42.95	6.00	10.68	27.47	6.83	6.07	321K
43% Protein Cottonseed Cubes.....	43.00	5.20	12.00	23.00	.....	.....	713S
Analysis.....	43.49	7.09	11.44	25.69	6.91	5.38	61K
Analysis.....	43.49	7.02	10.59	26.57	6.77	5.56	146K
Analysis.....	44.30	6.34	10.63	26.65	6.29	5.79	149K
Analysis.....	45.27	7.17	8.07	26.23	6.80	6.46	317K
Ralston Purina Company, Fort Worth, Texas.							
Purina Chick Growena.....	15.00	3.50	7.00	50.00	.....	.....	346A
Analysis.....	18.08	4.39	6.03	54.11	11.47	5.92	335H
Analysis.....	19.71	4.09	6.98	52.68	9.75	6.79	267K
Analysis.....	19.10	4.41	5.92	54.58	9.24	6.75	432S
Analysis.....	18.65	4.12	7.25	52.58	10.63	6.77	231T
Analysis.....	18.50	4.37	6.28	54.21	10.82	5.82	371W
Analysis.....	19.26	4.29	6.03	55.34	9.03	6.05	517W
Purina Broiler Chow.....	18.00	4.00	7.00	46.00	.....	.....	346B
Analysis.....	21.62	4.76	5.19	51.21	9.94	7.28	406K
Analysis.....	21.38	4.90	5.69	51.69	8.61	7.73	450M
Analysis.....	20.70	4.99	5.17	52.94	9.59	6.61	361S
Purina Omolene.....	10.00	3.20	10.00	56.00	.....	.....	346C
Analysis.....	13.12	4.43	7.39	60.69	8.67	5.70	501K
Protina 18% Protein Dairy Feed.....	18.00	3.00	13.00	42.00	.....	.....	346F
Analysis.....	18.70	2.91	14.62	45.32	7.89	10.56	8K
Analysis.....	18.95	3.46	12.19	44.76	10.75	9.89	396M
Purina Cotton Belt Cow Chow.....	12.00	2.50	12.00	48.00	.....	.....	346I
Analysis.....	14.06	2.50	10.69	50.91	12.57	9.27	370H
Analysis.....	17.26	3.13	11.75	49.59	9.03	9.24	23K
Analysis.....	16.70	3.39	11.89	49.82	8.06	10.14	7T
Purina Calf Startena.....	19.50	3.00	9.50	43.00	.....	.....	346K
Analysis.....	22.33	3.55	9.27	50.31	7.52	7.02	393S
Purina 24% Protein Milking Cow Chow.....	24.00	4.00	12.00	37.00	.....	.....	346N
Analysis.....	25.28	4.68	9.95	41.66	10.00	8.43	322H
Analysis.....	25.92	4.65	10.68	41.75	8.99	8.01	403K
Analysis.....	24.28	4.06	10.55	42.73	9.70	8.68	422M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Ralston Purina Company,							
Fort Worth, Texas—Continued.							
Purina Chick Startena.....	18.00	4.00	7.00	46.00			346X
Analysis.....	21.75	5.29	4.58	50.89	11.02	6.47	334H
Analysis.....	21.16	5.00	4.79	51.47	10.99	6.59	268K
Analysis.....	21.87	4.98	4.87	52.00	9.09	7.19	351S
Analysis.....	22.49	5.41	5.03	48.81	10.68	7.58	191T
Purina Turkey Growena.....	18.00	4.00	7.00	50.00			346B4
Analysis.....	20.23	5.17	5.15	54.11	9.05	6.29	46T
Purina Pig and Hog Chow (Supplement).....	36.00	3.00	14.00	25.00			346B7
Analysis.....	36.60	5.80	12.97	27.36	6.66	10.61	55S
Analysis.....	38.45	6.00	10.71	25.35	7.81	11.68	17W
Purina Sheep Checkers.....	12.00	2.00	8.00	52.00			346B8
Analysis.....	12.90	1.66	6.39	59.59	8.70	10.76	267S
Purina Special Cattle Checkers.....	12.00	2.00	8.00	52.00			346B9
Analysis.....	13.10	1.24	5.40	61.92	9.24	9.10	138T
Purina Cattle Checkers.....	12.00	2.00	8.00	52.00			346B9
Analysis.....	13.58	1.76	5.97	60.86	8.57	9.26	523K
Purina Layena Checkers (All-Mash Laying Feed).....	15.50	3.50	8.00	47.00			346C2
Analysis.....	18.05	4.73	5.24	53.26	9.36	9.36	346K
Purina Bulky Omolene.....	10.00	3.20	10.00	56.00			346C4
Analysis.....	12.47	5.08	10.61	57.42	9.00	5.42	526K
Analysis ²⁸³	13.75	4.75	9.13	56.15	10.81	5.41	395M
Purina Family Flock Ration.....	15.00	3.50	8.00	47.00			346C5
Analysis.....	17.50	4.00	6.48	52.88	9.35	9.79	63K
Analysis.....	17.96	4.31	6.93	53.25	8.64	8.91	2T
Purina Chick Growena Checkers.....	15.00	3.50	7.00	50.00			346C8
Analysis.....	17.30	4.78	5.10	56.65	9.69	6.48	395T
Purina Lay Chow.....	19.00	3.50	8.00	44.00			346C9
Analysis.....	22.53	5.12	6.26	49.41	7.29	9.39	45T
Purina Lay Chow.....	21.00	4.00	8.00	42.00			346C9
Analysis.....	23.97	5.49	7.76	44.49	8.81	9.48	151F
Analysis ²⁸³	22.16	5.04	7.42	47.65	8.57	9.16	48K
Analysis.....	23.62	5.84	6.91	43.86	9.22	10.55	421M
Analysis ²⁸³	22.12	5.02	6.43	48.41	8.24	9.78	59W
Purina Family Flock Chow Checkers.....	18.00	3.50	8.00	47.00			346D2
Analysis.....	19.35	4.65	5.98	47.92	10.34	11.76	224F
Analysis.....	19.78	4.61	6.14	48.99	9.39	11.09	244K
Purina Family Flock Chow.....	18.00	3.50	8.00	47.00			346D3
Analysis.....	20.87	4.62	6.61	48.93	9.39	9.58	152F
Analysis.....	20.35	3.50	6.38	51.10	9.29	9.38	406M
Analysis ²⁸⁴	20.72	4.44	6.41	50.16	8.48	9.79	123W
Analysis.....	20.48	4.51	7.19	49.11	9.71	9.00	293W
Dried Beet Pulp.....	7.00	0.30	22.50	48.00			346D4
Analysis ^{d a}	8.18	.52	20.58	57.99	9.68	3.05	26H
Protana Sweet Feed.....	9.00	1.50	16.00	51.00			346D7
Analysis.....	10.41	1.24	12.83	52.00	13.60	9.92	283W
Fort Worth Brand Purina Bulky-Las Chow.....	9.00	2.00	12.00	54.00			346E1
Analysis.....	11.25	2.05	9.72	55.11	11.45	10.42	455M
Protana 24% Protein Dairy Feed.....	24.00	3.50	12.00	38.00			346E2
Analysis.....	25.12	3.69	10.27	40.17	11.64	9.11	150F
Analysis.....	24.52	3.87	10.96	40.59	10.41	9.65	435H
Analysis.....	26.46	3.87	10.27	39.97	10.77	8.66	205K
Analysis.....	24.64	3.80	9.42	41.79	10.55	9.80	463M
Purina 32% Protein Chowder.....	32.00	4.50	9.00	26.00			346E3
Analysis.....	33.98	5.67	6.38	33.19	7.46	13.32	208K
Protana Cattle and Sheep Feed.....	12.00	2.00	8.00	54.00			346E5
Analysis ^a	16.93	2.96	6.47	58.69	9.65	5.30	125H
Purina Steer Fatena.....	12.00	2.00	8.00	54.00			346E7
Analysis.....	14.09	1.79	3.81	63.28	7.82	9.21	203K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁸³Obsolete tags attached.

²⁸⁴Excess ground oyster shell present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitro-gen-free Extract	Mois-ture	Crude Ash	
Ralston Purina Company,							
Fort Worth, Texas—Continued.							
Purina Sow and Pig Checkers.....	26.00	3.50	7.00	38.00	.....	.....	346F3
Analysis.....	26.68	4.81	5.54	45.09	8.31	9.57	416K
Purina Turkey Startena.....	24.00	4.50	6.00	38.00	.....	.....	346F5
Analysis.....	25.47	5.29	5.09	47.39	9.72	7.04	441W
Purina Layena (All-Mash Laying Feed).....	15.50	3.50	8.00	47.00	.....	.....	346F9
Analysis.....	18.93	4.60	5.94	52.54	9.43	8.56	153F
Analysis.....	19.26	4.47	5.43	53.62	8.62	8.60	485W
Ratliff Feed Store, A. J.,							
Ranger, Texas.							
Our-Own Brand Egg Mash.....	20.00	3.50	8.00	44.00	.....	.....	248G
Analysis.....	22.07	5.49	6.29	46.30	8.78	11.07	34T
Moss Special Mixed Cow Feed.....	12.50	2.70	13.50	54.00	.....	.....	248M
Analysis.....	13.05	2.89	13.71	52.35	11.08	6.92	310T
Ray's Feed Store,							
Stephenville, Texas.							
Ray's Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	2205A
Analysis.....	21.42	5.45	6.87	48.32	7.24	10.70	29T
Cow Feed.....	19.00	4.00	12.00	48.00	.....	.....	2205E
Analysis.....	18.89	4.70	12.54	49.21	8.66	6.00	446T
Ray's Hatchery,							
Wichita Falls, Texas.							
Dairy Feed.....	20.00	3.40	10.00	47.00	.....	.....	2094B
Analysis.....	20.70	3.81	9.59	47.26	12.09	6.55	235T
24% Protein Dairy Feed.....	24.00	4.00	11.00	42.00	.....	.....	2094C
Analysis.....	23.97	5.35	10.93	43.57	8.71	7.47	458T
Leader Brand Egg Mash.....	18.00	3.70	6.50	47.00	.....	.....	2094D
Analysis ²⁸⁵	20.87	4.76	6.30	52.59	8.45	7.03	53T
16% Protein Dairy Feed.....	16.00	3.00	10.50	52.00	.....	.....	2094E
Analysis.....	18.54	3.14	10.19	48.58	12.39	7.16	234T
Reardon Grain & Produce Company,							
Mason, Texas.							
Reardon's Dairy Feed.....	20.00	4.00	11.00	47.00	.....	.....	2412A
Analysis.....	21.32	4.61	10.53	45.63	11.38	6.53	252S
Reck, Angelo,							
Mingus, Texas.							
Angelo Reck's Laying Mash with Charcoal.....	18.00	3.60	8.00	50.00	.....	.....	797A
Analysis.....	18.85	3.99	5.54	55.44	9.11	7.07	387T
Red Chain Feed Company,							
Dallas, Texas.							
Ideal Brand Egg Mash with Charcoal.....	20.00	3.80	7.50	46.00	.....	.....	582C
Analysis.....	21.62	5.09	7.69	44.75	9.79	11.06	39R
Red River Cotton Oil Company, Inc.,							
Alexandria, Louisiana.							
41.12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	1771A
Analysis ^{d a e}	38.62	6.79	13.64	27.22	6.99	6.74	292M
Red Star Milling Company, The,							
Wichita, Kansas.							
Red Star Wheat Gray Shorts and Screenings.....	16.50	4.00	6.00	55.00	.....	.....	351C
Analysis ^{286 c}	17.58	4.25	6.98	54.63	12.11	4.45	193T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

285 Obsolete tags attached.

286 Wheat brown shorts and screenings.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Reed, G. H., Mart, Texas.							
Economy Brand Laying Mash.....	<i>18.50</i>	<i>3.70</i>	<i>5.50</i>	<i>53.00</i>	.....	.....	252A
Analysis.....	19.10	4.59	5.00	53.76	9.25	8.30	529W
Reed's Cow Feed.....	<i>14.00</i>	<i>2.50</i>	<i>14.00</i>	<i>49.50</i>	.....	.....	252B
Analysis.....	13.27	3.76	13.32	50.78	11.09	7.78	151W
Reed's Baby Chick Starter.....	<i>19.50</i>	<i>3.70</i>	<i>5.00</i>	<i>48.00</i>	.....	.....	252C
Analysis.....	21.16	5.57	4.97	48.53	9.23	10.54	315W
Chick Growing Mash with Charcoal.....	<i>17.00</i>	<i>3.50</i>	<i>5.00</i>	<i>50.00</i>	.....	.....	252E
Analysis ²⁸⁷	18.45	4.71	3.58	56.96	10.12	6.18	456W
Reed and Sons, J. S., San Marcos, Texas.							
Special Cow Feed.....	<i>9.00</i>	<i>1.50</i>	<i>31.00</i>	<i>39.50</i>	.....	.....	119B
Analysis.....	9.20	.91	26.75	44.70	11.06	7.38	63H
Analysis.....	9.95	.96	25.64	41.93	13.43	8.09	202H
Special Laying Mash with Charcoal.....	<i>18.00</i>	<i>3.60</i>	<i>7.50</i>	<i>47.00</i>	.....	.....	119C
Analysis.....	18.55	5.74	8.44	49.10	8.87	9.30	5H
Rhome Milling Company, Rhome, Texas.							
No. 1 Brand Egg Mash.....	<i>18.50</i>	<i>4.00</i>	<i>7.00</i>	<i>46.00</i>	.....	.....	12C
Analysis.....	21.30	5.25	4.71	49.99	8.27	10.48	62T
Analysis.....	20.82	4.92	6.03	45.98	10.66	11.59	246T
Ground Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	12H
Analysis.....	12.33	5.36	11.96	54.51	10.88	4.96	203T
Analysis ²⁸⁸	11.56	5.05	10.86	57.49	10.49	4.55	343T
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	12J
Analysis.....	9.58	3.38	9.46	65.41	10.41	1.76	405T
Number One Brand Dairy Feed.....	<i>20.00</i>	<i>4.00</i>	<i>13.50</i>	<i>44.00</i>	.....	.....	12R
Analysis.....	20.50	4.40	13.16	48.69	7.67	5.58	63T
Analysis.....	20.25	4.25	11.49	47.21	11.27	5.53	247T
Rice Growers Distributing Company, El Campo, Texas.							
Sweet Shanghai Brand Rice Hulls, Molasses, Rice Bran, Wheat Bran, Ground Screenings, Corn Chop, Cottonseed Meal, and Salt.....	<i>7.50</i>	<i>2.20</i>	<i>19.00</i>	<i>45.00</i>	.....	.....	837B
Analysis.....	7.80	3.22	20.84	42.92	11.51	13.71	369H
Analysis.....	9.94	3.70	17.62	45.13	10.69	12.92	140M
Ricleader Stock Feed-Cubed.....	<i>13.50</i>	<i>4.00</i>	<i>15.50</i>	<i>41.00</i>	.....	.....	837D
Analysis.....	14.04	5.14	17.18	40.09	10.93	12.62	302M
Rich, B. T., San Saba, Texas.							
Rich's 16% Protein Stock Feed.....	<i>16.00</i>	<i>3.80</i>	<i>11.00</i>	<i>52.00</i>	.....	.....	726B
Analysis.....	16.90	4.65	10.49	53.20	10.24	4.52	409W
Rich's Dairy Feed.....	<i>16.50</i>	<i>3.80</i>	<i>9.30</i>	<i>52.00</i>	.....	.....	726F
Analysis.....	18.43	5.28	8.66	52.41	10.23	4.99	343W
Richmond Cotton Oil Company, Inc., Richmond, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1338A
Analysis.....	41.67	6.19	9.62	31.25	5.78	5.49	14M
Analysis.....	43.70	7.02	11.07	25.69	6.20	6.32	64M
Analysis.....	43.24	7.23	11.40	25.60	6.79	5.74	108M
Analysis.....	44.88	6.76	10.20	25.52	7.09	5.55	415M
43% Protein Cracked Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1338B
Analysis.....	42.56	6.49	10.97	26.39	7.72	5.87	164M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁸⁷Obsolete tags attached.

²⁸⁸Corn chop found.

²⁸⁹Obsolete tags attached.

²⁹⁰Sample fermented.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Riesel Gin Company, Riesel, Texas.							
Laying Mash.....	19.00	3.50	7.50	46.00	.....	.....	1245A
Analysis.....	21.87	5.27	6.55	47.99	7.83	10.49	234W
Growing Mash with Cod Liver Oil...	16.00	4.50	7.50	51.00	.....	.....	1245C
Analysis.....	18.10	5.49	6.24	51.05	10.62	8.50	387W
Riewe Grinding Station, R. A., Hamilton, Texas.							
Daisy Queen Starting, Growing, and Laying Mash with Charcoal and Ferrous Sulphate.....	18.50	4.00	6.50	45.00	.....	.....	468C
Analysis.....	18.62	4.92	5.42	50.41	10.45	10.18	249W
Rio Grande Valley Cotton Oil Company, Clint, Texas.							
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	1078A
Analysis ^{b c}	41.63	7.19	9.43	27.96	7.94	5.85	93S
Analysis.....	42.98	8.28	8.33	26.96	7.33	6.12	161S
Analysis.....	43.48	7.90	8.72	26.94	6.70	6.26	162S
Analysis.....	42.96	8.23	8.34	26.40	8.04	6.03	237S
Analysis.....	43.86	7.48	8.27	27.00	6.77	6.62	367S
Analysis.....	43.71	8.39	8.09	26.46	7.26	6.09	I
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1078B
Analysis.....	43.57	8.97	8.28	26.29	6.82	6.07	88S
Analysis ^e	39.88	9.00	10.25	28.21	6.97	5.69	92S
Analysis.....	43.22	9.64	10.53	23.73	6.91	5.97	152S
Analysis.....	42.50	9.54	7.87	27.49	6.41	6.19	159S
Analysis ^{b c}	41.63	9.45	9.13	27.43	6.40	5.96	160S
Analysis.....	43.22	9.47	7.91	26.53	6.54	6.33	163S
Analysis.....	42.85	9.14	7.98	26.53	7.40	6.10	234S
Analysis ^{b c}	41.16	9.11	9.01	27.36	7.27	6.09	236S
Analysis.....	43.15	9.24	7.76	27.57	6.24	6.04	296S
Analysis.....	43.92	9.84	7.07	25.75	7.34	6.08	356S
Analysis.....	43.02	9.72	8.56	26.12	6.62	5.96	359S
Analysis.....	43.85	9.87	7.02	27.07	5.99	6.20	396S
Robbins Brothers, Athens, Texas.							
No. 5 Egg Mash.....	20.00	3.60	6.50	45.00	.....	.....	1313I
Analysis ²⁰¹	21.40	4.50	6.37	49.40	8.69	9.64	5F
Robinson Bros., Austin, Texas.							
Robinson Bros.' Growing Mash with Buttermilk and Cod Liver Oil.....	15.50	3.20	5.50	54.00	.....	.....	1647F
Analysis.....	17.31	5.16	5.26	53.47	10.48	8.32	333H
Block 5 Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	1647G
Analysis.....	22.84	7.01	7.20	43.56	8.76	10.63	68H
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	2.00	.....	.....	1647H
Analysis ^e	53.29	13.33	2.06	1.06	5.96	24.30	67H
Starter Mash with Buttermilk and Cod Liver Oil.....	14.00	3.30	5.00	54.00	.....	.....	1647J
Analysis.....	15.99	4.56	4.65	56.68	11.53	6.59	269H
Robinson's Dairy Mix.....	15.00	3.00	16.00	46.00	.....	.....	1647N
Analysis.....	13.58	3.22	13.06	52.10	12.04	6.00	268H
Analysis.....	14.60	3.55	15.96	48.76	10.76	6.37	397H
Robstown Oil Mill, Robstown, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	727B
Analysis.....	43.42	6.60	10.52	27.04	6.68	5.74	92H
Analysis.....	42.68	6.30	11.30	27.43	6.73	5.56	152H
Analysis.....	43.52	6.58	10.91	24.75	8.81	5.43	166H
Analysis.....	42.67	6.04	10.42	26.23	8.98	5.66	243H
Analysis.....	42.84	6.79	10.70	27.45	6.82	5.40	1T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁰¹Excess ground oyster shell present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Roddie & Company, Brady, Texas.							
Roddie's Egg Mash with Charcoal...	18.00	3.50	7.00	48.00			2556A
Analysis	20.60	4.51	5.09	51.63	10.50	7.67	368S
Roddie's Big Five Egg Mash	20.50	3.50	7.40	44.60			2556I
Analysis	21.60	4.65	6.41	49.82	7.46	10.06	455S
Roddie's 24% Protein Dairy Feed	24.00	3.80	10.00	43.00			2556J
Analysis	26.21	4.65	9.85	42.72	8.58	7.99	53S
Roddie's Starter and Growing Mash	16.50	3.00	6.50	51.00			2556K
Analysis	19.01	3.91	5.49	52.56	9.83	9.20	369S
Roddie's Poultry Fatner	12.00	3.60	5.60	60.00			2556M
Analysis ²⁹²	14.44	4.79	5.56	60.70	11.49	3.02	321S
Roddy Milling Company, Corpus Christi, Texas.							
Blackland Special	11.00	3.00	5.50	63.00			2627E
Analysis	12.73	3.50	4.68	63.34	12.44	3.31	150H
Roddy's Egg Mash	20.00	3.50	7.00	45.50			2627F
Analysis	19.14	5.63	4.60	51.51	11.15	7.97	151H
Analysis	19.14	4.88	4.18	52.42	11.06	8.32	295H
Kremo Dairy Feed	17.00	3.00	13.00	47.50			2627I
Analysis ²⁹³	12.85	1.13	7.23	55.38	15.43	7.98	149H
Analysis	16.16	1.44	8.97	50.24	15.82	7.37	294H
Rodgers, Major H., Levelland, Texas.							
Laymore Brand Egg Mash	18.00	3.60	8.00	46.50			1766K
Analysis	19.20	4.77	5.80	53.03	9.19	8.01	362K
Rodgers' Thrift Brand Cow Feed	14.00	2.80	18.50	48.50			1766M
Analysis	16.85	3.75	14.95	47.63	7.76	9.06	504K
Rodney Milling Company, Kansas City, Missouri.							
Jersey Wheat Gray Shorts and Screenings	17.00	3.50	6.00	55.00			1926A
Analysis ²⁹⁴	17.80	4.18	6.22	55.27	12.11	4.42	352F
Analysis ²⁹⁴	18.23	3.84	6.24	56.40	10.77	4.52	399M
Analysis ^{294 b, c}	18.31	4.34	6.84	55.33	10.26	4.92	365T
Wheat Brown Shorts and Screenings	17.50	4.50	7.50	53.00			1926B
Analysis ^a	17.65	4.36	6.56	55.53	11.45	4.45	395W
Rogers Grain Company, Inc., Houston, Texas.							
Rice Bran	11.00	10.00	15.00	42.00			850A
Analysis	14.00	13.57	12.59	39.26	9.04	11.54	70M
Rogers' Ranger Egg Mash	19.00	3.50	6.50	47.00			850B
Analysis	19.60	4.75	5.69	52.08	10.47	7.41	348M
Rogers' Dairy Feed	17.50	3.80	12.00	48.00			850F
Analysis ²⁹⁵	18.80	4.58	12.25	46.02	10.18	8.17	126M
32% Protein Linseed Meal	32.00	6.00	9.00	35.00			850I
Analysis	31.61	5.58	9.08	37.49	10.92	5.32	850I
Analysis	33.23	4.93	8.08	36.24	11.66	5.86	317M
Rosebud Oil & Cotton Company, Rosebud, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			226C
Analysis	42.81	6.94	11.08	27.02	6.53	5.62	93W
Analysis ^c	42.02	6.08	11.40	27.67	7.37	5.46	178W
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			226D
Analysis	44.35	6.04	10.00	27.16	6.30	6.15	89W
Analysis	42.87	6.18	10.67	26.68	8.12	5.48	261W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁹²Rolled oat groats substituted in part for ground oat groats.

²⁹³Deficient in cottonseed meal and ground limestone. Excess cane molasses found. Ground hegarri heads, stalks and stems claimed, not found. Milo head stems found, not claimed.

²⁹⁴Wheat brown shorts and screenings.

²⁹⁵Ear corn chop with husk found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Rose City Milling Company,							
Little Rock, Arkansas.							
Our Best Horse and Mule Feed.....	10.00	3.50	8.50	60.00	.....	.....	1239A
Analysis ^{a296}	10.63	2.98	6.17	62.92	11.69	5.61	377F
Jewell Sweet Mixed Feed.....	9.00	2.00	24.00	38.50	.....	.....	1239B
Analysis ²⁹⁷	8.59	1.52	12.05	56.09	12.32	9.43	325F
Analysis.....	8.38	1.36	18.30	49.87	13.08	9.01	423F
Jewell Brand 15% Protein Dairy Feed	15.00	3.50	13.00	45.00	.....	.....	1239C
Analysis ^{298A}	15.92	4.18	20.91	34.72	10.91	13.36	283F
Rosson, Inc., J. M.,							
Marfa, Texas.							
Rosson's Special Dairy Feed.....	17.50	3.50	10.00	49.00	.....	.....	1022A
Analysis.....	19.56	4.34	9.71	52.78	7.05	6.56	26S
Rousseau Hatchery & Feed Store,							
Wichita Falls, Texas.							
Rousseau's Egg Mash.....	18.00	3.50	8.00	47.50	.....	.....	2070B
Analysis.....	20.45	5.33	6.82	51.58	8.09	7.73	459T
Rousseau's 19% Protein Cow Feed...	19.00	4.20	15.20	41.00	.....	.....	2070E
Analysis.....	21.21	4.50	12.96	43.67	10.23	7.43	233T
Rowland and Son,							
Whitney, Texas.							
Trymo Brand Mixed Feed.....	13.00	1.80	40.00	28.00	.....	.....	334A
Analysis.....	12.41	1.62	33.36	41.68	7.56	3.37	325W
Rudy-Patrick Company,							
Kansas City, Missouri.							
Crimped Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	2121A7
Analysis ^c	14.88	4.06	10.45	55.84	11.11	3.66	287M
Ruhmann Grain & Seed Company,							
Waco, Texas.							
Texas Queen Brand 20% Protein							
Laying Mash with Minerals.....	20.00	4.00	7.00	46.00	.....	.....	1640P
Analysis.....	22.15	5.57	4.97	47.73	9.99	9.59	237W
Texas Queen Brand 17% Protein							
Starting Mash with Minerals.....	17.00	4.00	6.00	45.00	.....	.....	1640S
Analysis.....	19.74	4.91	3.42	54.04	10.42	7.47	308W
Texas Queen Brand 16% Protein							
Growing Mash with Minerals.....	16.00	4.00	6.50	47.50	.....	.....	1640T
Analysis.....	19.00	5.05	3.40	55.00	10.08	7.47	383W
Texas Queen Brand Horse and Mule							
Feed.....	9.00	3.40	8.00	60.00	.....	.....	1640A1
Analysis.....	11.03	4.00	6.92	60.94	12.37	4.74	366W
Radio 5 Egg-Producer.....	20.50	3.50	7.40	44.60	.....	.....	1640A3
Analysis.....	22.88	5.93	5.83	46.49	8.27	10.60	7W
Texas Queen Brand Milk-Maker Cow							
Feed.....	18.00	3.50	9.00	46.00	.....	.....	1640A4
Analysis.....	16.00	2.57	9.29	50.48	13.03	8.63	385W
Analysis.....	19.02	2.64	8.20	49.52	11.58	9.04	526W
Radio Brand Sweet Feed.....	9.00	2.30	9.00	58.50	.....	.....	1640B4
Analysis.....	9.92	1.31	11.01	56.18	13.12	8.46	181W
Analysis.....	9.90	1.21	9.44	58.91	13.13	7.41	430W
Analysis ²⁹⁹	9.78	1.82	11.39	55.14	11.12	10.75	498W
Ruco Brand Peanut Hulls, Molasses,							
Salt, Limestone, and Cottonseed							
Meal.....	6.00	1.50	36.00	36.00	.....	.....	1640B6
Analysis.....	6.30	.75	35.77	34.55	14.19	8.44	266W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

²⁹⁶Information on tags and bags at variance. The words "All Grain Feed" blocked out on bags.²⁹⁷Brand name on bags blocked out.²⁹⁸Ground peanut hulls found, not claimed. Brand name and analysis on bags blocked out and sale resumed.²⁹⁹Deficient in cane molasses.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Rule Cotton Oil Mill, Rule, Texas.							
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			702A
Analysis.....	43.95	6.95	10.33	26.20	6.93	5.64	67K
Analysis.....	43.25	5.85	11.34	26.70	7.07	5.75	96S
Analysis.....	42.92	6.76	10.14	26.96	7.10	6.12	167S
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			702B
Analysis.....	43.13	8.39	10.31	25.44	6.85	5.88	142K
Analysis.....	44.33	6.14	10.73	26.30	6.65	5.85	60S
Rule-Jayton Cotton Oil Company, Stamford, Texas, and Branches.							
Ruco Mixed Feed No. 1.....	<i>13.00</i>	<i>1.80</i>	<i>41.00</i>	<i>28.00</i>			986A
Analysis.....	12.05	2.63	36.84	38.11	7.08	3.29	192K
Four Square Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>			986B
Analysis.....	11.65	2.33	36.80	40.65	5.34	3.23	63S
Saint & Company, Inc., Houston, Texas.							
Royal King Brand Dairy Feed.....	<i>16.00</i>	<i>4.20</i>	<i>12.00</i>	<i>42.00</i>			2275C
Analysis.....	17.71	5.61	12.51	41.73	12.66	9.78	189M
Rice Hulls, Rice Bran, Molasses, Alfalfa Stem Meal, Corn Chop, and Salt.....	<i>6.30</i>	<i>2.60</i>	<i>21.50</i>	<i>43.00</i>			2275I
Analysis.....	6.82	1.98	17.92	45.66	13.96	13.66	449M
Saint's Special Dairy Feed.....	<i>24.00</i>	<i>4.00</i>	<i>12.00</i>	<i>41.00</i>			2275M
Analysis.....	21.80	5.54	8.59	47.78	11.18	5.11	134M
Mother Goose Brand Starting Food with Buttermilk.....	<i>17.00</i>	<i>4.30</i>	<i>4.50</i>	<i>52.00</i>			2275A2
Analysis.....	15.70	4.39	3.99	57.86	12.18	5.88	316M
Mother Goose Brand Growing Mash with Buttermilk.....	<i>17.00</i>	<i>4.30</i>	<i>4.50</i>	<i>49.00</i>			2275A3
Analysis.....	17.85	5.10	3.29	55.23	9.45	9.08	76M
Morning Glory Dairy Feed.....	<i>19.00</i>	<i>3.50</i>	<i>10.00</i>	<i>49.00</i>			2275A7
Analysis.....	18.90	4.60	9.27	49.96	11.50	5.77	135M
Analysis.....	19.02	3.64	9.15	48.21	12.67	7.31	190M
San Antonio Brewing Association, San Antonio, Texas.							
Brewers' Dried Grains.....	<i>19.00</i>	<i>6.00</i>	<i>18.50</i>	<i>40.00</i>			57A
Analysis.....	27.48	8.11	15.21	39.43	5.49	4.28	9H
Analysis.....	27.29	7.18	18.18	36.20	7.02	4.13	312H
Analysis.....	27.23	7.12	17.53	36.79	7.15	4.18	385H
Analysis.....	25.89	7.07	17.27	36.77	9.08	3.92	371M
San Antonio Oil Works, San Antonio, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			930E
Analysis.....	42.01	5.93	12.20	27.62	7.17	5.07	27H
Analysis.....	42.05	6.47	11.62	27.87	6.68	5.31	82H
Analysis.....	43.67	6.62	10.67	26.38	7.40	5.26	143H
Analysis.....	43.16	6.07	11.40	26.66	7.52	5.19	177H
Analysis.....	42.56	6.32	11.85	25.99	7.78	5.50	286H
San Benito Feed Company, San Benito, Texas.							
Mocake Brand Mixed Feed.....	<i>14.80</i>	<i>4.00</i>	<i>19.00</i>	<i>43.00</i>			1769N
Analysis.....	18.35	3.73	16.16	48.23	7.72	5.81	6T
Mocake Brand Mixed Feed.....	<i>16.50</i>	<i>4.00</i>	<i>19.00</i>	<i>43.00</i>			1769N
Analysis ³⁰⁰	17.96	4.02	17.32	41.70	11.77	7.23	367H
Sanger Mill & Elevator Company, Sanger, Texas.							
Wheat Bran, Corn Bran, and Wheat Screenings.....	<i>15.40</i>	<i>3.50</i>	<i>9.70</i>	<i>54.50</i>			651C
Analysis.....	14.66	4.08	8.98	56.21	10.75	5.32	495W

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

³⁰⁰Wheat bran found, not claimed. Deficient in corn bran.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Sanger Mill & Elevator Company, Sanger, Texas—Continued.							
Wheat Gray Shorts and Screenings...	16.00	4.00	6.00	55.00	.....	.....	651F
Analysis.....	15.83	3.91	5.49	59.62	11.56	3.59	191F
Analysis.....	16.58	4.83	5.54	59.97	9.44	3.64	505W
Blue B Chicken Mash.....	17.00	3.60	7.50	52.00	.....	.....	651P
Analysis ³⁰¹	16.06	3.99	4.06	61.85	12.00	2.04	192F
Analysis ³⁰¹	17.20	4.23	4.21	58.47	11.12	4.77	276T
Analysis ³⁰¹	16.45	4.51	4.18	58.71	11.22	4.93	341W
San Marcos Oil Mill, San Marcos, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	528I
Analysis.....	44.53	6.83	9.82	26.07	6.89	5.86	7H
Analysis.....	43.12	6.79	11.26	24.29	8.22	6.32	132H
Analysis.....	43.66	6.35	9.50	25.55	9.00	5.94	203H
Analysis.....	43.84	5.53	9.72	27.45	7.66	5.80	392H
43% Protein Cracked Cottonseed Cake.....	43.00	6.00	12.00	23.00	.....	.....	528J
Analysis.....	43.86	6.96	10.59	24.97	7.22	6.40	133H
San Saba Hatchery, San Saba, Texas.							
2-in-1 Cow Feed.....	22.50	3.50	11.50	44.00	.....	.....	424A
Analysis ³⁰²	24.18	5.00	10.91	43.80	10.26	5.85	410W
Schaub, G. P., Gatesville, Texas.							
Hi-Tex Dairy Feed.....	20.00	3.80	13.00	46.00	.....	.....	1702A
Analysis.....	21.49	4.56	11.72	48.30	7.97	5.96	77W
Hi-Tex Laying Mash.....	18.00	3.80	7.50	46.00	.....	.....	1702D
Analysis.....	19.97	5.15	6.47	48.98	8.07	11.36	488W
Scheef Bros., Marlin, Texas.							
H. B. Laying Mash.....	18.50	3.70	7.00	48.00	.....	.....	2612E
Analysis.....	16.63	4.93	6.74	54.16	9.67	7.87	148W
Schreiber Milling & Grain Company, Saint Joseph, Missouri.							
Schreiber's Feeding Oat Meal.....	16.00	5.00	3.70	60.00	.....	.....	2374A
Analysis.....	18.01	4.79	3.48	60.77	9.96	2.99	2374A
Analysis ^a	18.58	5.36	2.09	61.29	9.72	2.96	434W
Schreiber's Oat Mill Feed.....	5.00	1.00	30.00	49.00	.....	.....	2374D
Analysis ³⁰³	18.94	5.61	1.91	62.10	8.95	2.49	429T
Oatona—Fancy Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	2374G
Analysis ^{3c4 b}	17.35	4.17	6.01	58.73	10.77	2.97	258K
Schreiber's Feeding Rolled Oat Groats.....	16.00	5.00	2.00	61.00	.....	.....	2374H
Analysis ^a	19.85	6.10	1.69	60.78	9.27	2.31	460H
Schreiber's Sweet Lassy Feed.....	11.00	1.00	12.00	53.00	.....	.....	2374B3
Analysis.....	17.71	1.73	8.94	50.63	11.13	9.86	74K
Schumacher Oil Works, The H., Navasota, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	803C
Analysis ^e	43.62	5.91	10.82	27.49	6.50	5.66	47M
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	803C
Analysis ^e	42.24	6.71	12.28	26.84	6.29	5.64	262M
Analysis ^e	42.30	5.60	12.04	26.55	7.62	5.89	322M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁰¹Obsolete tags attached.³⁰²Deficient in salt.³⁰³Rolled oat groats.³⁰⁴Tags attached not in proper form.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Scott Bros. Grain Company, Inc., Fort Worth, Texas.							
Ground Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	69A
Analysis ³⁰⁵	12.75	4.10	9.88	58.40	11.26	3.61	179T
Analysis.....	11.35	4.52	<i>12.14</i>	<i>57.62</i>	9.74	4.63	322T
Cackelo Broiler Mash with Charcoal.....	<i>16.50</i>	<i>3.50</i>	<i>5.50</i>	<i>53.00</i>	.....	.....	69I
Analysis.....	18.62	5.20	<i>5.81</i>	<i>54.17</i>	8.10	8.10	482W
Pepelo Mash Feed.....	<i>19.50</i>	<i>3.00</i>	<i>8.00</i>	<i>45.00</i>	.....	.....	69L
Analysis.....	20.73	4.08	<i>7.77</i>	<i>48.97</i>	7.84	10.61	35W
Pepelo Egg Mash.....	<i>19.00</i>	<i>3.50</i>	<i>7.50</i>	<i>45.00</i>	.....	.....	69L
Analysis.....	21.33	5.23	5.79	48.12	9.84	9.69	300W
Cackelo Egg Mash.....	<i>18.80</i>	<i>3.70</i>	<i>5.20</i>	<i>48.50</i>	.....	.....	69O
Analysis.....	20.95	5.74	4.25	50.78	9.73	8.55	459M
Analysis.....	20.79	5.86	4.15	50.69	10.38	8.13	182T
Analysis.....	20.39	5.70	4.78	50.74	10.03	8.36	247W
Milkelo Dairy Feed.....	<i>22.00</i>	<i>3.30</i>	<i>12.80</i>	<i>41.20</i>	.....	.....	69P
Analysis.....	22.66	4.68	12.21	43.47	9.29	7.69	518W
Cackelo Starter with Charcoal.....	<i>14.50</i>	<i>3.00</i>	<i>5.00</i>	<i>56.00</i>	.....	.....	69Q
Analysis.....	16.56	3.66	3.76	57.55	12.34	6.13	251F
Cackelo Growing Mash with Charcoal.....	<i>16.50</i>	<i>3.50</i>	<i>4.50</i>	<i>54.00</i>	.....	.....	69R
Analysis.....	18.65	4.79	4.55	55.80	9.79	6.42	458M
Analysis ³⁰⁶	17.93	5.14	4.50	55.71	10.52	6.20	371S
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	69A4
Analysis ³⁰⁷	8.40	5.24	<i>13.67</i>	<i>60.69</i>	9.19	2.81	114T
Analysis.....	9.60	2.74	<i>10.54</i>	<i>61.06</i>	10.70	5.36	323T
Bulkelo Special Sweet Feed.....	<i>9.00</i>	<i>2.00</i>	<i>17.00</i>	<i>52.00</i>	.....	.....	69B9
Analysis.....	10.87	<i>1.64</i>	14.96	52.85	11.52	8.16	124W
Scott Feed Store, Waco, Texas.							
Scott's Dairy Feed.....	<i>19.00</i>	<i>3.80</i>	<i>11.00</i>	<i>45.50</i>	.....	.....	1799B
Analysis ^{d e}	18.77	6.03	10.35	49.77	8.14	6.94	144W
Scott Feed Store, C. W., Gatesville, Texas.							
Scott's Laying Mash.....	<i>19.00</i>	<i>3.80</i>	<i>7.00</i>	<i>45.00</i>	.....	.....	836C
Analysis.....	20.77	5.36	6.39	<i>44.53</i>	8.69	14.26	254W
Scott & Walling, Childress, Texas.							
Cottonseed Hulls, Mclasses, Cottonseed Meal, and Salt.....	<i>8.00</i>	<i>1.20</i>	<i>32.00</i>	<i>37.50</i>	.....	.....	921M
Analysis ³⁰⁸	9.25	<i>1.14</i>	<i>36.71</i>	39.94	8.80	4.16	95K
Egg-A-Day Brand Egg Mash.....	<i>19.00</i>	<i>3.50</i>	<i>7.20</i>	<i>48.50</i>	.....	.....	921N
Analysis.....	19.52	4.58	5.74	50.48	9.04	10.64	283K
Sealy Oil Mill & Manufacturing Company, Sealy, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1449C
Analysis.....	41.72	6.79	11.71	27.96	6.31	5.51	31M
Analysis.....	42.66	5.85	11.79	24.87	9.25	5.58	92M
Analysis.....	42.53	5.54	12.50	27.03	6.72	5.68	159M
Analysis.....	43.56	6.40	11.58	25.71	6.82	5.93	225M
Security Food Company, Minneapolis, Minnesota.							
Security Food Compound with Oxide of Iron.....	<i>9.80</i>	<i>4.50</i>	<i>6.00</i>	<i>54.00</i>	.....	.....	483B
Analysis.....	17.41	3.42	1.84	59.90	11.93	5.50	335M
Analysis.....	17.70	3.34	1.58	59.50	12.16	5.72	414W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁰⁵Some ground whole barley found.

³⁰⁶Excess ground oyster shell found.

³⁰⁷Excess corn husk found.

³⁰⁸Deficient in salt.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Seguin Cotton Oil Company, The, Seguin, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	673A
Analysis.....	43.13	7.29	10.40	26.27	7.11	5.80	8H
Analysis.....	<i>42.88</i>	<i>6.81</i>	<i>10.47</i>	<i>27.74</i>	<i>6.83</i>	<i>5.27</i>	33H
Analysis.....	<i>42.92</i>	<i>7.15</i>	<i>9.79</i>	<i>27.88</i>	<i>6.61</i>	<i>5.65</i>	79H
Analysis.....	<i>44.41</i>	<i>6.29</i>	<i>10.11</i>	<i>26.95</i>	<i>6.94</i>	<i>5.30</i>	128H
43% Protein Screened Cracked Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	673B
Analysis.....	43.33	6.11	10.47	26.51	8.39	5.19	57H
Analysis.....	<i>43.99</i>	<i>6.22</i>	<i>10.43</i>	<i>26.55</i>	<i>7.31</i>	<i>5.50</i>	127H
Seguin Milling Company, Seguin, Texas.							
Five X Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	.....	.....	103D
Analysis ^e	21.52	5.79	6.86	45.42	9.49	10.92	61H
Five X Laying Mash.....	<i>20.50</i>	<i>3.80</i>	<i>7.50</i>	<i>46.00</i>	.....	.....	103D
Analysis.....	21.80	5.00	6.81	45.60	9.95	10.84	274H
Analysis.....	21.20	4.87	7.39	45.66	10.45	10.43	326H
White House 24% Protein Dairy Feed.....	<i>24.00</i>	<i>4.00</i>	<i>11.00</i>	<i>41.00</i>	.....	.....	103T
Analysis ^e	22.75	3.36	9.52	44.39	12.13	7.85	260H
White House 24% Protein Dairy Feed.....	<i>24.00</i>	<i>3.70</i>	<i>11.50</i>	<i>41.00</i>	.....	.....	103T
Analysis.....	23.50	3.81	8.63	44.28	11.17	8.61	404H
Wheat Gray Shorts and Screenings.....	<i>16.50</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	103V
Analysis.....	19.30	5.07	5.48	52.87	13.21	4.07	201H
Analysis.....	19.18	4.91	5.14	56.95	9.65	4.17	450H
White House Chick Starter with Buttermilk and Cod Liver Oil.....	<i>18.00</i>	<i>3.70</i>	<i>6.70</i>	<i>48.00</i>	.....	.....	103X
Analysis.....	20.72	5.17	5.29	48.87	10.89	9.06	228H
White House Growing Mash with Buttermilk and Cod Liver Oil.....	<i>16.00</i>	<i>3.50</i>	<i>6.00</i>	<i>54.00</i>	.....	.....	103Y
Analysis.....	19.45	4.83	5.87	51.17	10.65	8.03	297H
Big "S" Brand Cow Feed.....	<i>9.00</i>	<i>1.60</i>	<i>26.00</i>	<i>42.00</i>	.....	.....	103A2
Analysis ^a	11.53	2.17	19.99	48.51	9.69	8.11	56H
Analysis ^a	12.00	2.06	20.68	46.44	10.68	8.14	62H
Analysis.....	9.10	1.48	24.35	44.10	14.25	6.72	366M
Economy Brand Dairy Feed.....	<i>18.00</i>	<i>3.20</i>	<i>13.00</i>	<i>45.50</i>	.....	.....	103A3
Analysis.....	18.80	2.57	9.74	46.58	13.23	9.08	354H
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>50.00</i>	.....	.....	103A4
Analysis.....	18.37	3.20	10.25	52.29	10.21	5.68	449H
Economy Brand Five Laying Mash.....	<i>19.00</i>	<i>3.50</i>	<i>7.50</i>	<i>46.00</i>	.....	.....	103B6
Analysis.....	20.46	4.82	7.16	46.17	9.75	11.64	250H
White House Turkey Starter with Buttermilk and Cod Liver Oil.....	<i>25.00</i>	<i>4.00</i>	<i>5.00</i>	<i>39.00</i>	.....	.....	103B9
Analysis.....	26.65	6.06	4.72	39.63	9.51	13.43	337H
Texas Cowboy Sweet Feed.....	<i>9.00</i>	<i>1.50</i>	<i>14.50</i>	<i>52.00</i>	.....	.....	103C3
Analysis.....	10.78	2.90	9.75	55.97	11.98	8.62	18H
Analysis ^e	12.79	3.58	10.15	50.89	12.46	10.13	148H
Texas Cowboy Sweet Feed.....	<i>9.00</i>	<i>2.00</i>	<i>14.00</i>	<i>50.00</i>	.....	.....	103C3
Analysis ^a	10.50	1.53	11.27	53.10	14.56	9.04	261H
Analysis.....	10.83	2.02	10.49	53.09	12.25	11.32	390H
Alamo Mixed Feed.....	<i>9.00</i>	<i>3.00</i>	<i>8.00</i>	<i>58.00</i>	.....	.....	103D2
Analysis.....	10.81	3.91	9.42	56.38	12.19	7.29	410H
White House Laying Mash with Buttermilk and Cod Liver Oil.....	<i>20.00</i>	<i>3.70</i>	<i>8.00</i>	<i>43.00</i>	.....	.....	103D3
Analysis ^e	23.85	5.48	5.90	43.31	10.66	10.80	200H
White House Laying Mash with Buttermilk and Cod Liver Oil.....	<i>20.00</i>	<i>3.70</i>	<i>6.50</i>	<i>47.00</i>	.....	.....	103D3
Analysis.....	21.40	5.44	6.82	45.66	10.55	10.13	327H
Dairy-Lass Brand Cow Feed.....	<i>11.00</i>	<i>2.20</i>	<i>12.50</i>	<i>48.00</i>	.....	.....	103D4
Analysis.....	12.00	1.71	11.19	49.40	14.68	11.02	275H
Analysis ³⁰⁹	12.36	1.79	11.73	51.90	12.32	9.90	403H
Analysis.....	13.25	1.50	13.10	47.36	13.44	11.35	365M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁰⁹Deficient in ground limestone. Excess salt found.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Seguin Milling Company, Seguin, Texas—Continued.							
Screenings, Clipped Oat By-Product, Molasses, Corn Husks, Limestone, and Salt.....	6.00	1.20	18.00	45.00	.....	.....	103D7
Analysis.....	8.35	1.32	12.81	52.42	12.88	12.22	391H
Seley & Company, James H., Los Angeles, California.							
65% Protein Sardine Meal.....	65.00	5.00	1.00	0.00	.....	.....	300A
Analysis ^{d a}	65.71	3.70	.22	6.65	8.63	15.09	340H
Serv-Us Feed Mills, Fort Worth, Texas.							
Serv-Us Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	2404D
Analysis.....	14.72	4.78	9.65	56.40	10.86	3.59	174T
Serv-Us Dairy Feed No. F with Cod Liver Oil.....	20.50	4.00	12.50	43.00	.....	.....	2404A6
Analysis.....	22.21	4.97	10.96	45.30	10.06	6.50	175T
Sharp Grain Company, La Porte, Texas.							
Sharp's Special Cow Feed.....	17.00	3.80	14.00	44.00	.....	.....	2294A
Analysis.....	18.31	6.26	12.08	46.77	9.35	7.23	79M
Analysis.....	18.55	5.35	13.39	45.91	10.74	6.06	412M
Okeh Brand Cow Feed.....	15.00	4.00	21.00	38.00	.....	.....	2294E
Analysis.....	14.50	5.17	21.55	38.52	11.41	8.85	256M
Analysis ³¹⁰	15.54	4.45	21.21	39.91	10.84	8.05	413M
Sharp's Big 11 Laying Mash.....	19.00	3.80	6.50	46.00	.....	.....	2294H
Analysis.....	20.95	5.21	5.45	47.82	10.50	10.07	255M
Shawnee Milling Company, Shawnee, Oklahoma.							
Alfalfa Meal.....	13.00	1.50	33.00	35.00	.....	.....	670B
Analysis ^{311 b}	16.76	1.38	28.65	34.78	7.53	10.96	500K
Wheat Gray Shorts and Screenings... Analysis ^{312 c}	17.92	3.82	7.15	56.60	10.04	4.47	670D 52F
Analysis.....	18.16	4.25	6.12	54.72	11.84	4.91	172F
Analysis.....	18.20	3.55	5.02	57.86	11.53	3.84	317F
Analysis.....	17.88	4.40	5.97	56.14	11.53	4.08	464H
Analysis.....	17.63	4.42	5.44	59.89	8.93	3.69	95M
Analysis.....	17.39	4.12	5.82	58.72	9.66	4.29	466M
Analysis.....	18.73	4.35	5.86	56.72	10.53	3.81	28T
Analysis.....	18.08	4.08	6.10	55.02	12.55	4.17	373W
More-Milk Brand Dairy Feed.....	20.00	4.00	12.00	46.00	.....	.....	670A4
Analysis ^a	21.37	5.61	11.52	46.98	8.93	5.59	76K
Full-Bucket Brand Cow Feed.....	9.00	1.50	27.00	36.00	.....	.....	670A5
Analysis ^a	7.59	.86	25.87	38.23	9.82	17.63	56F
Analysis ^{313 f}	19.17	5.80	9.94	48.99	10.23	5.87	159K
Shawnee Laying Mash.....	18.00	4.00	8.00	47.00	.....	.....	670B2
Analysis.....	18.60	5.19	9.43	49.00	9.65	8.13	171F
Analysis ^{a e}	18.21	5.18	9.73	48.67	9.54	8.67	78K
Analysis ^a	19.61	5.54	8.16	51.02	7.62	8.05	324F
Analysis.....	19.10	5.13	7.81	48.20	10.54	9.22	349W
Texas Five Brand Laying Mash.....	20.50	3.50	7.40	44.60	.....	.....	670C2
Analysis.....	21.65	4.98	7.15	45.60	9.38	11.24	170F
Analysis.....	21.70	4.73	6.71	45.83	10.09	10.94	277F
Shearn Feed Company, Chas. P., Houston, Texas.							
Sun-Grown Brand Laying Mash.....	18.00	3.80	6.00	50.00	.....	.....	2069C
Analysis.....	19.70	5.30	4.36	52.31	11.04	7.29	373M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³¹⁰Brewers' dried grains and ground peanut hulls found, not claimed.

³¹¹Tags incorrectly printed.

³¹²Wheat brown shorts and screenings.

³¹³Wrong and mutilated tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitro-free Extract	Moisture	Crude Ash	
Shearn Feed Company, Chas. P., Houston, Texas—Continued.							
Sun-Grown Brand Growing Mash	17.00	4.00	5.50	52.00	.....	.....	2069D
Analysis	18.04	5.23	4.69	55.72	11.04	5.28	196M
Sun-Grown Brand Baby Chick Starter Feed	15.50	4.00	4.50	52.00	.....	.....	2069E
Analysis	17.44	4.96	4.79	55.19	11.58	6.04	279M
Sun-Grown Brand Big 5 Laying Mash	20.50	3.50	7.40	44.60	.....	.....	2069H
Analysis ³¹⁴	17.85	5.21	5.59	54.34	10.16	6.85	23M
Rolled Whole Oats	11.00	4.00	12.00	58.00	.....	.....	2069K
Analysis	14.15	4.02	9.81	57.30	11.56	3.16	123M
Sun-Grown Brand 19% Protein Dairy Feed	19.00	3.00	16.00	39.20	.....	.....	2069O
Analysis ³¹⁵	18.96	2.39	17.14	39.35	13.06	9.10	195M
Eagle Brand Hen Scratch	10.20	3.00	3.00	70.00	.....	.....	2069P
Analysis	11.20	3.17	2.02	70.13	12.07	1.41	194M
Shellabarger Grain Products Company, Decatur, Illinois.							
41% Protein Soybean Oil Meal	41.00	6.00	6.00	28.00	.....	.....	1343A
Analysis ^a	44.78	5.43	5.37	28.69	10.27	5.46	352T
Shellabarger's 41% Protein Cooked Soybean Oil Meal	41.00	4.50	7.50	28.00	.....	.....	1343B
Analysis ^{d a}	44.26	6.59	5.76	29.05	8.40	5.94	364K
Shelton, Perry, Decatur, Texas.							
Whole Barley Chop	11.00	1.50	6.00	65.00	.....	.....	771C
Analysis	11.42	2.74	7.57	66.80	8.69	2.78	66T
Shiner Farmers Co-Op. Gin & Mill Association, Shiner, Texas.							
Prosperity Brand Egg Mash	20.50	3.50	7.40	44.60	.....	.....	856C
Analysis	22.00	6.02	5.82	47.61	7.85	10.70	44H
Analysis	22.27	5.78	6.38	44.52	9.60	11.45	463H
Prosperity Brand Growing Mash with Charcoal	16.50	3.60	8.00	50.00	.....	.....	856D
Analysis	18.87	4.39	7.15	51.75	10.75	7.09	347H
Prosperity Brand Starting Mash	15.50	3.50	6.00	52.00	.....	.....	856E
Analysis	18.66	5.50	5.01	54.33	10.27	6.23	346H
Shiner Community Laying Mash	19.50	3.70	7.00	48.00	.....	.....	856F
Analysis	21.69	4.95	6.58	47.76	10.20	8.82	405H
Shiner Oil Mill & Manufacturing Company, Shiner, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	.....	.....	267F
Analysis	45.69	7.10	8.76	26.41	6.20	5.84	43H
Analysis	44.57	6.32	9.36	27.54	7.13	5.08	193H
Analysis	46.78	6.58	8.37	24.82	8.16	5.29	348H
Shive Grain Company, Waxahachie, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	.....	.....	312C
Analysis	9.22	3.19	7.37	66.98	11.59	1.65	468W
Egg Mash with Charcoal	20.00	3.70	6.50	47.00	.....	.....	312F
Analysis	22.01	4.99	6.12	46.91	10.97	9.00	210W
Siebel, L. W., Carmine, Texas.							
Siebel's Best All-Mash Chick Starter with Cod Liver Oil	14.50	4.00	5.00	54.00	.....	.....	2005B
Analysis	17.80	5.73	4.25	54.98	10.21	6.97	330M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³¹⁴Rolled oat groats, corn gluten feed and linseed meal found, not claimed.³¹⁵Milo head stems claimed, not found. Ground peanut hulls found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis-tration or In-spection No.
	Crude Pro-tein	Crude Fat	Crude Fiber	Nitro-gen-free Extract	Mois-ture	Crude Ash	
Siebel, L. W., Carmine, Texas—Continued.							
Siebel's Special Lay Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	9.69	11.04	2005F
Analysis.....	21.60	4.58	6.10	46.99			332M
Siebel's Special Growing Mash.....	<i>16.00</i>	<i>3.30</i>	<i>6.50</i>	<i>60.00</i>			2005L
Analysis.....	17.55	4.19	5.80	52.80	10.79	8.87	331M
Simpson's Mill & Feed Store, Clarendon, Texas.							
Simpson's All-in-One Brand Egg Mash.....	<i>19.00</i>	<i>3.80</i>	<i>8.00</i>	<i>45.00</i>			1676J
Analysis.....	20.99	4.80	6.71	46.52	9.09	11.89	173K
Singley Bros., Wellington, Texas.							
Singley's Mixed Feed.....	<i>14.00</i>	<i>2.50</i>	<i>25.00</i>	<i>40.00</i>			1781B
Analysis.....	17.77	3.20	20.83	44.61	6.87	6.72	177K
Slaughter Feed Company, Dallas, Texas.							
Four Seasons Hen Scratch.....	<i>10.00</i>	<i>2.80</i>	<i>3.00</i>	<i>69.50</i>			1482A
Analysis.....	11.12	3.04	2.28	71.45	10.68	1.43	24R
Four Seasons Egg Mash with Char-coal.....	<i>18.50</i>	<i>3.60</i>	<i>7.00</i>	<i>57.00</i>			1482B
Analysis.....	19.10	5.67	6.96	51.17	9.69	7.41	26R
Four Seasons Growing Mash with Charcoal.....	<i>15.80</i>	<i>3.70</i>	<i>5.80</i>	<i>54.00</i>			1482C
Analysis.....	18.83	4.15	4.85	54.36	10.26	7.55	96R
Slaughter's Special Cow Feed.....	<i>17.00</i>	<i>3.20</i>	<i>10.00</i>	<i>48.00</i>			1482E
Analysis.....	19.51	5.00	9.27	50.35	8.86	7.01	25R
Analysis.....	18.90	4.24	9.31	50.80	9.90	6.85	95R
Sleeper, J. L., Waco, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>			2389C
Analysis.....	9.45	3.02	9.61	66.44	9.58	1.90	446W
Corn Feed Meal.....	<i>8.00</i>	<i>3.00</i>	<i>3.00</i>	<i>67.00</i>			2389E
Analysis ^a	9.60	4.04	1.29	73.85	9.96	1.26	25W
Red S Hen Scratch.....	<i>10.00</i>	<i>3.30</i>	<i>3.50</i>	<i>69.00</i>			2389G
Analysis.....	11.00	4.11	1.83	68.35	13.20	1.51	227W
Sleco Brand Egg Mash.....	<i>18.50</i>	<i>3.60</i>	<i>7.50</i>	<i>47.00</i>			2389K
Analysis.....	20.17	4.96	5.42	50.91	8.64	9.90	530W
Sleco Brand Cow Feed.....	<i>16.50</i>	<i>3.60</i>	<i>11.00</i>	<i>51.00</i>			2389P
Analysis.....	17.80	4.53	10.72	52.32	8.71	5.92	48W
Small Hay & Grain Company, The W. J., Neodesha, Kansas.							
Keystone Brand 17% Protein De-hydrated Alfalfa Meal.....	<i>17.00</i>	<i>1.70</i>	<i>27.00</i>	<i>35.00</i>			882E
Analysis ^{a e}	18.40	3.09	22.31	38.19	6.01	12.00	20H
Smith Milling Company, G. B. R., Sherman, Texas.							
Wheat Bran and Screenings.....	<i>16.00</i>	<i>3.50</i>	<i>10.00</i>	<i>50.00</i>			1007I
Analysis.....	16.64	4.56	11.16	50.92	9.41	7.31	63M
Analysis.....	16.80	4.05	10.21	51.24	11.22	6.48	341S
Analysis.....	16.82	4.66	10.81	50.72	9.98	7.01	145T
Wheat Gray Shorts and Screenings.....	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>			1007V
Analysis.....	19.10	4.50	5.88	54.33	11.86	4.33	259F
Analysis ^{316 b c}	19.56	4.49	6.59	53.20	10.99	5.17	117M
Analysis.....	19.53	4.40	5.82	53.51	12.37	4.37	218M
Analysis ^{316 b c}	18.11	4.69	6.96	54.01	11.25	4.98	144T
Analysis ^{316 c}	18.65	4.39	6.53	53.65	12.06	4.72	309W
Analysis ^{316 e}	18.92	4.78	6.68	52.63	12.19	4.80	397W
Analysis ^{316 e}	18.75	4.38	6.45	55.56	10.07	4.79	515W

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.
³¹⁶Wheat brown shorts and screenings.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Smith Milling Company, G. B. R., Sherman, Texas—Continued.							
Wheat Germ.....	30.00	10.00	2.50	45.00	.....	.....	1007A1
Analysis ^a	32.09	9.03	3.38	41.63	8.72	5.15	360K
Analysis.....	30.85	9.12	3.26	40.65	10.66	5.46	435K
Smith's Hatchery & Feed Store, El Paso, Texas.							
Red Star Chick Starter with Charcoal.....	17.00	4.50	5.00	54.00	.....	.....	620C
Analysis.....	17.10	5.45	3.42	57.61	10.88	5.54	300S
Red Star Growing Mash with Charcoal.....	19.00	3.80	5.20	48.00	.....	.....	620D
Analysis ³¹⁷	21.35	5.52	4.89	50.63	7.78	9.83	402S
Blue Star Laying Mash with Charcoal.....	20.00	3.90	7.00	46.00	.....	.....	620E
Analysis.....	22.69	6.12	4.58	48.95	9.99	7.67	155S
Smith's Red Star Dairy Feed with Charcoal.....	15.00	3.00	8.50	50.00	.....	.....	620G
Analysis.....	22.28	5.37	10.16	47.00	7.70	7.49	21S
Smith's Red Star Laying Mash with Charcoal.....	19.30	4.00	6.70	45.50	.....	.....	620M
Analysis.....	23.35	6.55	5.56	49.82	8.07	6.65	20S
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	620P
Analysis.....	55.07	12.72	2.62	1.60	4.63	23.36	403S
Blue Star Dairy Feed.....	17.00	3.20	10.00	49.00	.....	.....	620V
Analysis.....	18.92	3.93	8.38	50.25	10.92	7.60	233S
Red Star Fattening Mash.....	14.00	3.70	4.50	58.00	.....	.....	620A1
Analysis.....	14.80	4.80	3.82	63.08	9.95	3.55	366S
Red Star Broiler Mash.....	17.00	3.50	5.00	52.00	.....	.....	620A2
Analysis.....	17.40	5.89	3.43	55.99	9.56	7.73	365S
Smithville Oil Mill Company, Smithville, Texas.							
41 12% Protein Ground Cottonseed Feed.....	41.12	5.00	14.00	26.00	.....	.....	448B
Analysis.....	42.85	6.61	11.26	26.02	7.43	5.83	73H
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	448C
Analysis ^c	42.99	6.56	11.47	26.23	7.90	5.75	139H
Analysis.....	43.46	7.41	9.23	24.91	8.45	6.54	270H
Snelson's Grocery & Market, Ysleta, Texas.							
Snelson's Laying Mash.....	18.50	3.50	6.50	46.00	.....	.....	2528A
Analysis.....	19.20	5.19	6.55	51.02	8.27	9.77	145S
Analysis.....	18.70	4.76	6.19	52.12	8.34	9.89	446S
Snelson's Dairy Feed.....	19.00	4.00	11.00	45.00	.....	.....	2528C
Analysis.....	20.85	4.99	8.12	51.16	7.01	7.87	11S
Southland Cotton Oil Company, Corsicana, Texas.							
Southland 18% Protein Readimix.....	18.00	2.50	28.00	29.00	.....	.....	548A
Analysis ³¹⁸	21.99	3.10	25.64	34.44	8.67	6.16	156F
Analysis.....	18.10	1.82	24.65	38.93	9.70	6.80	270F
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	25.00	.....	.....	548H
Analysis ^c	40.66	6.56	12.35	26.89	7.49	6.05	79F
Analysis.....	43.15	6.00	11.02	27.38	6.77	5.68	158F
Analysis ^c	42.14	5.41	11.19	26.93	8.77	5.56	313F
Analysis.....	46.10	5.61	9.58	25.61	7.19	5.91	408F
Analysis ^c	41.68	5.68	11.85	27.26	7.96	5.57	461F
Analysis ^c	42.47	6.41	10.90	26.90	7.59	5.73	156H
Analysis ^c	42.09	5.63	11.69	27.12	7.89	5.58	233H
Analysis.....	43.30	5.38	11.19	28.22	5.82	6.09	441M
Analysis ^c	42.28	5.96	11.70	27.77	6.77	5.52	118T
Analysis ^b	42.00	5.25	12.16	27.44	7.40	5.75	245T
Analysis.....	43.39	6.29	11.54	26.22	7.11	5.45	432T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³¹⁷Cod liver oil found, not claimed. Tags incorrectly printed.³¹⁸Deficient in ground oyster shell.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Southland Cotton Oil Company, Corsicana, Texas—Continued.							
43% Protein Cottonseed Meal—Cont.							
Analysis <i>a</i>	41.28	6.08	11.35	28.27	7.47	5.55	21W
Analysis	42.97	5.35	10.81	28.17	6.99	5.71	110W
Analysis <i>e</i>	42.36	6.04	12.49	26.79	6.77	5.55	119W
Analysis <i>e</i>	41.60	5.31	12.85	28.42	6.28	5.54	204W
43% Protein Screened Cracked Cottonseed Cake	43.00	5.20	12.00	25.00			548I
Analysis	44.26	5.83	10.41	27.45	6.26	5.79	126H
Analysis	42.74	4.68	11.82	28.24	6.81	5.71	234H
Analysis	43.78	5.44	10.36	26.18	8.59	5.65	235H
Analysis	43.77	5.94	10.52	27.10	7.25	5.42	119T
Analysis	43.05	5.23	10.89	27.18	8.01	5.64	120T
Analysis	43.09	5.42	11.99	27.82	5.96	5.72	205W
Southland Mixed Feed	11.00	1.60	42.50	28.50			548J
Analysis	11.30	1.95	34.56	42.08	7.04	3.07	326W
Southland Cotton Oil Company, Paris, Texas.							
Southland's 16% Protein Readimix	16.00	2.00	30.00	29.00			290A
Analysis	16.83	2.45	28.62	35.51	9.53	7.06	109F
Southland's 43% Protein Cottonseed Meal	43.00	5.00	12.00	23.00			290H
Analysis	42.58	6.12	12.31	27.23	5.71	6.05	26F
Analysis	44.30	6.07	10.15	26.40	6.98	6.10	167F
Analysis	43.07	6.31	11.50	26.68	6.43	6.01	195F
Analysis	43.06	5.82	11.76	26.20	7.38	5.78	305F
Analysis	42.66	6.10	11.66	25.91	7.70	5.97	453F
Southland's Mixed Feed	11.00	1.60	43.00	28.00			290L
Analysis	11.48	1.41	37.71	37.14	8.64	3.62	452F
Southland Cotton Oil Company, Shreveport, Louisiana.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			421B
Analysis	44.56	6.65	9.79	26.34	6.65	6.01	123F
Analysis	43.18	6.74	10.85	25.89	6.96	6.38	289F
Analysis	43.36	6.30	9.80	27.18	7.13	6.23	106M
Analysis	44.38	7.36	8.38	24.92	8.58	6.38	207M
41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			421C
Analysis <i>a</i>	41.12	5.98	11.47	26.33	8.86	6.24	333F
Southland's Mixed Feed	11.00	1.60	42.50	28.00			421E
Analysis	11.00	2.14	35.34	38.83	9.14	3.55	291F
Southland Cotton Oil Company, Temple, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			679C
Analysis	44.55	5.60	9.71	28.84	5.34	5.96	14W
Analysis	43.65	6.70	11.32	27.23	5.48	5.62	41W
Analysis	44.03	7.46	9.78	26.30	6.66	5.77	102W
Analysis	42.57	7.22	11.09	26.84	6.72	5.56	168W
43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			679D
Analysis	43.62	6.38	10.03	27.45	6.74	5.78	172W
Analysis	44.10	5.65	10.48	27.27	6.91	5.59	342W
Southland's Mixed Feed	11.00	1.60	42.50	29.00			679F
Analysis	11.05	1.79	36.77	41.01	5.99	3.39	95W
Southland's 16% Protein Readimix	16.00	2.00	30.00	29.00			679K
Analysis	17.60	2.13	30.75	34.13	8.54	6.85	502W
Southland Cotton Oil Company, Waxahachie, Texas.							
Southland's Readimix Brand Mixed Feed	11.00	1.60	42.50	28.50			536B
Analysis	12.12	2.61	36.64	39.48	5.72	3.43	39W
Analysis	13.20	2.94	34.24	39.23	7.27	3.12	303W

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Southland Cotton Oil Company, Waxahachie, Texas—Continued.							
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	536G
Analysis ^b ^c	39.61	6.50	13.20	29.44	6.00	5.25	69K
Analysis ^c	42.23	6.08	11.35	26.40	7.33	6.61	153K
Analysis ^c	40.96	6.30	12.33	26.18	7.40	6.83	385T
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	536H
Analysis.....	43.50	7.30	9.52	25.07	7.59	7.02	171H
Analysis ^b ^c	41.18	6.36	11.39	27.01	7.86	6.20	376H
Analysis ^c	41.61	7.04	10.95	25.87	8.02	6.51	110M
Analysis.....	42.58	7.23	11.96	24.43	7.22	6.58	283M
Analysis ^c	42.42	6.84	10.89	26.45	7.32	6.08	103S
Analysis.....	42.88	6.39	11.28	26.42	6.54	6.49	128S
Analysis ^b ^c	40.74	6.03	11.98	26.97	7.68	6.60	253T
Analysis ^b ^c	40.30	6.22	11.53	28.44	6.92	6.59	317T
Analysis ^b ^c	41.81	6.96	11.89	26.01	6.99	6.34	391T
Analysis ^c	40.27	6.31	12.88	29.78	5.45	5.31	37W
Analysis ^c	41.32	6.62	11.51	26.99	7.15	6.41	84W
Analysis.....	42.74	6.90	10.54	27.03	6.89	5.90	126W
Analysis.....	43.10	6.99	10.59	26.57	7.02	5.73	130W
Analysis ^c	41.27	6.93	11.78	26.81	6.57	6.64	376W
Analysis ^c	42.44	6.84	11.20	26.18	7.07	6.27	460W
South Texas Cotton Oil Company, Brownsville, Texas.							
28% Protein Whole-Pressed Cottonseed.....	<i>28.00</i>	<i>5.00</i>	<i>23.00</i>	<i>29.00</i>	.....	.....	1565B
Analysis.....	28.71	4.92	22.75	31.26	7.66	4.70	302H
28% Protein Ground Whole-Pressed Cottonseed.....	<i>28.00</i>	<i>5.00</i>	<i>23.00</i>	<i>29.00</i>	.....	.....	1565D
Analysis.....	28.72	5.05	23.44	32.96	5.11	4.72	96H
Analysis.....	28.02	5.24	22.46	33.31	6.44	4.53	160H
South Texas Cotton Oil Company, Corpus Christi, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	319A
Analysis ³¹⁹	41.66	5.67	12.12	27.61	7.23	5.71	91H
Analysis.....	42.52	5.60	11.13	27.13	8.03	5.59	227H
Analysis ^c	42.30	6.01	11.27	27.48	7.00	5.94	365H
Analysis.....	43.74	5.65	10.36	26.88	7.68	5.69	423H
Analysis.....	43.25	5.80	10.97	27.29	7.36	5.33	428H
41.12% Protein Ground Cottonseed Feed.....	<i>41.12</i>	<i>5.00</i>	<i>14.00</i>	<i>26.00</i>	.....	.....	319I
Analysis ³¹⁹	40.77	5.72	12.58	28.40	7.05	5.48	147H
South Texas Cotton Oil Company, Harlingen, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1129B
Analysis.....	42.23	5.30	11.61	26.35	8.76	5.75	158H
Analysis.....	42.86	5.33	10.85	26.86	8.31	5.79	237H
28% Protein Ground Whole-Pressed Cottonseed.....	<i>28.00</i>	<i>5.00</i>	<i>23.00</i>	<i>29.00</i>	.....	.....	1129C
Analysis.....	29.04	5.23	22.45	31.99	6.42	4.87	371H
Analysis.....	28.61	5.59	23.93	31.02	5.79	5.06	430H
South Texas Cotton Oil Company, Hearne, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	220F
Analysis.....	42.81	5.32	11.05	26.13	8.45	6.24	247H
Analysis.....	42.50	5.48	11.33	26.88	7.59	6.22	174M
Analysis ^c	42.40	5.48	11.32	28.30	6.61	5.89	96W
Analysis ³¹⁹ ^c	42.23	5.62	11.32	27.86	7.24	5.73	106W
Analysis ^c	40.22	5.61	11.47	28.95	8.11	5.64	108W
Analysis.....	43.37	5.63	11.21	27.04	6.94	5.81	192W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.
³¹⁹Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
South Texas Cotton Oil Company, Hearne, Texas—Continued.							
43% Protein Cottonseed Meal—Cont.							
Analysis	42.62	5.57	11.08	26.94	8.19	5.60	193W
Analysis ^c	40.34	5.44	12.26	27.58	8.68	5.70	269W
43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00			220G
Analysis ^c	42.43	5.55	11.05	26.45	8.59	5.93	180H
Analysis ³¹⁹	43.90	5.49	10.43	26.95	7.37	5.86	85W
South Texas Cotton Oil Company, Houston, Texas.							
43% Protein Cottonseed Meal	43.00	5.00	12.00	23.00			1218E
Analysis ^c	42.11	5.15	12.57	28.26	6.24	5.67	72M
Analysis ^c	42.12	5.70	11.48	26.78	8.13	5.79	182M
Analysis ^c	42.15	5.18	12.04	26.21	8.83	5.59	308M
South Texas Cotton Oil Company, Taylor, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1883C
Analysis	43.10	6.19	10.24	27.15	7.57	5.75	100W
Analysis ^c	42.28	5.84	10.99	28.26	7.00	5.63	183W
43% Protein Pea-Size Cottonseed Cake	43.00	6.00	12.00	23.00			1883F
Analysis ³¹⁹	45.25	5.99	9.45	26.71	6.83	5.77	91W
Analysis	44.32	5.27	10.24	26.97	7.24	5.96	171W
Analysis	42.95	5.04	11.74	26.11	8.37	5.79	345W
43% Protein Sheep-Size Cottonseed Cake	43.00	6.00	12.00	23.00			1883G
Analysis	44.78	4.98	10.26	27.12	7.24	5.62	263W
South Texas Cotton Oil Company, Victoria, Texas.							
Victoria Mixed Feed	11.00	1.60	42.50	28.50			309C
Analysis	10.21	1.51	38.94	38.03	8.10	3.21	456H
43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00			309K
Analysis	45.19	5.58	10.11	25.93	7.10	6.09	114H
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			309L
Analysis	42.03	6.05	10.82	28.46	7.19	5.45	37H
Analysis	42.51	6.60	11.34	27.02	7.00	5.53	115H
Analysis ^c	42.16	6.77	10.55	27.49	7.53	5.50	188H
Analysis	44.36	6.71	9.31	26.63	7.40	5.59	279H
Analysis ^c	42.20	6.42	10.80	27.50	7.69	5.39	402H
Analysis	42.64	6.69	10.06	26.28	8.86	5.47	342M
South Texas Feed Company, Houston, Texas.							
Rolled Whole Oats	11.00	4.00	12.00	58.00			214F
Analysis	9.56	5.59	12.15	57.98	10.93	3.79	414M
Egaday Brand Starter Mash	19.00	3.50	5.60	47.00			214K
Analysis	20.76	5.24	4.11	53.09	9.46	7.34	141M
Sotex Horse and Mule Feed	11.00	3.60	10.00	60.00			214O
Analysis	10.69	4.37	8.67	60.13	11.47	4.67	465M
Circle Four Stock Feed	9.50	1.70	16.00	46.00			214W
Analysis ³²⁰	8.50	1.22	25.27	40.49	12.14	12.38	338M
Sotex Dairy Feed with Molasses	24.00	3.80	13.00	39.50			214A4
Analysis	26.05	3.79	12.30	38.50	10.38	8.98	275M
Satisfaction Brand Laying Mash	21.00	3.60	8.00	45.00			214A5
Analysis	20.67	5.48	6.36	48.86	9.78	8.85	54M
Satisfaction Brand Sweet Feed	9.00	1.80	15.00	48.00			214B1
Analysis	7.79	1.08	20.02	45.78	14.59	10.74	285M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³¹⁹Obsolete tags attached.

³²⁰Excess ground rice hulls found. Deficient in ground screenings. Ground peanut hulls found, not claimed. Sample slightly fermented.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
South Texas Feed Company,							
Houston, Texas—Continued.							
Rice Hulls, Molasses, Peanut Hulls, Screenings, and Rice Bran.....	5.00	1.00	30.00	38.00	.....	.....	214B6
Analysis.....	4.82	.71	28.86	38.96	13.81	12.84	211M
Analysis ^{a e}	5.20	.95	31.16	33.89	16.19	12.61	285W
Rice Hulls, Molasses, Corn Chop, Alfalfa Stem Meal, Screenings, and Oat Hulls.....	5.00	1.00	28.00	45.00	.....	.....	214B6
Analysis.....	5.60	1.17	25.10	42.72	13.45	11.96	344M
Green Pasture Mixed Feed.....	11.00	1.20	26.00	41.00	.....	.....	214B9
Analysis.....	9.50	.65	22.54	44.33	14.35	8.63	69M
Sotex 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	.....	.....	214D4
Analysis.....	50.35	10.17	1.72	.05	5.54	32.17	13M
High-Kick Brand Dairy Feed.....	16.00	3.00	14.00	52.00	.....	.....	214D5
Analysis.....	18.88	3.43	15.07	42.62	11.63	8.37	173M
Special 24% Protein Dairy Ration.....	24.00	4.60	24.00	31.00	.....	.....	214D8
Analysis.....	23.65	5.63	22.56	31.69	9.89	6.58	357M
Satisfaction Brand Laying Mash Pellets.....	19.50	3.70	7.50	46.00	.....	.....	214D9
Analysis.....	21.70	4.52	6.19	47.78	10.93	8.88	193M
Southwestern Milling Division of Standard Milling Company, The,							
Kansas City, Missouri.							
Red Turkey Wheat Gray Shorts and Screenings.....	16.00	3.70	6.00	55.00	.....	.....	568C
Analysis ³²¹	18.35	4.64	6.40	55.93	10.19	4.49	115M
Southwestern Peanut Company,							
Abilene, Texas.							
Ground Peanut Screenings.....	14.00	6.00	21.00	41.00	.....	.....	648B
Analysis.....	14.00	7.03	25.93	36.34	7.99	8.71	4S
Peanut Hulls, Cottonseed Hulls, Molasses, and Cottonseed Meal.....	8.70	1.30	38.70	34.00	.....	.....	648H
Analysis.....	8.80	.92	36.87	35.36	12.82	5.23	281S
Spur Grain and Coal Company,							
Spur, Texas.							
Spur Cow Feed.....	14.00	2.30	20.00	46.00	.....	.....	1347R
Analysis.....	15.70	2.66	16.93	47.06	8.55	9.10	13K
Spur's No. 9 Egg Mash.....	20.00	3.60	7.50	44.00	.....	.....	1347S
Analysis ³²²	22.60	4.97	6.53	49.54	6.70	9.66	12K
Staffel Company, Ferd,							
San Antonio, Texas.							
Staffel's Super-Six Brand Starter.....	14.00	3.20	5.50	48.00	.....	.....	2232B
Analysis.....	16.51	4.99	6.28	55.72	9.81	6.69	315H
Staffel's Laying Mash with Charcoal.....	21.00	4.00	5.50	44.00	.....	.....	2232K
Analysis.....	21.80	6.10	5.50	46.07	8.93	11.60	77H
Staffel's Starter with Buttermilk.....	16.50	3.90	5.50	54.00	.....	.....	2232M
Analysis ³²³	18.51	5.46	3.88	54.55	10.49	7.11	290H
Maltine Cow Feed.....	22.00	4.00	13.00	42.00	.....	.....	2232Q
Analysis.....	25.27	4.49	12.48	43.27	8.50	5.99	418H
Fairland's Dairy Feed.....	17.50	3.00	8.00	44.00	.....	.....	2232R
Analysis ^{324 e}	19.56	3.12	8.53	50.22	11.49	7.08	76H
Fairland's Dairy Feed.....	19.50	3.00	9.00	45.00	.....	.....	2232R
Analysis.....	21.69	3.22	8.22	48.62	11.77	6.48	252H
Staffel's Growing Mash with Charcoal.....	16.00	3.40	6.70	50.00	.....	.....	2232S
Analysis.....	20.16	4.78	6.66	52.43	8.22	7.75	440H

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³²¹Wheat brown shorts and screenings.³²²Excess ground oyster shell found.³²³Tags incorrectly printed.³²⁴Deficient in salt.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. <i>Brand Name.</i>	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Staffel Company, Ferd.							
San Antonio, Texas—Continued.							
50% Protein Meat and Bone Scraps..	<i>50.00</i>	<i>6.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	2232W
Analysis.....	49.05	12.46	1.86	1.17	5.36	30.10	78H
Staffel's Longhorn Mixed Feed.....	<i>11.00</i>	<i>2.20</i>	<i>19.70</i>	<i>41.50</i>	.....	.....	2232X
Analysis.....	10.83	1.43	22.55	41.35	10.54	13.30	251H
Analysis.....	10.79	1.45	21.59	39.06	11.26	15.85	172H
Analysis ^e	10.97	1.22	22.39	39.89	11.19	14.34	251H
Staffel's Longhorn Mixed Feed.....	<i>11.00</i>	<i>2.20</i>	<i>19.50</i>	<i>42.50</i>	.....	.....	2232X
Analysis.....	11.50	2.15	22.51	38.45	10.20	15.19	417H
Staffel's Sweet Sixteen Dairy Feed.....	<i>16.00</i>	<i>3.50</i>	<i>10.00</i>	<i>53.00</i>	.....	.....	2232A3
Analysis.....	16.40	3.51	8.96	55.56	9.22	6.35	108H
Analysis.....	16.50	3.74	9.36	52.25	11.65	6.50	380H
Staffel's Five Star Brand Laying Mash	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	.....	.....	2232C7
Analysis.....	22.81	6.38	6.93	45.34	7.08	11.46	439H
Pendleton Laying Mash with Charcoal.	<i>18.00</i>	<i>3.50</i>	<i>6.20</i>	<i>47.50</i>	.....	.....	2232E7
Analysis.....	19.61	5.34	6.35	49.70	9.05	9.95	109H
Analysis.....	19.85	5.06	6.52	48.60	9.97	10.00	253H
Staley Manufacturing Company, A. E.,							
Decatur, Illinois.							
Staley's Corn Gluten Feed.....	<i>25.00</i>	<i>1.50</i>	<i>8.00</i>	<i>37.00</i>	.....	.....	295A
Analysis.....	30.14	2.56	6.93	44.10	7.73	8.54	491K
41% Protein Soybean Oil Meal.....	<i>41.00</i>	<i>4.00</i>	<i>7.00</i>	<i>29.00</i>	.....	.....	295B
Analysis.....	44.53	4.26	6.77	31.14	7.08	6.22	517K
Analysis.....	41.70	4.01	5.76	30.23	12.57	5.73	57R
Staley's Corn Oil Meal.....	<i>18.00</i>	<i>5.00</i>	<i>11.00</i>	<i>45.00</i>	.....	.....	295C
Analysis.....	22.59	5.53	10.56	49.84	8.94	2.54	81R
Stamford Cotton Oil Mill,							
Stamford, Texas.							
Chuck Wagon Brand 43% Protein	.....	.....	.....	.....	.....	.....	.....
Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	439C
Analysis.....	43.65	6.28	10.63	26.55	7.02	5.87	97S
Chuck Wagon Brand 43% Protein	.....	.....	.....	.....	.....	.....	.....
Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	439H
Analysis.....	45.11	6.33	10.24	26.37	5.52	6.43	62S
Analysis.....	44.28	7.06	11.19	26.63	5.20	5.64	65S
Analysis.....	42.98	6.58	10.51	27.78	6.57	5.58	130S
Analysis ^e	41.68	8.14	11.22	26.39	7.16	5.41	204S
Analysis.....	44.37	6.63	9.84	26.42	7.22	5.52	273S
Analysis ^e	41.33	7.81	12.19	26.44	6.46	5.77	33T
Analysis.....	44.43	6.73	9.74	26.10	7.15	5.85	378T
Chuck Wagon Brand 43% Protein	.....	.....	.....	.....	.....	.....	.....
Cottonseed Pellets.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	439J
Analysis ^{b c}	41.07	8.08	11.11	26.79	7.45	5.50	224K
Stamford Mill & Elevator Company,							
Stamford, Texas.							
Number Five Egg Laying Mash.....	<i>20.00</i>	<i>3.50</i>	<i>7.50</i>	<i>44.00</i>	.....	.....	66C
Analysis.....	21.75	5.34	6.13	47.27	8.94	10.57	383S
Analysis.....	20.18	4.68	5.90	51.40	9.50	8.34	465S
Our Best Brand Starter with Minerals.	<i>18.50</i>	<i>3.80</i>	<i>6.00</i>	<i>50.00</i>	.....	.....	66K
Analysis.....	20.36	4.98	5.28	50.29	11.37	7.72	275S
Our Best Brand Laying Mash with	.....	.....	.....	.....	.....	.....	.....
Minerals.....	<i>19.50</i>	<i>3.70</i>	<i>6.00</i>	<i>47.00</i>	.....	.....	66L
Analysis.....	20.65	4.98	5.46	48.66	11.20	9.05	205S
Analysis.....	21.40	4.71	5.07	50.96	8.82	9.04	466S
Our Best Brand Growing Mash with	.....	.....	.....	.....	.....	.....	.....
Minerals.....	<i>17.00</i>	<i>3.60</i>	<i>6.00</i>	<i>52.00</i>	.....	.....	66M
Analysis.....	18.62	4.41	4.76	53.93	9.97	8.31	332S
Wheat Gray Shorts and Screenings...	<i>16.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	66A9
Analysis.....	18.44	3.83	4.91	58.75	10.58	3.49	419S
Analysis ^a	18.46	3.61	5.16	59.94	9.61	3.22	451T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Stamford Mill & Elevator Company, Stamford, Texas—Continued.							
Monarch Milk-Maker.....	<i>17.50</i>	<i>4.00</i>	<i>9.00</i>	<i>50.00</i>	.....	.....	66B5
Analysis.....	18.91	4.77	7.36	52.38	10.41	6.17	333S
Monarch Laying Mash.....	<i>18.00</i>	<i>3.50</i>	<i>7.80</i>	<i>48.10</i>	.....	.....	66B6
Analysis.....	20.80	4.88	4.70	51.17	9.63	8.82	464S
Stanard-Tilton Milling Company, Dallas, Texas.							
Wheat Gray Shorts.....	<i>16.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	51C
Analysis.....	16.30	4.54	5.63	59.55	9.69	4.29	112K
Analysis.....	17.46	4.79	5.73	57.25	10.42	4.35	392S
Analysis.....	16.70	4.67	6.12	57.63	10.88	4.00	431W
Wheat Bran and Screenings.....	<i>14.50</i>	<i>3.00</i>	<i>10.00</i>	<i>53.00</i>	.....	.....	51K
Analysis.....	16.63	3.85	8.83	54.91	10.06	5.72	8T
Hominy Feed.....	<i>10.00</i>	<i>6.00</i>	<i>7.00</i>	<i>60.00</i>	.....	.....	51L
Analysis.....	12.32	7.07	5.75	61.52	9.62	3.72	460S
Standard Milling Company, The, Lubbock, Texas.							
Stanton's Milk-Producer.....	<i>18.00</i>	<i>3.00</i>	<i>14.00</i>	<i>49.00</i>	.....	.....	1430I
Analysis.....	19.03	3.02	10.75	50.70	9.16	7.34	50K
Stanton's Laying Mash with Fish Meal, Kelp, and Fortified Cod Liver Oil.....	<i>19.00</i>	<i>3.50</i>	<i>7.00</i>	<i>48.50</i>	.....	.....	1430M
Analysis.....	20.85	4.76	6.11	52.02	8.25	8.01	19K
Stanton's Growing Mash with Kelp, Fish Meal, Dried Buttermilk, Cod Liver Oil, and Charcoal.....	<i>17.00</i>	<i>3.50</i>	<i>7.00</i>	<i>50.00</i>	.....	.....	1430P
Analysis.....	19.08	5.00	6.60	54.73	7.92	6.67	443K
Stanton's Chick Starter with Kelp, Fish Meal, Dried Buttermilk, Cod Liver Oil, and Charcoal.....	<i>18.00</i>	<i>3.50</i>	<i>7.40</i>	<i>47.00</i>	.....	.....	1430Q
Analysis.....	19.88	4.64	5.69	54.19	8.57	7.03	356K
Stanton's Balanced Ration Hog Feed.....	<i>16.00</i>	<i>3.50</i>	<i>6.50</i>	<i>56.00</i>	.....	.....	1430Z
Analysis.....	20.16	4.89	6.07	51.72	8.43	8.73	490K
Stanton's Chick and Broiler Mash with Kelp and Fish Meal.....	<i>16.00</i>	<i>3.50</i>	<i>5.50</i>	<i>54.00</i>	.....	.....	1430A6
Analysis.....	17.53	4.52	5.70	55.29	8.03	8.93	446K
Stanton's Sweetmix Feed.....	<i>12.00</i>	<i>2.00</i>	<i>14.00</i>	<i>49.00</i>	.....	.....	1430B3
Analysis.....	12.30	1.56	13.44	51.68	8.29	12.73	32K
Stanton's Lub-Tex Brand Egg Mash.....	<i>18.00</i>	<i>3.50</i>	<i>8.00</i>	<i>47.00</i>	.....	.....	1430B4
Analysis.....	18.05	4.40	8.23	51.83	9.17	8.32	101K
Analysis.....	18.42	4.19	8.71	50.93	9.96	7.79	216K
Stanton's Capitol Cattle Cubes.....	<i>12.00</i>	<i>2.50</i>	<i>8.50</i>	<i>55.00</i>	.....	.....	1430C8
Analysis.....	14.14	2.79	6.41	58.96	10.72	6.98	217K
Stanton's Capitol Sheep Cubes.....	<i>12.00</i>	<i>2.50</i>	<i>10.00</i>	<i>54.00</i>	.....	.....	1430C9
Analysis.....	14.61	3.35	7.04	57.67	9.53	7.80	106S
Stanton's Lub-Tex Brand Egg Mash Pellets.....	<i>18.00</i>	<i>3.50</i>	<i>8.00</i>	<i>47.00</i>	.....	.....	1430D7
Analysis ³²⁵	19.53	4.59	8.67	48.22	9.16	9.83	37K
Stanton's Pullet Mash.....	<i>15.00</i>	<i>3.30</i>	<i>8.00</i>	<i>50.00</i>	.....	.....	1430D9
Analysis.....	16.65	4.92	8.03	52.73	8.19	9.48	444K
Ground Stalks and Stems from Kafir, Hegari, Milo, and Cane with Molasses.....	<i>4.50</i>	<i>0.80</i>	<i>20.00</i>	<i>55.00</i>	.....	.....	1430E2
Analysis ³²⁶	6.57	1.03	17.60	56.10	9.72	8.98	72K
Stanton's Milo Meal, Kafir Meal, and Molasses.....	<i>8.70</i>	<i>2.50</i>	<i>3.00</i>	<i>68.00</i>	.....	.....	1430E3
Analysis ³²⁷	11.11	2.52	2.32	69.29	12.63	2.13	537K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³²⁵Tags incorrectly printed.³²⁶Short in weight. Each sack even-weighted and sale resumed.³²⁷Deficient in cane molasses.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No
	Crude Protein	Crude Fat	Crude Fiber	Nitro-free Extract	Moisture	Crude Ash	
Standard Rice Company, Inc., Houston, Texas.							
Rice Polish containing Carbonate of Lime.....	<i>11.00</i>	<i>10.00</i>	<i>4.00</i>	<i>55.00</i>	.....	.....	247D
Analysis.....	11.65	13.63	3.02	47.25	9.51	14.94	303M
Rice Bran.....	<i>12.00</i>	<i>12.00</i>	<i>15.00</i>	<i>35.00</i>	.....	.....	247G
Analysis.....	14.60	15.26	11.69	38.96	8.04	11.45	35M
Analysis.....	14.08	15.88	12.67	39.82	7.99	9.56	214M
Standard Soybean Mills, Centerville, Iowa.							
41% Protein Soybean Oil Meal.....	<i>41.00</i>	<i>4.50</i>	<i>7.00</i>	<i>30.00</i>	.....	.....	2067A
Analysis.....	40.54	5.59	5.67	30.08	12.07	6.05	240M
Analysis.....	43.40	5.44	5.25	29.73	9.60	6.58	406W
Star Mill & Elevator Company, Hennessey, Oklahoma.							
Liberty Laying Mash with Charcoal.....	<i>18.00</i>	<i>3.50</i>	<i>7.00</i>	<i>47.00</i>	.....	.....	88E
Analysis.....	20.24	4.64	6.70	51.06	10.08	7.28	215F
Wheat Gray Shorts and Screenings.....	<i>16.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	88S
Analysis ^{328 b}	18.60	4.27	6.72	54.29	11.33	4.79	207W
Analysis.....	19.28	5.11	5.22	55.96	10.23	4.20	437W
State Line Milling Company, Kiowa, Kansas.							
Wheat Gray Shorts and Screenings.....	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	1297F
Analysis ³²⁹	18.57	3.85	5.38	57.06	10.72	4.42	404F
Analysis ³²⁹	18.10	3.86	5.90	54.00	13.39	4.75	234M
Steinhagen Rice Milling Company, Beaumont, Texas.							
Rice Polish.....	<i>11.00</i>	<i>6.00</i>	<i>4.00</i>	<i>55.00</i>	.....	.....	1572A
Analysis.....	13.72	14.37	3.12	50.88	10.52	7.39	102M
Rice Bran containing Precipitated Carbonate of Lime.....	<i>13.00</i>	<i>13.00</i>	<i>15.00</i>	<i>38.00</i>	.....	.....	1572B
Analysis ³⁷⁰	12.32	14.81	16.60	34.50	7.01	14.76	103M
Analysis.....	11.89	14.33	13.26	39.64	8.25	12.63	289M
Analysis.....	14.00	15.50	12.05	37.68	9.18	11.59	343M
Stephenville Cotton Oil Mill, Stephenville, Texas.							
43% Protein Peanut Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	605A
Analysis.....	41.73	9.18	7.18	27.75	6.34	7.82	416S
Stevenson's Hatchery & Feed Mill, Dallas, Texas.							
Stevenson's Big 5 Egg Mash.....	<i>19.00</i>	<i>3.80</i>	<i>8.00</i>	<i>45.00</i>	.....	.....	1188L
Analysis.....	21.85	5.42	7.93	46.30	9.49	9.01	92R
Stevenson's Super-Brand Laying Mash.....	<i>20.00</i>	<i>3.60</i>	<i>7.00</i>	<i>46.00</i>	.....	.....	1188M
Analysis.....	21.45	5.70	6.77	47.50	9.63	8.95	62R
Stevenson's Super-Brand Starting Mash.....	<i>18.00</i>	<i>3.60</i>	<i>6.50</i>	<i>50.00</i>	.....	.....	1188O
Analysis.....	19.65	5.23	5.59	52.89	9.02	7.62	63R
Analysis.....	19.23	4.91	6.20	51.79	9.40	8.47	93R
Stevenson's Hatchery & Feed Store, Dallas, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	1188F
Analysis.....	9.75	3.29	9.95	62.84	11.46	2.71	101T
Stevenson's Milk-Producer Brand Cow Feed.....	<i>16.00</i>	<i>3.30</i>	<i>16.00</i>	<i>45.50</i>	.....	.....	1188I
Analysis.....	18.29	3.33	14.16	45.05	9.37	9.80	18R
Stevenson's Super-Brand Laying Mash.....	<i>20.00</i>	<i>3.60</i>	<i>7.00</i>	<i>46.00</i>	.....	.....	1188M
Analysis.....	22.18	4.97	7.36	47.71	7.76	10.02	17R

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³²⁸Wheat brown shorts and screenings.

³²⁹Wheat bran and wheat white shorts containing screenings.

³³⁰Excess ground rice hulls present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitro-free Extract	Moisture	Crude Ash	
Stolz & Peterson, Inc., Galveston, Texas.							
Eureka Horse Feed with Molasses	9.80	2.70	11.50	56.50			461M
Analysis	10.40	1.89	8.69	57.89	14.98	6.15	172M
Eureka Hen Feed	10.00	2.60	3.50	69.00			461A1
Analysis	12.25	3.02	2.47	67.19	13.17	1.90	171M
Eureka Laying Mash with Charcoal	19.00	3.50	7.50	46.00			461B1
Analysis	21.30	4.99	6.32	47.30	11.20	8.89	259M
Oleander Brand Mixed Feed	9.80	4.00	21.00	44.00			461B2
Analysis	9.80	3.00	17.09	48.22	15.15	6.74	258M
Stubbs-Young Grain & Seed Company, Lubbock, Texas.							
Sun-Ray Brand Chick Starter	16.50	3.50	5.50	52.00			1707C
Analysis	18.78	4.19	4.96	55.70	8.59	7.78	109K
Sun-Ray Brand Laying Mash	18.00	3.50	6.50	48.00			1707G
Analysis	20.33	4.67	6.17	49.50	9.49	9.84	17K
Sun-Ray Brand Dairy Feed	18.50	3.40	12.00	47.00			1707I
Analysis	21.00	4.29	10.28	49.84	7.35	7.24	16K
X-L Laying Mash	19.50	3.50	8.00	46.00			1707K
Analysis	22.68	4.91	7.93	45.29	9.33	9.86	113K
Sun-Ray Brand 30% Protein Supplement for Pigs and Hogs	30.00	5.00	6.50	32.00			1707M
Analysis	32.18	6.67	6.84	33.74	8.63	11.94	352K
Proso Meal	11.00	3.00	8.50	63.50			1707T
Analysis	11.70	2.89	4.44	62.11	8.97	9.89	1707T
Sugar Land Feed Company, Sugar Land, Texas.							
Mixit Locally Mxtrite Brand Cow Feed	12.00	1.70	12.50	53.00			1528F
Analysis ³³¹	12.90	2.45	13.80	50.60	13.69	6.56	194W
Sugar Land's Mxtrite Brand 15% Protein Dairy Feed	15.00	4.20	13.00	47.00			1528J
Analysis	15.40	3.86	10.95	48.99	13.30	7.50	296H
Analysis	15.50	4.84	12.74	52.13	7.57	7.22	50W
Imperial Mxtrite Brand Dairy Feed	24.00	4.00	12.00	38.50			1528T
Analysis	24.90	5.10	11.81	38.29	10.38	9.52	154M
Mxtrite Brand Hominy Feed and Molasses	8.00	4.50	5.50	61.00			1528W
Analysis ^{332 b}	6.90	1.21	36.39	36.68	13.15	5.67	90H
Victory Mxtrite Brand Laying Mash	19.00	3.50	6.00	51.00			1528A9
Analysis	21.61	5.53	5.15	47.86	10.97	8.88	267W
Mxtrite Brand Ground Peanut Hulls and Molasses	6.50	1.00	42.70	34.50			1528D7
Analysis	7.40	3.34	38.43	32.78	12.95	5.10	206M
Sulphur Springs Cotton Oil Company, Sulphur Springs, Texas.							
43% Protein Cottonseed Meal	43.00	5.00	12.00	23.00			133C
Analysis	44.56	6.11	10.17	26.86	6.83	5.47	20F
Analysis	42.64	5.39	11.21	27.37	7.54	5.85	154F
Analysis ^c	41.17	5.72	11.99	27.80	8.15	5.17	197F
Analysis	42.61	6.24	10.97	27.09	7.68	5.41	198F
Analysis	43.47	5.71	11.29	26.19	7.55	5.79	253F
Analysis	44.36	6.10	10.73	26.26	6.85	5.70	402F
Dandy Brand Dairy Feed	20.00	4.00	12.50	51.00			133P
Analysis	23.46	4.23	10.04	46.10	9.38	6.79	101F
Analysis	21.60	4.36	10.70	46.15	10.27	6.92	199F
Laying Mash	20.50	3.50	7.40	44.60			133U
Analysis	22.26	5.71	6.15	46.05	8.78	11.05	100F
Analysis	21.50	5.22	5.97	46.21	9.93	11.17	355F
All-Mash Chick Starter	16.80	3.50	5.00	52.50			133Z
Analysis	18.28	3.96	3.87	54.09	11.25	8.55	250F

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³³¹Ground straw and foreign grasses present, not claimed.

³³²Ground peanut hulls and molasses.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Sweetwater Cotton Oil Company, Sweetwater, Texas.							
Sweetwater Dairy Feed.....	<i>20.00</i>	<i>3.60</i>	<i>12.50</i>	<i>45.00</i>	.....	.....	2278B
Analysis.....	21.40	3.68	10.88	47.70	8.25	8.09	426S
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2278G
Analysis <i>e</i>	42.40	5.11	13.29	28.71	5.48	5.01	30S
Analysis.....	43.00	6.13	11.55	26.99	6.96	5.37	72S
Analysis <i>e</i>	42.37	5.79	11.65	26.52	7.61	6.06	73S
Analysis <i>e</i>	41.87	6.25	11.94	26.94	7.30	5.70	74S
Analysis.....	42.65	5.83	11.51	27.18	7.17	5.66	80S
Analysis <i>e</i>	41.92	6.20	11.31	29.05	5.82	5.70	113S
Analysis.....	43.70	6.35	10.44	28.02	6.05	5.44	114S
Analysis <i>e</i>	42.28	6.07	11.99	28.00	5.99	5.67	117S
Analysis.....	43.55	7.21	9.57	27.25	7.14	5.28	137S
Analysis.....	43.15	5.67	11.63	28.53	5.39	5.63	141S
Analysis.....	43.71	7.85	9.46	26.99	6.49	5.50	169S
Analysis ³³³ <i>b</i>	43.12	5.61	11.54	26.83	7.50	5.40	173S
Analysis.....	43.04	6.40	10.39	28.18	6.63	5.36	177S
Analysis.....	45.25	5.79	10.71	27.34	5.53	5.38	210S
Analysis.....	44.20	5.95	11.12	27.50	5.77	5.46	218S
Analysis <i>e</i>	41.82	6.22	11.45	29.78	5.19	5.54	220S
Analysis.....	42.77	6.38	11.99	25.52	7.65	5.69	245S
Analysis.....	44.16	5.80	10.66	27.85	6.01	5.52	260S
Analysis.....	45.68	6.36	9.74	25.99	6.50	5.73	290S
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2278H
Analysis.....	43.04	5.45	11.28	27.23	7.55	5.45	95S
Analysis ³³⁴	44.15	5.94	10.64	26.26	7.49	5.52	112S
Analysis <i>a</i>	43.68	5.69	11.65	26.71	6.67	5.60	118S
Analysis.....	42.57	7.38	9.83	25.40	7.68	7.14	176S
Analysis.....	44.44	6.26	9.98	26.99	6.76	5.57	238S
Analysis.....	43.36	5.89	11.37	26.80	7.21	5.37	261S
43% Protein Cottonseed Cubes.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	2278M
Analysis.....	45.18	6.66	8.89	26.87	6.95	5.45	60K
Analysis <i>e</i>	42.11	5.08	13.17	28.31	6.01	5.32	77S
Analysis.....	44.86	5.97	10.60	27.31	5.58	5.68	135S
Analysis <i>e</i>	42.27	5.82	11.21	29.07	6.18	5.45	142S
Analysis.....	44.00	6.00	10.83	27.29	6.56	5.32	172S
Sweetwater Economy Brand Sweet Feed.							
.....	<i>9.00</i>	<i>1.50</i>	<i>19.00</i>	<i>51.00</i>	.....	.....	2278N
Analysis ³³⁵	12.87	2.42	10.59	57.68	10.07	6.37	388S
Lasses Sweetco Mixed Feed.....	<i>11.50</i>	<i>1.60</i>	<i>35.00</i>	<i>33.00</i>	.....	.....	2278O
Analysis.....	11.55	1.30	30.33	40.96	11.14	4.72	288S
Chicko Growing Mash with Iron Oxide.....	<i>17.50</i>	<i>3.50</i>	<i>5.00</i>	<i>54.00</i>	.....	.....	2278Q
Analysis.....	19.35	4.32	4.14	54.85	10.35	6.99	389S
Chicko Baby Chick Starter with Iron Oxide.....	<i>17.50</i>	<i>3.50</i>	<i>5.00</i>	<i>52.50</i>	.....	.....	2278R
Analysis.....	19.25	4.64	5.40	53.79	10.30	6.62	348S
Sweetwater Supreme Brand Laying Mash with Iron Oxide.							
.....	<i>20.00</i>	<i>3.60</i>	<i>6.00</i>	<i>45.50</i>	.....	.....	2278A9
Analysis ³³⁶	23.74	5.27	5.47	46.78	8.68	10.06	427S
Swift & Company, Chicago, Illinois, and Branches.							
Swift's 60% Protein Digester Tankage.....	<i>60.00</i>	<i>5.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	270A
Analysis.....	61.44	10.04	1.72	2.38	6.49	17.93	436K
Analysis <i>e</i>	59.31	8.80	3.16	2.57	8.21	17.95	36R
Swift's Chick Mash.....	<i>18.50</i>	<i>4.00</i>	<i>6.00</i>	<i>49.00</i>	.....	.....	270E
Analysis.....	20.18	4.58	6.49	50.35	9.79	8.61	247F
Analysis ³³⁷	20.25	4.38	6.86	50.27	8.19	10.05	196H
Analysis.....	20.57	4.79	6.07	50.76	10.37	7.44	344H
Analysis.....	21.42	4.65	5.99	48.27	10.78	8.89	273W

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

³³³Cottonseed cake.

³³⁴Obsolete tags attached.

³³⁵Deficient in ground milo head stems and ground kafir head stems.

³³⁶Deficient in ground oyster shell.

³³⁷Excess ground limestone found.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Swift & Company, Chicago, Illinois, and Branches —Continued.							
Swift's Egg Mash.....	20.00	4.00	7.50	45.00			270F
Analysis.....	21.32	5.16	6.54	47.69	10.40	8.89	345H
Analysis.....	19.17	5.17	6.00	51.47	9.69	8.50	421W
Swift's 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00			270I
Analysis.....	52.88	10.00	1.67	.80	6.89	27.76	395H
Analysis.....	49.98	10.61	2.55	1.44	4.80	30.62	11T
Analysis.....	50.35	10.89	2.70	.99	6.52	28.55	330T
Analysis.....	48.56	12.30	1.96	1.80	6.60	28.78	145W
Swift's Dried Buttermilk.....	32.00	5.00	1.00	35.00			270K
Analysis.....	38.70	5.60	.14	27.58	11.59	16.39	453S
Swift & Company, (Soy Bean Mill), Champaign, Illinois.							
Swift's 41% Protein Soybean Oil Meal	41.00	4.50	7.00	29.00			715A
Analysis.....	45.17	5.51	6.03	29.55	7.96	5.78	715A
Syntha-Milk Laboratories, Ingomar, Ohio.							
Syntha-Mixer containing Iron Oxide .	40.00	5.00	5.80	25.00			2604A
Analysis ³³⁸	44.53	7.21	4.77	24.48	8.06	10.95	283S
Taft Cotton Oil Company, Taft, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			1415D
Analysis.....	43.26	8.24	9.63	27.76	5.69	5.42	89H
Analysis.....	42.74	7.62	10.17	26.75	7.14	5.58	223H
Analysis.....	43.36	7.08	9.79	27.34	6.90	5.53	422H
Taylor Brokerage Company, San Angelo, Texas.							
Taylor's Best Cow Feed.....	19.00	3.00	15.00	44.00			2347D
Analysis.....	20.32	4.21	12.75	45.56	9.09	8.07	370S
Dandy Brand Laying Mash.....	18.50	3.50	7.60	48.00			2347E
Analysis.....	21.83	4.87	7.10	49.06	8.41	8.73	406S
Taylor Grain Company, Van Alstyne, Texas.							
Texana Brand Starter with Butter- milk and Cod Liver Oil.....	17.00	4.00	5.00	52.00			104F
Analysis.....	17.95	5.56	5.52	53.71	10.20	7.06	285T
Taylor Mills Corporation, Denton, Texas.							
Wheat Gray Shorts and Screenings...	17.00	4.00	6.00	55.00			34B
Analysis.....	16.18	4.11	4.99	59.41	11.77	3.54	362T
Analysis.....	15.75	3.84	5.00	59.47	12.67	3.27	374W
Temple Cotton Oil Company, Ashdown, Arkansas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			1248A
Analysis.....	43.55	6.36	8.59	26.66	7.99	6.85	284F
Temple Fuel & Feed Company, Temple, Texas.							
Fletcher's Laying Mash.....	20.50	3.50	7.40	44.60			2129E
Analysis.....	22.25	5.92	7.43	44.36	8.47	11.57	104W
Fletcher's Sweet Dairy Feed.....	18.50	3.50	12.00	46.50			2129G
Analysis.....	18.60	4.03	11.71	49.69	8.76	7.21	13W
Temco All-Mash Chick Starter.....	16.00	3.50	4.50	56.00			2129N
Analysis.....	17.53	4.61	4.86	54.47	11.68	6.85	278W
Temco Genuine 5 Laying Mash.....	20.50	3.50	7.40	44.60			2129O
Analysis.....	21.80	5.59	7.23	45.58	8.96	10.84	277W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

338Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Tennessee Dairies, Inc., Dallas, Texas.							
Dried Skimmed Milk Powder.....	<i>34.00</i>	<i>0.70</i>	<i>0.30</i>	<i>49.00</i>	.....	.....	2159A
Analysis.....	34.70	.97	.11	50.43	6.03	7.76	34K
Analysis.....	34.64	.75	.17	50.73	5.73	7.98	82R
Analysis.....	35.04	1.20	.15	48.14	8.11	7.36	361T
Terminal Grain Company, Fort Worth, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00	.....	.....	960P
Analysis ³³⁹	13.48	3.26	8.08	60.47	11.28	3.43	180T
Blue Tag Growing Mash with Cod Liver Oil and Charcoal.....	<i>17.00</i>	<i>3.70</i>	<i>4.70</i>	<i>54.00</i>	.....	.....	960Z
Analysis.....	18.00	5.33	5.22	53.01	9.79	8.65	344T
Cluck-Cluck Egg Mash with Charcoal.....	<i>18.20</i>	<i>3.50</i>	<i>8.00</i>	<i>50.00</i>	.....	.....	960B5
Analysis.....	19.75	4.76	7.28	52.27	9.50	6.44	442T
Terrell Milling Company, Terrell, Texas.							
Banner Corn Chop.....	<i>9.00</i>	<i>3.50</i>	<i>3.00</i>	<i>70.00</i>	.....	.....	125A
Analysis ^{340 b}	9.10	3.15	9.77	63.88	11.77	2.33	300F
Red Diamond 5 Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	.....	.....	125G
Analysis.....	21.47	5.50	6.04	48.09	7.89	11.01	71F
Analysis.....	21.86	5.47	6.56	44.77	10.45	10.89	235F
Analysis.....	21.25	5.31	6.65	45.39	9.15	12.25	392F
Red Diamond Hen Hash.....	<i>10.00</i>	<i>3.00</i>	<i>4.00</i>	<i>67.00</i>	.....	.....	125P
Analysis ³⁴¹	11.29	3.15	1.94	69.33	12.74	1.55	293T
Horse and Mule Feed.....	<i>9.50</i>	<i>2.60</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	125T
Analysis ^{342 f}	10.50	3.65	6.97	63.00	11.48	4.40	364T
Bunko Brand Sweet Feed.....	<i>11.00</i>	<i>1.80</i>	<i>25.00</i>	<i>45.00</i>	.....	.....	125Y
Analysis.....	9.80	1.82	21.71	46.10	13.77	6.80	391F
Analysis ^{343 h}	10.61	2.04	23.33	47.49	9.69	6.84	437F
Analysis ^{344 f}	8.59	1.24	24.11	44.20	15.41	6.45	363T
Texarkana Cotton Oil Corporation, Texarkana, Arkansas-Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1272D
Analysis.....	42.74	6.47	9.99	26.79	7.41	6.60	57F
Analysis.....	41.60	6.63	10.86	27.05	6.90	6.96	379F
Analysis.....	43.15	5.60	10.21	26.14	8.09	6.81	425F
Analysis.....	45.10	6.91	8.71	25.41	7.18	6.69	38M
Texas City Feed Store, Texas City, Texas.							
Bolestor Scratch Feed.....	<i>10.50</i>	<i>3.00</i>	<i>3.00</i>	<i>70.00</i>	.....	.....	1357B
Analysis.....	12.74	2.74	1.89	67.51	12.94	2.18	170M
Texas Cotton Industries, Marfa, Texas.							
28% Protein Whole-Pressed Cottonseed.....	<i>28.00</i>	<i>6.00</i>	<i>23.00</i>	<i>29.00</i>	.....	.....	832A
Analysis.....	28.73	5.81	22.84	32.94	4.68	5.00	27S
Analysis.....	28.80	6.09	23.50	32.33	4.72	4.56	158S
Texas Farm Products Company, Nacogdoches, Texas.							
East Texas 24% Protein Dairy Feed.....	<i>24.00</i>	<i>3.70</i>	<i>9.00</i>	<i>43.00</i>	.....	.....	256X
Analysis.....	25.10	4.27	9.09	43.06	11.89	6.59	387F

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

339 Some corn meal, ground whole barley, ground wheat and ground weed seed present.

340 Ear corn chop with husk. Mutilated tags attached.

341 Sunflower seed claimed, not found.

342 Short in weight. Replaced with feed of proper net weight. Deficient in salt.

343 Short in weight. Each sack even-weighted and sale resumed.

344 Short in weight. Replaced with feed of proper net weight. Deficient in alfalfa meal.

Ground screenings found, not claimed. Sample fermented.

**Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937,
to August 31, 1938—Continued**

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Regis- tration or In- spec- tion No.
	Crude Pro- tein	Crude Fat	Crude Fiber	Nitro- gen-free Extract	Mois- ture	Crude Ash	
Texas Farm Products Company, Nacogdoches, Texas—Continued.							
11% Protein Sweet Mixed Feed.....	<i>11.00</i>	<i>1.50</i>	<i>32.00</i>	<i>34.00</i>			256A4
Analysis.....	10.75	.82	27.11	38.89	12.91	9.52	386F
Analysis ³⁴⁵	9.66	.78	27.85	39.12	12.41	10.18	462F
Texas Mill & Elevator Company, Abilene, Texas.							
Bulky Sweet Feed.....	<i>9.00</i>	<i>1.50</i>	<i>16.00</i>	<i>57.00</i>			980L
Analysis.....	10.44	1.31	13.23	53.56	10.66	10.86	468S
Abtex All-Mash Starter and Grower..	<i>16.50</i>	<i>3.50</i>	<i>6.00</i>	<i>53.00</i>			980R
Analysis.....	17.80	4.72	6.22	52.29	11.78	7.19	280S
Abtex Special Growing Mash with Charcoal and Cod Liver Oil.....	<i>16.50</i>	<i>3.60</i>	<i>7.00</i>	<i>52.00</i>			980Y
Analysis.....	18.63	5.25	6.33	54.00	9.89	5.90	386S
Abtex Butter and Milk Brand Cow Feed.....	<i>24.00</i>	<i>3.50</i>	<i>11.00</i>	<i>42.00</i>			980A5
Analysis.....	21.69	4.56	10.29	46.85	9.28	7.33	422S
Economy Brand Feed with Molasses..	<i>10.50</i>	<i>1.40</i>	<i>30.00</i>	<i>37.50</i>			980B1
Analysis.....	10.90	.84	22.27	46.86	13.18	5.95	209S
Good Value Brand Feed.....	<i>16.00</i>	<i>3.00</i>	<i>8.00</i>	<i>50.00</i>			980C8
Analysis.....	16.00	2.74	7.22	53.13	13.63	7.28	279S
Abilene Egg Laying Mash.....	<i>20.00</i>	<i>4.00</i>	<i>8.00</i>	<i>45.00</i>			980D6
Analysis.....	23.06	5.72	7.03	45.57	8.39	10.23	385S
All-Weather Brand Egg Laying Mash..	<i>18.50</i>	<i>3.50</i>	<i>7.00</i>	<i>48.00</i>			980D9
Analysis.....	18.80	4.10	5.82	53.32	9.21	8.75	71S
Analysis.....	19.03	4.30	6.15	52.77	9.34	8.41	469S
Texas Milling Company, Clifton, Texas.							
Wheat Gray Shorts and Screenings...	<i>17.00</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>			1917D
Analysis ³⁴⁶	19.16	4.78	6.11	53.75	11.91	4.29	293M
Analysis ^{347 b c}	19.13	4.96	6.50	53.00	11.32	5.09	361M
Analysis ^{347 c}	19.35	4.89	6.37	53.80	11.40	4.19	352W
Analysis ^{347 e}	17.40	4.37	6.48	56.50	10.72	4.53	467W
Analysis.....	18.67	5.04	6.10	55.93	9.58	4.68	503W
Texas Refining Company, Greenville, Texas.							
43% Protein Cracked Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			2105F
Analysis.....	46.95	5.66	9.29	26.14	6.17	5.79	19F
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			2105G
Analysis.....	43.91	6.52	10.94	26.82	6.43	5.38	18F
Analysis.....	42.81	7.27	10.59	26.91	6.74	5.68	140F
Analysis.....	45.33	6.14	9.82	25.78	7.16	5.77	449F
Analysis.....	42.65	6.49	11.23	27.78	6.16	5.69	39T
Analysis ^e	42.48	7.30	10.99	26.57	7.17	5.49	109T
Texas Rice Milling Company, Galveston, Texas.							
Texmill Rice Polish.....	<i>11.00</i>	<i>6.00</i>	<i>4.00</i>	<i>55.00</i>			603A
Analysis.....	13.88	14.81	3.98	51.65	9.12	6.56	55M
Analysis.....	11.50	10.09	2.12	58.81	11.14	6.34	351W
Texmill Rice Bran containing Pre- cipitated Carbonate of Lime.....	<i>13.50</i>	<i>13.50</i>	<i>12.00</i>	<i>42.00</i>			603B
Analysis.....	14.60	14.62	11.68	40.02	7.93	11.15	165K
Analysis ³⁴⁸	14.58	18.28	11.82	35.02	8.09	12.21	56M
Analysis ³⁴⁹	12.97	15.01	9.35	41.14	10.27	11.26	372M
Analysis.....	13.24	14.46	10.86	40.21	8.91	12.32	271T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁴⁵Excess molasses found.

³⁴⁶Tags incorrectly printed.

³⁴⁷Wheat brown shorts and screenings.

³⁴⁸Tags incorrectly printed.

³⁴⁹Shipment heated. Sample rancid.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Texas Star Flour Mills, Galveston, Texas.							
Wheat Gray Shorts.....	17.50	4.00	6.00	55.00	.....	.....	1461
Analysis ³⁵⁰	17.75	3.75	6.34	55.62	.....	4.89	413F
Analysis ³⁵¹	18.00	3.89	5.21	59.09	10.08	3.73	85M
Analysis ³⁵⁰	18.74	4.15	6.30	53.62	12.43	4.76	318M
Analysis ³⁵¹	19.44	4.02	4.93	56.46	11.05	4.10	183T
Thibault Milling Company, Little Rock, Arkansas.							
T-Square Brand Dairy Feed.....	24.00	4.50	12.00	39.00	.....	.....	1433H
Analysis.....	20.62	5.78	10.64	40.79	9.58	12.59	380F
T-Square Brand Chick Starting Mash.....	18.00	3.70	5.00	51.00	.....	.....	1433K
Analysis ³⁵²	20.24	5.43	5.53	49.21	9.97	9.62	381F
Thomas, F. B., Clarendon, Texas.							
Thomas' Home-Product Egg Mash with Charcoal.....	19.00	4.00	7.00	45.00	.....	.....	2631F
Analysis.....	21.27	4.85	6.15	48.38	8.65	10.70	175K
Thorndale Oil Mill, Inc., Thorndale, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	1282E
Analysis.....	42.60	8.22	10.03	26.48	7.36	5.31	8W
Analysis ^e	42.42	7.02	10.63	26.93	7.42	5.58	98W
Analysis.....	42.50	7.37	10.09	26.23	8.28	5.53	182W
Thornton's Feed Mill, Cisco, Texas.							
Thornton's Dairy Cow Feed.....	23.00	4.10	10.00	48.00	.....	.....	2249I
Analysis ^e	20.79	4.92	9.96	49.96	9.63	4.74	1S
Thornton's Dairy Cow Feed.....	21.00	4.10	10.00	48.00	.....	.....	2249I
Analysis.....	22.19	4.93	8.87	48.97	9.76	5.28	327S
Thornton's Special Laying Mash.....	19.00	3.60	8.00	45.00	.....	.....	2249R
Analysis.....	20.15	4.97	7.59	46.31	10.90	10.08	197S
Thornton's Special Cow Feed.....	15.00	3.00	18.00	47.00	.....	.....	2249T
Analysis.....	16.62	3.21	15.44	47.49	8.71	8.53	458S
Thornton's Growing Mash with Iron Oxide.....	17.00	3.60	7.50	50.00	.....	.....	2249U
Analysis.....	19.04	4.41	5.51	52.60	10.98	7.46	379S
Thornton's Egg Mash with Iron Oxide.....	20.00	3.80	7.20	46.50	.....	.....	2249V
Analysis.....	22.15	4.81	6.39	47.69	9.62	9.34	377S
Thornton's Chick Starter with Iron Oxide.....	16.50	3.00	5.00	53.00	.....	.....	2249W
Analysis.....	18.16	4.92	5.12	54.26	9.77	7.77	378S
Thornton's Milk-Maker Dairy Feed with Iron Oxide.....	19.00	4.00	14.00	44.50	.....	.....	2249X
Analysis.....	19.90	4.08	11.80	45.98	8.75	9.41	417S
Throckmorton Mill & Elevator Company, Throckmorton, Texas.							
Wheat Mixed Feed and Scourings....	15.00	3.50	8.50	52.00	.....	.....	894A
Analysis.....	17.36	3.73	6.87	56.42	11.26	4.36	57S
Tidwell Fuel & Feed Company, El Paso, Texas.							
Success Brand Growing Mash with Charcoal.....	16.00	3.50	6.50	52.00	.....	.....	632D
Analysis.....	17.10	5.95	6.01	54.71	7.76	8.41	395S
Tidwell's Success Brand Chick Starter.....	16.50	4.00	4.50	54.50	.....	.....	662F
Analysis.....	17.35	5.54	3.34	57.40	8.83	7.54	360S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁵⁰Wheat brown shorts.

³⁵¹Obsolete tags attached.

³⁵²Tags incorrectly printed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Tidwell Fuel & Feed Company, El Paso, Texas—Continued.							
Tidwell's Success Brand Laying Mash with Charcoal	20.50	3.70	8.00	43.50	.....	.....	662J
Analysis ^e	21.60	5.83	8.98	46.00	6.56	11.03	17S
Analysis	21.14	5.50	9.30	46.73	7.49	9.84	445S
Tidwell's Egg-Producer Brand Laying Mash with Charcoal	19.50	3.80	8.00	46.00	.....	.....	662K
Analysis	21.10	5.44	8.32	49.52	7.24	8.38	16S
Wheat Gray Shorts	17.00	4.00	6.00	55.00	.....	.....	662Q
Analysis	19.56	4.88	5.79	57.08	8.47	4.22	443S
More-Milk Brand Dairy Feed with Molasses	17.00	5.00	8.50	49.00	.....	.....	662T
Analysis	20.27	6.00	7.80	52.09	7.41	6.43	444S
45% Protein Meat and Bone Scraps	45.00	6.00	3.00	0.00	.....	.....	662A9
Analysis	47.27	13.68	1.33	1.29	7.61	28.82	227S
Dried Skimmed Milk	34.00	0.20	0.00	50.00	.....	.....	662B1
Analysis	35.70	.44	.21	49.63	5.74	8.28	662B1
Tipton Bros. Milling Company, Lipan, Texas.							
Tipton Bros. Egg Laying Mash with Charcoal	20.00	4.00	8.00	47.00	.....	.....	1980A
Analysis ³⁵³	21.17	5.33	7.52	50.30	8.10	7.58	25T
Tobian & Company, Louis, Dallas, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	25.00	.....	.....	955A
Analysis ^{354 c}	42.13	6.98	12.55	25.47	6.84	6.03	43M
Analysis ^{b c}	41.41	7.92	11.49	25.31	7.05	6.82	109M
Analysis	42.35	6.45	10.13	23.96	7.69	8.42	208M
Analysis	43.02	6.73	10.50	25.08	7.86	6.81	215M
Analysis	43.08	6.87	10.85	24.85	7.76	6.59	284M
Analysis	45.52	6.82	10.56	22.96	8.12	6.02	286M
Navy Brand 41, 12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00	.....	.....	955E
Analysis ^{a c}	39.35	6.86	12.25	27.98	6.97	6.59	209M
28% Protein Whole-Pressed Cottonseed	28.00	6.00	23.00	29.00	.....	.....	955F
Analysis ^a	27.30	5.98	25.51	30.25	6.11	4.85	99H
Analysis ^a	28.28	6.09	25.84	29.91	5.23	4.65	100H
Tornillo Cotton Oil Company, Tornillo, Texas.							
28% Protein Whole-Pressed Cottonseed	28.00	6.00	23.00	29.00	.....	.....	1852A
Analysis	27.99	6.63	22.68	32.13	5.79	4.78	148S
28% Protein Ground Whole-Pressed Cottonseed	28.00	6.00	23.00	29.00	.....	.....	1852B
Analysis	27.33	6.56	22.45	33.83	4.83	5.00	81S
Analysis	27.44	6.46	23.82	32.70	4.39	5.19	83S
Analysis	28.50	7.25	22.96	31.33	5.03	4.93	354S
Traders Oil Mill Company, Fort Worth, Texas.							
Traders' Special Pellets	36.00	5.00	11.50	27.50	.....	.....	2610B
Analysis	37.68	6.03	10.59	28.76	9.71	7.23	2610B
43% Protein Cracked Cottonseed Cake	43.00	5.20	12.00	23.00	.....	.....	2610C
Analysis ^{355 c}	41.66	6.35	10.94	27.58	7.23	6.24	50S
Analysis	43.10	6.00	10.88	27.25	7.03	5.74	107S
Analysis ^c	42.01	6.35	10.89	25.99	8.18	6.58	122T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

353Obsolete tags attached.

354Off quality.

355Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitro-gen-free Extract	Mois-ture	Crude Ash	
Traders Oil Mill Company, Fort Worth, Texas—Continued.							
43% Protein Cottonseed Meal.....	43.00	5.20	12.00	23.00	.....	.....	2610D
Analysis ³⁵⁵	43.39	5.95	11.62	26.72	6.39	5.93	21T
Analysis ³⁵⁵	46.47	7.28	8.03	25.83	6.61	5.78	131W
Analysis ³⁵⁵	46.02	7.30	8.51	26.61	5.85	5.71	134W
Analysis.....	42.64	6.19	10.60	28.27	6.79	5.51	218W
Kowlyk Mixed Feed.....	11.00	1.60	42.50	28.50	.....	.....	2610F
Analysis.....	10.96	1.82	35.77	40.68	7.09	3.68	459W
43% Protein Cottonseed Pellets.....	43.00	5.20	12.00	23.00	.....	.....	2610I
Analysis ^{355 e}	42.41	6.20	11.17	27.98	6.77	5.47	57K
Analysis ^{355 e}	42.10	6.57	10.78	28.06	6.75	5.74	70K
Analysis ^e	41.62	6.29	11.94	28.19	6.77	5.19	151K
Transit Milling Company, Galveston, Texas, and Branches.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	18A
Analysis ^{355 b c}	41.37	5.95	12.73	26.98	7.63	5.34	80M
Travis Oil Mills, Corpus Christi, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	319A
Analysis ^{e e}	41.10	5.43	12.09	28.20	7.68	5.50	3T
Travis Oil Mills, Taylor, Texas.							
43% Protein Cottonseed Me.....	43.00	6.00	12.00	23.00	.....	.....	1883C
Analysis.....	43.75	5.73	10.24	27.93	6.75	5.60	2W
Analysis ^e	43.20	5.78	11.13	27.64	6.78	5.47	9W
Tremaine Alfalfa Ranch & Milling Company, Inc., Mesa, Arizona.							
Arizona Brand Alfalfa Leaf Meal....	20.00	2.50	18.00	40.00	.....	.....	1018G
Analysis.....	21.58	2.11	17.51	40.82	5.99	11.99	19S
Trinity Cotton Oil Company, Dallas, Texas.							
Trico Brand Mixed Feed.....	11.00	1.60	42.50	28.00	.....	.....	120A
Analysis.....	10.82	1.75	37.69	37.68	8.69	3.37	524W
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00	.....	.....	120F
Analysis.....	42.86	6.16	11.53	27.21	6.29	5.95	10R
Analysis.....	44.28	7.51	11.28	24.95	6.22	5.76	65R
Analysis.....	42.98	5.98	11.91	27.93	5.56	5.64	16T
Analysis.....	43.27	6.53	11.42	27.52	5.80	5.46	65T
Analysis.....	43.04	6.51	10.88	27.30	6.82	5.45	107T
Tulia Milling Company, Tulia, Texas.							
Wheat Mixed Feed and Screenings....	16.00	3.50	8.50	52.00	.....	.....	317B
Analysis.....	18.68	3.58	7.06	54.44	11.08	5.16	219K
Turner Mill & Feed Company, Abilene, Texas.							
Turner's Special Cow Feed.....	14.50	3.00	20.00	46.00	.....	.....	1042A
Analysis.....	14.66	3.18	19.09	45.58	7.60	9.89	421S
Tyler Feed & Seed Company, Tyler, Texas.							
Smith County Special Dairy Feed....	20.00	4.50	11.00	50.00	.....	.....	121A
Analysis.....	23.82	6.13	9.28	45.70	6.27	8.80	42F
Analysis.....	21.90	5.59	9.57	45.56	8.61	8.77	312F
Smith County Special 5 Laying Mash.	20.00	3.70	7.50	44.00	.....	.....	121B
Analysis.....	21.20	5.12	5.86	46.63	10.91	10.28	256F
Analysis.....	20.65	5.46	6.74	48.89	8.06	10.20	432F

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁵⁵Obsolete tags attached.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Tyler Feed & Seed Company, Tyler, Texas—Continued.							
Smith County Special Growing Mash.	17.00	3.50	6.50	48.50	8.73	8.38	121E
Analysis	17.10	6.08	5.43	54.28			43F
Tyrrell Rice Milling Company, Beaumont, Texas.							
Rice Bran	11.00	10.00	15.00	42.00			2043B
Analysis	14.47	16.51	12.00	37.97	6.65	12.40	112M
Ultra-Life Laboratories, Inc., East Saint Louis, Illinois.							
Ultra-Life Brand Mixing Feed with Minerals	22.00	6.50	5.50	49.50			1791A
Analysis	22.30	9.19	4.47	46.98	9.15	7.91	1791A
Union Feed Company, San Antonio, Texas.							
Little Boy Blue Laying Mash	20.00	3.70	7.40	46.00			1642A
Analysis	20.20	4.73	6.99	48.27	8.86	10.95	39H
Analysis	20.80	3.83	5.99	47.69	10.95	10.74	169H
Analysis ^a	20.10	5.05	6.82	48.57	9.36	10.10	99W
Little Boy Blue Laying Mash	20.00	3.70	7.00	45.00			1642A
Analysis ³⁵⁶	21.20	4.39	6.14	46.82	10.65	10.80	256H
Little Boy Blue Breeders Special Laying Mash with Charcoal	20.00	3.60	6.00	47.00			1642E
Analysis	20.92	4.41	5.79	48.66	9.21	11.01	321H
Union 5 Laying Mash	20.50	3.50	7.40	44.60			1642G
Analysis	22.01	4.79	8.37	43.17	9.07	12.59	284H
Ground Peanut Hay, Molasses, Salt, and Limestone	8.00	2.70	21.00	47.00			1642P
Analysis ^a	8.58	1.38	21.08	45.09	13.28	10.59	206H
Little Boy Blue 34% Protein Poultry Mash Concentrate	34.00	5.00	10.00	24.00			1642U
Analysis ^a	32.24	6.29	6.57	26.57	7.22	21.11	42H
Analysis	33.50	6.14	5.72	27.13	7.92	19.59	168H
Analysis	31.69	8.34	5.61	27.59	7.00	19.77	438H
Analysis	34.73	7.78	6.29	25.93	5.49	19.78	504W
Little Boy Blue Starter with Charcoal	18.00	3.80	5.00	52.00			1642X
Analysis	19.22	5.21	4.00	52.93	10.98	7.66	259H
Analysis	19.93	4.64	4.12	52.76	11.23	7.32	355W
Little Boy Blue Broiler Mash	18.50	4.00	6.00	50.00			1642Y
Analysis	21.25	4.50	5.25	50.68	10.74	7.58	314H
Little Boy Blue Turkey Growing Mash with Charcoal, Sulphur, and Manganese Sulphate	20.00	3.60	8.00	45.00			1642A1
Analysis	23.45	5.20	6.49	47.29	9.18	8.39	412H
Little Boy Blue 24% Protein Dairy Feed	24.00	3.50	11.50	40.00			1642A3
Analysis	24.80	3.89	10.46	42.93	9.70	8.22	21H
Little Boy Blue 18% Protein Dairy Feed	18.00	3.60	15.00	43.40			1642A4
Analysis ³⁵⁶	19.42	4.36	13.66	45.67	8.25	8.64	436H
Rancho Grande Laying Mash	19.50	3.50	8.00	48.00			1642A8
Analysis ^a	21.59	4.89	8.88	44.28	8.97	11.39	51H
Rancho Grande Laying Mash	20.00	3.90	6.50	45.00			1642A8
Analysis ³⁵⁶	21.15	5.38	5.07	49.47	9.00	9.93	437H
Mattress Brand Sweet Feed	10.00	1.50	40.00	33.00			1642B3
Analysis	9.38	2.71	33.57	34.48	12.71	7.15	178H
Analysis ³⁵⁷	11.44	3.08	34.16	32.18	11.35	7.79	411H
Bossy's Prayer Sweet Feed	10.00	2.00	22.50	44.00			1642B9
Analysis	11.55	2.57	21.84	42.99	10.38	10.67	22H
Analysis	11.55	2.86	19.31	44.09	9.97	12.22	41H
Analysis	10.82	2.28	20.09	42.93	12.45	11.43	255H

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

³⁵⁶Obsolete tags attached.³⁵⁷Ground rice hulls found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Union Feed Company,							
San Antonio, Texas—Continued.							
Ranchman's Favorite Brand Mixed Feed	14.80	3.20	17.30	43.50	9.33	9.12	1642C1
Analysis ³⁵⁸	14.80	3.89	20.23	42.63	9.33	9.12	55H
Analysis ³⁵⁸	13.91	3.15	22.52	39.30	11.91	9.21	325H
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00			1642C3
Analysis	48.50	8.72	2.22	.17	6.67	33.72	1642C3
Analysis ^c	48.65	11.21	2.16	.10	7.11	30.77	185H
Candy Brand Sweet Feed	11.00	3.60	12.00	45.00			1642C4
Analysis	12.40	3.68	13.93	49.92	12.66	7.41	167H
Peanut Hulls, Peanut Hay, Molasses, Rice Bran, and Rice Hulls	6.80	2.30	32.40	38.50			1642C9
Analysis ^{d a}	7.03	1.88	29.72	39.12	11.85	10.40	176H
Analysis	8.31	2.87	30.05	37.43	10.60	10.74	462H
Little Boy Blue Starter Pellets with Charcoal	18.00	3.80	5.00	52.00			1642D3
Analysis ^a	18.85	4.97	5.13	53.03	10.51	7.51	283H
Union Oil Mills,							
Hubbard, Texas.							
43% Protein Cottonseed Meal	43.00	5.20	12.00	23.00			343G
Analysis ³⁵⁶	43.40	5.97	10.83	27.62	6.59	5.59	27W
Analysis ^e	42.36	5.71	12.02	26.53	8.04	5.34	115W
Analysis	43.93	6.10	11.17	25.70	7.63	5.47	117W
Analysis	43.66	5.81	11.13	25.72	8.22	5.46	224W
Analysis	43.32	5.88	11.54	25.38	8.38	5.50	368W
Universal Mills,							
Fort Worth, Texas.							
Red Chain Three-to-One Dairy Feed	18.00	3.00	11.00	47.00			2635D
Analysis	20.13	2.87	8.08	52.26	11.40	5.26	137T
Analysis	18.26	3.23	8.46	53.67	10.03	6.35	133W
Wheat Brown Shorts and Screenings	17.50	4.50	7.50	53.00			2635E
Analysis	18.96	4.40	5.72	57.27	10.11	3.54	485K
Analysis	18.64	5.63	5.48	55.12	11.04	4.09	428W
The Whip Horse and Mule Feed	9.50	2.70	13.50	58.00			2635I
Analysis ^{359 a}	9.80	3.14	9.54	62.24	11.09	4.19	425W
Red Chain Dairy Feed	24.00	4.00	12.50	41.00			2635N
Analysis	25.75	4.70	8.62	45.21	9.77	5.95	182K
Analysis	25.66	4.39	9.45	43.03	10.11	7.36	279T
Red Chain Chicken Fatner	13.00	3.80	6.20	59.50			2635A4
Analysis	13.70	3.35	5.33	65.13	9.28	3.21	404K
Red Chain Growing Mash with Charcoal	16.00	3.50	5.00	54.00			2635A5
Analysis	17.22	4.55	6.13	53.58	11.25	7.27	381W
Analysis	18.95	5.17	6.17	52.62	9.70	7.39	474W
Red Chain Growing Mash Nuggets with Charcoal	16.00	3.50	5.00	54.00			2635A7
Analysis	18.21	4.71	6.11	54.22	9.04	7.71	438W
Red Chain Chick Starter with Charcoal	18.00	4.50	5.00	53.00			2635B3
Analysis	19.22	4.79	4.02	53.84	10.70	7.43	275T
Analysis	19.30	4.54	3.79	53.13	11.45	7.79	274W
Red Chain Chick Starter Nuggets with Charcoal	18.00	4.50	5.00	53.00			2635B4
Analysis	19.53	4.64	3.96	53.55	10.26	8.06	341K
Lone Star Brand Range Nugget Feed	13.50	2.50	6.50	56.00			2635C4
Analysis	17.33	3.32	8.61	51.80	10.52	8.42	398K
Analysis	17.85	3.79	9.21	49.71	10.02	9.42	235S
Wheat Gray Shorts and Screenings	17.00	3.50	6.00	55.00			2635C5
Analysis ^{360 c}	18.61	4.83	6.76	54.44	10.93	4.43	168F
Analysis ^{360 c}	18.80	4.81	6.97	54.26	10.69	4.47	99K
Analysis ^{360 b c}	19.13	4.75	6.52	54.95	10.67	3.98	274T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁵⁶Obsolete tags attached.³⁵⁸Ground peanut hulls found, not claimed.³⁵⁹Sample fermented.³⁶⁰Wheat brown shorts and screenings.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Universal Mills,							
Fort Worth, Texas—Continued.							
Wheat Bran and Screenings.....	15.50	3.00	10.00	50.00	.....	.....	2635C9
Analysis.....	17.40	4.59	10.95	51.57	8.07	7.42	470M
Analysis ³⁶¹	18.03	4.66	9.98	50.87	9.70	6.76	125T
Red Chain Egg Mash Nuggets with Charcoal.....	19.00	4.00	5.00	50.00	.....	.....	2635D3
Analysis.....	19.10	4.94	5.58	52.81	9.13	8.44	103K
Analysis.....	20.86	4.98	5.74	51.46	8.33	8.63	412T
Red Chain Moful Stock Feed.....	10.50	1.50	13.50	52.00	.....	.....	2635D9
Analysis ³⁶¹	19.44	3.61	8.62	50.98	11.73	5.62	154T
Red Chain All-Purpose Mash with Charcoal.....	15.50	3.50	6.00	50.00	.....	.....	2635E8
Analysis.....	18.93	4.97	6.34	51.75	9.83	8.18	430M
Analysis ³⁶²	17.05	4.69	6.43	56.70	7.88	7.25	59T
Universal Brand Laying Mash.....	19.00	3.50	7.00	49.00	.....	.....	2635F4
Analysis.....	17.96	4.35	6.37	54.14	10.33	6.85	181K
Analysis.....	18.68	4.40	6.12	53.62	10.57	6.61	89M
Red Chain Wamo 40% Protein Supplement for Hogs.....	40.00	5.00	8.00	22.00	.....	.....	2635F5
Analysis.....	43.21	5.74	4.67	25.00	8.33	13.05	147W
Red Chain All-Mash Starter and Broiler Mash with Charcoal.....	18.00	3.60	6.00	49.00	.....	.....	2635G6
Analysis ³⁶³	19.95	4.58	5.88	52.55	9.98	7.06	344K
Red Chain Fine-Finish Brand Fattner.....	13.00	4.00	5.30	61.00	.....	.....	2635G7
Analysis.....	14.87	3.69	4.93	61.53	11.03	3.95	185K
Red Chain Brand Bulky Alcom Horse and Mule Feed.....	9.50	3.40	11.00	50.00	.....	.....	2635G9
Analysis.....	12.60	4.81	9.89	58.20	11.08	3.42	74M
Universal Brand Laying Mash Nugget Feed.....	19.00	3.50	7.00	49.00	.....	.....	2635I1
Analysis.....	18.55	4.46	6.17	54.40	9.21	7.21	97K
Analysis.....	18.89	4.64	6.43	54.05	9.19	6.80	46W
Red Chain All-Purpose Nugget Feed with Charcoal.....	15.50	3.50	6.00	50.00	.....	.....	2635I2
Analysis.....	17.23	4.40	5.76	59.49	4.83	8.29	214W
Worthmore Brand Sweet Feed.....	9.00	2.00	14.00	56.00	.....	.....	2635J8
Analysis.....	11.73	1.95	15.83	53.21	10.32	6.96	176K
Analysis.....	16.05	2.31	9.20	50.63	13.16	8.65	353M
Analysis.....	9.80	1.80	15.34	52.38	12.22	8.46	170T
Analysis.....	11.56	2.49	11.12	53.94	11.92	8.97	326T
Analysis.....	9.22	1.77	17.53	52.65	10.61	8.22	128W
Blue Chain Lay Mash.....	19.00	3.80	8.00	49.00	.....	.....	2635J9
Analysis ³⁶²	19.20	4.73	7.38	53.14	9.76	5.79	2K
Analysis ³⁶²	20.90	4.47	6.99	51.37	9.66	6.61	420K
Blue Chain 24% Protein Dairy Feed.....	24.00	3.00	9.00	46.00	.....	.....	2635K1
Analysis.....	26.25	3.98	8.37	44.91	9.97	6.52	1K
Analysis.....	26.20	4.06	7.38	45.55	10.26	6.55	462M
Valley Star Seed & Grain Products Company,							
San Juan, Texas.							
Valley Star Mixed Feed.....	18.00	3.60	14.00	44.00	.....	.....	790E
Analysis ³⁶⁴	22.85	6.20	12.77	42.43	9.44	6.31	161H
The Valley Star Special Mixed Feed.....	22.00	3.00	13.00	42.00	.....	.....	790F
Analysis ³⁶⁵	22.00	5.77	11.99	43.86	9.37	7.01	368H

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.

361Deficient in ground limestone.

362Deficient in precipitated calcium carbonate and salt.

363Obsolete tags attached.

364Wheat bran and ear corn chop claimed, not found. Milo chop and ground peanut hay found, not claimed.

365Alfalfa meal claimed, not found. Ground peanut hay found, not claimed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Van Alstyne Cotton Oil Company, Van Alstyne, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>	.....	.....	428G
Analysis.....	44.22	6.38	11.36	25.71	6.86	5.47	80T
Analysis.....	44.74	6.64	10.26	24.06	8.41	5.89	201T
Vanco Mixed Feed.....	<i>16.00</i>	<i>2.30</i>	<i>37.50</i>	<i>27.50</i>	.....	.....	428J
Analysis.....	16.80	2.85	33.62	37.47	5.93	3.33	351T
Vandover's Feed Store, Pampa, Texas.							
Sure-Good Brand Dairy Feed.....	<i>16.00</i>	<i>3.00</i>	<i>9.00</i>	<i>53.00</i>	.....	.....	689O
Analysis.....	18.56	4.03	8.23	53.99	9.68	5.51	325K
Venable Feed Store and Hatchery, Waco, Texas.							
Ven-O-Laying Mash.....	<i>20.00</i>	<i>3.60</i>	<i>6.50</i>	<i>45.50</i>	.....	.....	2678C
Analysis.....	21.80	5.59	5.15	50.26	8.94	8.26	52W
Vernon Cotton Oil Company, Vernon, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	593H
Analysis.....	41.75	10.33	11.11	25.23	5.76	5.82	265K
41.12% Protein Ground Cottonseed Feed.....	<i>41.12</i>	<i>5.00</i>	<i>14.00</i>	<i>26.00</i>	.....	.....	593J
Analysis.....	41.87	9.88	10.96	24.32	7.06	5.91	285K
Vest Brothers Feed Company, Brownfield, Texas.							
Ground Hegari Heads, Stalks and Stems.....	<i>7.00</i>	<i>2.00</i>	<i>20.00</i>	<i>55.00</i>	.....	.....	1085E
Analysis.....	6.37	1.65	16.47	51.86	7.38	16.27	502K
Waco Cotton Oil Mill, Waco, Texas.							
Panther Brand Mixed Feed	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.00</i>	.....	.....	464A
Analysis.....	11.90	2.29	36.56	40.36	5.63	3.26	107W
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	464F
Analysis.....	41.76	6.88	11.52	28.01	6.37	5.46	49W
Analysis.....	43.11	6.70	10.09	28.12	6.12	5.86	65W
Analysis.....	45.01	7.11	9.39	26.61	6.75	5.13	139W
Analysis.....	43.21	7.19	9.58	26.61	7.69	5.72	226W
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	464G
Analysis.....	43.97	6.36	10.13	25.98	8.11	5.45	164W
Analysis.....	43.36	6.19	10.63	26.96	7.12	5.74	173W
Analysis.....	43.95	6.43	9.70	27.33	7.09	5.50	239W
Waco Grain & Seed Company, Waco, Texas.							
Special 21% Protein Dairy Feed.....	<i>21.00</i>	<i>4.00</i>	<i>11.00</i>	<i>45.00</i>	.....	.....	510A
Analysis.....	22.21	4.75	10.02	44.22	11.20	7.60	380W
Wade Meat Company, Sweetwater, Texas.							
50% Protein Meat and Bone Scraps..	<i>50.00</i>	<i>6.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	1475B
Analysis.....	52.81	9.94	2.50	.95	8.13	25.67	134S
Wagner, G. E., Milford, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	2392B
Analysis.....	7.05	2.63	15.29	62.85	10.32	1.86	272F
Walden's Feed & Produce Market, Alvarado, Texas.							
Walden's Growing Mash.....	<i>14.00</i>	<i>3.30</i>	<i>5.50</i>	<i>51.00</i>	.....	.....	1535I
Analysis.....	15.92	4.44	4.33	55.06	10.15	10.10	389W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.
 366Packed in sacks containing illegal net weights. Error corrected and sale resumed.
 367Excess ground corn cob and husk found. Registration canceled.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Waldo Alfalfa Milling Company, Inc., El Reno, Oklahoma.							
Waldo's Dehydrated Alfalfa Leaf Meal	20.00	2.50	18.00	40.00	.....	.....	2689D
Analysis	21.63	3.26	23.60	36.65	4.19	10.67	379M
Analysis	18.65	2.80	20.84	39.96	6.04	11.71	443M
Waldo's Alfalfa Stem Meal	9.00	0.80	40.00	30.00	.....	.....	2689E
Analysis ^{368 b}	10.89	1.08	40.00	30.94	11.51	5.58	186M
Waldo's No. 1 Finely Ground Alfalfa Meal for Poultry	13.00	1.50	33.00	35.00	.....	.....	2689G
Analysis ^{368 d}	16.44	1.60	28.38	36.90	6.76	9.92	452K
Wallace Grain Milling Company, Fort Worth, Texas.							
Dairy Feed	17.00	3.40	13.00	46.00	.....	.....	1793D
Analysis	20.29	4.54	11.95	46.33	9.03	7.86	443T
Ward's Feed Store, Lubbock, Texas.							
Ward's Dairy Feed	18.00	3.00	13.00	45.00	.....	.....	682C
Analysis	19.91	3.78	12.69	46.33	7.76	9.53	492K
Warnken & Sons, A. D., Poth, Texas.							
28% Protein Whole-Pressed Cottonseed	28.00	6.00	23.00	29.00	.....	.....	2209A
Analysis	28.72	4.36	23.89	32.94	6.05	4.04	11H
Wearden, Ed., Glen Flora, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	.....	.....	997C
Analysis ³⁶⁹	7.86	2.66	10.54	65.12	12.34	1.54	305M
Weatherford Milling Company, Inc., El Reno, Oklahoma.							
Diamond "C" Egg Mash	18.00	4.00	8.00	47.00	.....	.....	138A
Analysis	18.40	4.57	7.71	53.98	7.52	7.82	521K
Best-on-Earth Brand Chick All-Mash with Manganese Sulphate	18.00	3.60	6.50	49.00	.....	.....	138I
Analysis	20.00	4.78	5.44	52.07	9.82	7.89	401K
Weimar Oil Mill, Inc., Weimar, Texas.							
43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00	.....	.....	215C
Analysis	44.40	6.63	9.75	25.81	7.06	6.35	101M
Weinmann Milling Company, J. F., Little Rock, Arkansas.							
Peerless Brand Special Sweet Feed	9.00	1.70	27.00	39.00	.....	.....	2407U
Analysis ³⁷⁰	6.60	1.12	19.00	45.95	14.84	12.49	175F
Analysis ^{371 h}	7.57	1.77	19.89	47.05	14.25	9.47	286F
Welch Grain Company, Dalhart, Texas.							
Ear Corn Chop with Husk	8.00	3.00	10.00	65.00	.....	.....	690I
Analysis ^{372 h}	8.65	2.07	12.98	59.40	9.72	7.18	387K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁶⁸Tags incorrectly printed.³⁶⁹Obsolete tags attached.³⁷⁰Deficient in 43% protein cottonseed meal. Excess ground limestone found.³⁷¹Ear corn chop with husk claimed, not found. Whole barley found, not claimed. Excess dried sugar cane pith found. Information on tags and bags at variance. Name and analysis on bags blocked out and sale resumed.³⁷²Packed in bags containing illegal net weight. Mutilated tags attached. Information on tags and bags at variance. Errors corrected and sale resumed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Wendland Grain Company, Temple, Texas.							
Belloco Special Five Egg Mash.....	20.00	3.80	6.50	44.00			1701F
Analysis.....	21.38	4.76	5.44	47.77	10.87	9.78	188W
Make-Mo Brand Special Mix Dairy Feed.....	18.50	3.20	12.00	49.00			1701O
Analysis.....	19.32	3.68	9.79	48.38	10.80	8.03	507W
E-Ko Egg Laying Mash.....	20.00	3.50	8.00	45.00			1701T
Analysis.....	21.15	3.94	6.84	50.39	7.98	9.70	6W
E-Ko All-Mash Baby Chick Starter with Charcoal.....	14.00	4.00	6.00	51.00			1701Y
Analysis.....	16.10	5.03	5.99	55.08	10.21	7.59	340W
E-Ko Growing Mash with Charcoal.....	15.50	3.90	6.20	55.00			1701A1
Analysis ³⁷³	16.50	4.60	6.92	55.56	11.11	5.31	418W
E-Ko Turkey Starter with Charcoal.....	18.00	3.80	6.00	48.00			1701A2
Analysis.....	20.15	5.37	5.43	50.82	10.00	8.23	423W
Ear Corn Chop with Husk, Molasses, Oyster Shell, and Salt.....	6.50	2.20	8.00	62.00			1701A7
Analysis.....	7.40	2.20	6.91	62.31	14.64	6.54	271W
West Cotton Oil Mill, West, Texas.							
Panther Mixed Feed.....	11.00	1.60	42.50	28.00			447A
Analysis.....	12.02	2.28	35.10	39.78	7.77	3.05	53W
Analysis.....	10.76	1.69	38.04	39.42	6.91	3.13	137W
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			447E
Analysis.....	43.20	6.75	9.68	26.42	8.11	5.84	390T
Analysis.....	42.96	7.52	11.14	27.39	5.38	5.67	63W
Analysis.....	44.06	7.28	9.30	26.59	7.21	5.56	219W
Analysis.....	43.90	7.64	9.65	25.58	7.05	5.18	220W
Analysis.....	42.76	7.38	10.19	26.87	7.18	5.68	322W
Analysis.....	43.79	7.39	9.92	25.72	7.57	5.61	466W
43% Protein Cottonseed Cake.....	43.00	6.00	12.00	23.00			447F
Analysis.....	43.25	6.29	10.76	26.14	7.84	5.72	212W
West Feed & Grist Mill, Glen Rose, Texas.							
Ground Whole Oats.....	11.00	4.00	12.00	58.00			661D
Analysis.....	11.54	5.26	12.45	57.29	9.57	3.89	476W
West Flour Mill, West, Texas.							
Economy Brand Laying Mash.....	18.00	3.80	7.00	47.50			935B
Analysis.....	19.48	4.55	6.85	48.30	10.49	10.33	211W
Economy Brand Dairy Feed.....	21.00	3.40	10.00	43.00			935F
Analysis.....	22.14	4.47	11.90	43.48	10.38	7.63	471W
Economy Brand Starting Mash with Minerals.....	18.00	3.80	5.00	54.00			935H
Analysis.....	18.75	5.10	4.74	54.56	8.53	8.32	328W
Economy Brand Growing Mash with Minerals.....	17.00	3.50	6.00	53.00			935I
Analysis.....	18.45	5.10	5.66	53.17	9.18	8.44	470W
Wes-Tex Grain & Milling Company, Plainview, Texas.							
Alfalfa Meal.....	13.00	1.50	33.00	35.00			2425M
Analysis ^a	17.70	1.62	27.56	35.82	7.78	9.52	383K
Excellent Brand Dairy Cow Feed.....	15.00	3.00	9.00	54.00			2425S
Analysis ³⁷⁴	16.73	2.89	7.42	56.28	10.54	6.14	44K
Hegari Head Chop and Molasses.....	7.80	2.20	7.70	65.00			2425V
Analysis ^{375 b}	11.15	2.16	7.13	58.63	14.15	6.78	132K
Wes-Tex All-Mash Baby Chick Starter.....	18.00	3.70	6.00	53.00			2425A1
Analysis.....	21.40	4.78	5.77	51.89	9.76	6.40	220K

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁷³Obsolete tags attached.

³⁷⁴Milo head chop substituted for hegari head chop.

³⁷⁵Milo head chop and molasses.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Wes-Tex Grain & Milling Company, Plainview, Texas—Continued.							
Wes-Tex Egg-Maker with Charcoal and Cod Liver Oil.....	<i>18.00</i>	<i>3.50</i>	<i>7.00</i>	<i>49.00</i>	.....	.....	2425A3
Analysis.....	20.10	4.39	4.99	52.85	8.61	9.06	43K
New Deal Brand Special Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>15.50</i>	<i>49.00</i>	.....	.....	2425A8
Analysis.....	13.76	2.12	18.22	46.90	7.35	11.65	9K
Wes-Tex Laying Mash.....	<i>20.00</i>	<i>3.50</i>	<i>7.00</i>	<i>46.00</i>	.....	.....	2425A9
Analysis.....	22.40	4.95	6.78	48.92	9.02	7.93	131K
Wes-Tex All-Mash Turkey Starter.....	<i>26.00</i>	<i>3.50</i>	<i>4.50</i>	<i>34.00</i>	.....	.....	2425B1
Analysis.....	25.38	5.38	6.13	44.69	8.30	10.12	437K
Wes-Tex Growing Mash with Cod Liver Oil.....	<i>18.00</i>	<i>3.50</i>	<i>6.00</i>	<i>52.00</i>	.....	.....	2425B2
Analysis.....	19.57	4.38	6.21	54.82	8.63	6.39	412K
Wes-Tex Vitality Brand Growing Mash with Minerals.....	<i>16.50</i>	<i>3.50</i>	<i>5.00</i>	<i>52.50</i>	.....	.....	2425B3
Analysis.....	18.16	4.52	5.61	54.35	9.89	7.47	371K
Wes-Tex Poultry Grower and Developer Mash.....	<i>19.50</i>	<i>3.50</i>	<i>7.50</i>	<i>48.00</i>	.....	.....	2425B4
Analysis.....	22.01	5.14	6.50	49.81	7.37	9.17	514K
Wes-Tex Turkey Breeder Mash.....	<i>22.00</i>	<i>3.50</i>	<i>6.00</i>	<i>44.50</i>	.....	.....	2425B6
Analysis.....	22.40	4.83	6.67	45.95	8.49	9.66	221K
Alfalfa Leaf Meal.....	.....	.....	.....	.....	.....	.....	.....
Analysis <i>g h i 376</i>	21.67	2.00	14.38	37.34	11.44	13.17	222K
West Texas Cottonoil Co., Abilene, Texas.							
Paymaster Brand 43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1417B
Analysis.....	43.10	6.83	10.28	26.73	7.50	5.56	244S
Paymaster Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1417D
Analysis.....	44.06	7.03	11.05	27.60	4.96	5.30	68S
Analysis.....	42.72	7.98	11.29	27.06	5.94	5.01	69S
Analysis.....	43.14	7.93	11.12	26.71	5.99	5.11	70S
Analysis <i>e</i>	41.00	8.41	10.50	27.94	6.92	5.23	208S
Analysis.....	44.95	7.36	9.46	26.42	6.13	5.68	259S
Analysis <i>e</i>	41.59	8.13	10.47	27.11	7.32	5.38	282S
Analysis.....	43.49	6.41	11.34	27.14	6.14	5.48	133T
Paymaster Brand Aco Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.00</i>	.....	.....	1417E
Analysis.....	11.72	2.34	31.92	43.30	6.64	4.08	420S
Paymaster Brand 43% Protein Cottonseed Cubes.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1417M
Analysis.....	43.34	6.63	10.28	26.66	7.64	5.45	1417M
Analysis <i>d a</i>	42.55	7.72	10.22	25.85	8.34	5.32	138S
West Texas Cottonoil Co., Ballinger, Texas.							
Paymaster Brand Mixed Feed.....	<i>11.40</i>	<i>1.60</i>	<i>42.00</i>	<i>28.50</i>	.....	.....	327C
Analysis.....	13.37	2.64	39.27	34.07	7.03	3.62	124S
Paymaster Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	327F
Analysis <i>e</i>	40.49	8.70	12.22	27.25	5.76	5.58	45S
Analysis.....	42.59	8.77	11.23	26.02	5.81	5.58	46S
Analysis <i>e</i>	41.17	8.04	11.02	28.31	5.69	5.77	248S
Analysis.....	42.76	8.51	9.90	27.43	5.73	5.67	249S
Analysis.....	43.67	7.68	10.42	27.18	5.71	5.34	254S
Analysis <i>e</i>	41.99	7.45	12.65	27.89	5.10	4.92	306S
Analysis <i>e</i>	40.72	9.05	10.52	27.16	6.93	5.62	320S
Paymaster Brand 43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	327G
Analysis.....	43.60	6.08	11.17	27.03	6.45	5.67	44S
Analysis.....	45.01	6.72	9.64	26.64	6.36	5.63	47S
Analysis.....	44.34	5.70	10.64	27.17	7.04	5.11	185S
Analysis.....	42.53	6.44	12.46	27.30	5.61	5.66	305S

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.³⁷⁶Packed in bags containing illegal net weights. Used in manufacture of mixed feed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued
(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
West Texas Cottonoil Co., Littlefield, Texas.							
Paymaster Brand 43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1643A
Analysis.....	45.85	6.98	8.92	26.42	6.16	5.67	375K
Paymaster Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1643B
Analysis.....	43.65	5.86	11.87	26.55	6.82	5.25	45K
Analysis <i>e</i>	42.30	5.80	11.90	27.87	6.89	5.24	120K
Analysis <i>e</i>	42.41	5.70	11.57	28.34	6.95	5.03	133K
Analysis <i>e</i>	42.26	7.19	9.68	28.32	6.62	5.93	374K
Paymaster Brand 43% Protein Cottonseed Cubes.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1643K
Analysis.....	42.83	6.84	9.52	28.18	6.88	5.75	376K
West Texas Cottonoil Co., Munday, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	151A
Analysis.....	44.11	8.57	10.07	26.09	5.41	5.75	59S
Analysis <i>e</i>	41.20	10.20	10.73	26.33	6.12	5.42	129S
Analysis <i>e</i>	41.18	7.63	11.72	27.39	6.38	5.70	202S
Analysis.....	42.79	8.22	10.64	26.22	6.49	5.64	203S
Paymaster Brand Jersey Pride Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>	.....	.....	151D
Analysis.....	10.01	1.90	37.99	40.76	5.98	3.36	201S
West Texas Cottonoil Co., Plainview, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1148A
Analysis.....	42.62	6.86	11.08	27.79	6.43	5.22	135K
Analysis.....	44.40	6.75	9.75	27.87	5.76	5.47	213K
Analysis.....	45.39	6.65	9.28	27.01	6.31	5.36	233K
Analysis <i>e</i>	42.36	6.27	10.25	28.90	6.59	5.63	236K
Paymaster Brand 43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1148B
Analysis.....	44.06	6.77	9.09	27.42	6.83	5.83	245K
Analysis.....	42.82	6.70	10.21	29.06	5.64	5.57	297K
Paymaster Brand Creamo Mixed Feed.....	<i>11.00</i>	<i>1.60</i>	<i>42.50</i>	<i>28.50</i>	.....	.....	1148E
Analysis.....	11.70	2.17	34.41	41.78	6.78	3.16	234K
Paymaster Brand 43% Protein Cottonseed Cubes.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1148K
Analysis.....	45.56	7.92	8.18	25.81	7.20	5.33	136K
West Texas Cottonoil Co., San Angelo, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	843F
Analysis.....	45.78	8.00	9.84	25.70	5.22	5.46	32S
Analysis.....	46.85	7.09	9.69	25.10	5.74	5.53	33S
Analysis.....	47.40	6.42	9.73	25.43	5.41	5.61	34S
Analysis.....	44.22	9.05	10.36	26.13	4.94	5.30	37S
Analysis.....	46.86	8.39	9.03	25.34	4.93	5.45	39S
Analysis <i>e</i>	41.36	8.57	12.14	27.28	5.78	4.87	116S
Analysis <i>e</i>	40.08	8.51	12.35	27.57	6.50	4.99	170S
Analysis <i>e</i>	40.65	8.72	11.07	27.90	6.34	5.32	182S
Analysis <i>e</i>	40.91	7.95	11.79	27.89	6.07	5.39	242S
Analysis <i>e</i>	41.14	6.98	11.86	28.02	6.69	5.31	263S
Analysis <i>e</i>	40.99	7.36	12.67	28.38	5.85	4.75	264S
Analysis.....	42.59	8.49	11.19	26.96	5.69	5.08	265S
Analysis.....	43.28	8.30	11.42	25.69	6.04	5.27	308S
Paymaster Brand 43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	843G
Analysis.....	45.30	6.71	10.31	26.14	6.12	5.42	31S
Analysis.....	46.25	6.73	10.29	25.45	5.75	5.53	35S

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
West Texas Cottonoil Co.,							
San Angelo, Texas—Continued.							
Paymaster Brand 43% Protein Cottonseed Cake—Continued.							
Analysis	43.00	6.82	10.66	27.17	7.44	4.91	115S
Analysis <i>c</i>	40.92	5.92	13.51	28.46	6.20	4.99	168S
Analysis	43.52	7.47	8.82	28.05	6.63	5.51	178S
Analysis	43.44	7.12	11.34	26.56	6.49	5.05	243S
Analysis	45.32	7.61	9.42	25.83	6.70	5.12	246S
Analysis	44.09	7.68	10.94	25.71	6.47	5.11	247S
Paymaster Brand 43% Protein Cottonseed Pellets.	43.00	6.00	12.00	23.00			843J
Analysis <i>c</i>	40.60	8.58	11.61	25.43	8.83	4.95	241S
West Texas Cottonoil Co.,							
Seymour, Texas.							
Paymaster Brand 43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			581B
Analysis	42.85	6.52	12.31	27.02	5.71	5.59	58S
Paymaster Brand 41.12% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00			581E
Analysis	41.76	8.14	11.11	27.68	5.65	5.66	200S
West Texas Cottonoil Co.,							
Shamrock, Texas.							
Paymaster Brand 43% Protein Cracked Cottonseed Cake	43.00	6.00	12.00	23.00			1758A
Analysis	43.40	7.07	10.05	27.22	6.84	5.42	152K
Analysis <i>b c</i>	38.95	6.00	11.57	29.86	8.17	5.45	324K
Paymaster Brand 28% Protein Whole-Pressed Cottonseed	28.00	5.00	23.00	29.00			1758B
Analysis	26.42	6.45	19.79	37.45	5.65	4.24	257K
Paymaster Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1758E
Analysis <i>c</i>	39.57	7.26	11.21	29.03	7.66	5.27	259K
Analysis <i>c</i>	40.01	6.52	10.89	28.10	9.29	5.19	320K
Paymaster Brand 28% Protein Ground Whole-Pressed Cottonseed	28.00	5.00	23.00	29.00			1758K
Analysis	28.92	5.90	21.82	34.20	4.54	4.62	158K
West Texas Cottonoil Co.,							
Slaton, Texas.							
Paymaster Brand 43% Protein Cottonseed Cake	43.00	6.00	12.00	23.00			1118A
Analysis	42.94	5.29	12.49	27.79	6.36	5.13	168K
Analysis	43.48	5.00	12.36	27.07	6.84	5.25	169K
Analysis	43.56	5.33	11.61	27.89	6.37	5.24	171K
Analysis	43.95	5.74	10.41	27.92	6.43	5.55	273K
Analysis	43.64	5.43	11.09	27.84	6.78	5.22	274K
Analysis <i>c</i>	41.95	5.76	10.61	29.04	7.15	5.49	275K
Analysis	44.38	5.44	10.92	26.39	7.59	5.28	276K
Analysis <i>c</i>	42.30	6.52	9.79	28.19	7.61	5.59	305K
Analysis <i>c</i>	42.07	6.81	9.30	28.09	7.94	5.79	306K
Analysis	42.79	6.91	8.88	27.93	7.57	5.92	307K
Analysis	42.79	6.38	9.82	27.92	7.48	5.61	308K
Paymaster Brand 43% Protein Cottonseed Meal	43.00	6.00	12.00	23.00			1118B
Analysis	42.92	7.82	10.86	27.42	5.60	5.38	194K
Analysis <i>b c</i>	40.91	6.98	11.08	27.98	7.39	5.66	291K
Analysis <i>c</i>	42.21	6.76	11.52	27.09	7.12	5.30	293K
Analysis <i>b c</i>	41.54	7.21	12.13	28.37	5.24	5.51	494K
Paymaster Brand Mixed Feed	11.00	1.60	42.50	28.50			1118C
Analysis ³⁷⁷	11.50	1.62	35.83	39.25	6.71	5.09	195K

a, b, c, d, e, f, g, h, i.—See legend at the beginning of this table.³⁷⁷Tags incorrectly printed.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
West Texas Cottonoil Co., Winters, Texas.							
Paymaster Brand 43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1304A
Analysis.....	45.52	7.95	10.00	25.34	5.81	5.38	41S
Analysis <i>e</i>	<i>42.29</i>	<i>8.50</i>	<i>11.74</i>	<i>27.00</i>	<i>5.35</i>	<i>5.12</i>	122S
Analysis.....	<i>42.52</i>	<i>8.32</i>	<i>11.57</i>	<i>27.09</i>	<i>5.41</i>	<i>5.09</i>	123S
Analysis.....	<i>43.97</i>	<i>7.00</i>	<i>10.72</i>	<i>26.75</i>	<i>6.40</i>	<i>5.16</i>	192S
Analysis.....	45.47	8.20	9.22	25.75	6.27	5.09	262S
Analysis.....	<i>43.77</i>	<i>8.14</i>	<i>10.47</i>	<i>27.09</i>	<i>5.45</i>	<i>5.08</i>	268S
Paymaster Brand 43% Protein Cottonseed Cake.....							
Analysis <i>e</i>	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>			1304B
Analysis.....	<i>42.43</i>	<i>6.79</i>	<i>11.41</i>	<i>26.51</i>	<i>7.43</i>	<i>5.40</i>	94S
Analysis.....	43.89	6.29	11.51	26.12	7.17	5.02	253S
West Texas Feed & Seed Company, Hereford, Texas.							
Mo-Milk Brand Dairy Feed.....	<i>16.00</i>	<i>3.00</i>	<i>9.50</i>	<i>52.00</i>			545J
Analysis.....	17.84	3.52	7.97	56.03	9.34	5.30	49K
Western Condensing Company, Eureka, California, and Branches.							
Peebles Dried Whey.....	<i>12.00</i>	<i>0.50</i>	<i>0.10</i>	<i>65.00</i>			258A
Analysis <i>a</i>	12.92	.52	.34	67.52	8.40	10.30	253M
Whaley Mill & Elevator Company, Gainesville, Texas.							
Wheat Gray Shorts and Screenings...	<i>15.00</i>	<i>3.50</i>	<i>6.00</i>	<i>55.00</i>			15I
Analysis.....	16.21	3.59	5.14	60.24	11.44	3.38	277T
Whaley's Laying Mash.....	<i>18.20</i>	<i>3.50</i>	<i>6.00</i>	<i>48.00</i>			15V
Analysis.....	19.35	5.46	5.75	51.99	8.83	8.62	467T
Whaley's Special Dairy Feed.....	<i>17.80</i>	<i>3.20</i>	<i>8.80</i>	<i>52.00</i>			15Z
Analysis.....	18.64	4.51	8.08	55.13	8.84	4.80	148T
Wharton County Cotton Oil Mill, El Campo, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>25.00</i>			1863C
Analysis.....	44.73	6.91	8.92	26.01	7.59	5.84	51M
Wheeler Cotton Oil Company, Inc., Wheeler, Texas.							
28% Protein Whole-Pressed Cottonseed Pellets.....	<i>28.00</i>	<i>4.00</i>	<i>23.00</i>	<i>29.00</i>			1872D
Analysis.....	29.00	8.73	21.28	30.21	6.70	4.08	148K
Analysis.....	<i>27.26</i>	<i>5.70</i>	<i>21.59</i>	<i>34.09</i>	<i>6.72</i>	<i>4.64</i>	154K
Analysis.....	28.06	6.23	21.81	32.15	7.39	4.36	323K
28% Protein Ground Whole-Pressed Cottonseed.....	<i>28.00</i>	<i>4.00</i>	<i>23.00</i>	<i>29.00</i>			1872E
Analysis.....	27.47	5.69	20.57	36.60	5.48	4.19	256K
White Grain Company, Brownfield, Texas.							
White's Milk-Producer Dairy Feed...	<i>16.00</i>	<i>3.00</i>	<i>12.00</i>	<i>47.00</i>			316D
Analysis.....	17.27	3.61	11.62	51.20	9.29	7.01	117K
Whorton Feed Mill, Joshua, Texas.							
Ground Peanut Hay.....	<i>10.00</i>	<i>3.50</i>	<i>24.00</i>	<i>44.00</i>			2154A
Analysis.....	9.25	3.21	20.04	43.36	11.32	12.82	391W
Wichita Desiccating Company, The, Wichita, Kansas.							
W-D 50% Protein Meat and Bone Scraps.....	<i>50.00</i>	<i>6.00</i>	<i>3.00</i>	<i>0.00</i>			1159A
Analysis.....	57.90	10.64	1.05	1.14	5.83	23.44	1159A

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Wichita Falls Cotton Oil Company,							
Wichita Falls, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	644C
Analysis ^c	40.14	9.59	12.67	27.11	5.01	5.48	50T
Analysis.....	42.60	9.27	11.99	25.16	5.42	5.56	58T
Analysis.....	42.99	6.69	11.30	28.13	5.25	5.64	260T
Analysis.....	43.68	8.21	9.62	27.28	5.56	5.65	407T
43% Protein Cottonseed Cake.....	<i>43.00</i>	<i>5.20</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	644D
Analysis.....	42.77	6.70	12.87	26.26	5.97	5.43	69T
Wichita Feed Store,							
Wichita Falls, Texas.							
Sure Brand Lay Mash.....	<i>18.00</i>	<i>3.60</i>	<i>7.50</i>	<i>49.00</i>	.....	.....	707E
Analysis ³⁷⁸	19.12	4.77	7.25	49.15	10.85	8.86	197T
Wichita's Best Brand All-Mash Chick Starter with Cod Liver Oil.....	<i>14.00</i>	<i>3.50</i>	<i>6.50</i>	<i>53.00</i>	.....	.....	707F
Analysis.....	15.58	5.85	7.12	54.13	9.95	7.37	335T
Wichita's Special Brand 24% Protein Cow Feed.....	<i>24.00</i>	<i>3.60</i>	<i>15.00</i>	<i>41.00</i>	.....	.....	707M
Analysis.....	23.37	4.18	13.95	42.07	9.24	7.19	196T
Ikes 19% Protein Cow Feed.....	<i>19.00</i>	<i>3.00</i>	<i>27.00</i>	<i>36.00</i>	.....	.....	707O
Analysis ³⁷⁹	19.70	4.06	23.32	35.81	9.35	7.76	192T
Wichita Mill & Elevator Company,							
(Trade Name) Southwestern Division of General Mills, Inc.,							
Wichita Falls, Texas.							
Wheat Gray Shorts.....	<i>17.50</i>	<i>4.00</i>	<i>6.00</i>	<i>55.00</i>	.....	.....	229J
Analysis ³⁸⁰	18.71	4.39	6.15	55.38	11.08	4.29	64T
Analysis ^g	18.56	4.19	5.65	55.75	11.97	3.88	262T
Wilbur-Ellis Company,							
San Francisco, California.							
Lighthouse Brand 68% Protein Fish Meal.....	<i>68.00</i>	<i>5.00</i>	<i>1.00</i>	<i>0.00</i>	.....	.....	697B
Analysis ^{b,c}	66.35	9.55	.28	5.00	7.42	11.40	34H
Analysis.....	69.83	3.27	.35	5.79	7.97	12.79	41K
Analysis.....	69.33	3.58	.31	6.38	6.98	13.42	448W
Pacific Coast Brand 65% Protein Sardine Meal.....	<i>65.00</i>	<i>4.00</i>	<i>1.00</i>	<i>0.00</i>	.....	.....	697F
Analysis ^a	67.62	4.46	.24	6.76	5.55	15.37	130H
Wilkinson Milling Company,							
Coleman, Texas.							
Wheat Mixed Feed, Screenings, and Hominy Feed.....	<i>15.40</i>	<i>3.40</i>	<i>9.00</i>	<i>42.00</i>	.....	.....	434F
Analysis.....	17.35	3.46	5.72	57.50	12.47	3.50	325S
Williamson Feed & Hatchery,							
Graham, Texas.							
Our Special Dairy Feed.....	<i>20.00</i>	<i>3.90</i>	<i>9.00</i>	<i>49.00</i>	.....	.....	890H
Analysis.....	20.60	4.49	8.70	50.84	9.00	6.37	393T
Wilson Auto Wrecking & Milling Company, J. D.,							
Cleburne, Texas.							
Ground Whole Barley.....	<i>11.00</i>	<i>1.50</i>	<i>6.00</i>	<i>65.00</i>	.....	.....	1305C
Analysis.....	10.42	2.24	5.91	71.38	7.20	2.85	464W
Wilson & Company, Inc.,							
Oklahoma City, Oklahoma.							
Red "W" Brand 50% Protein Meat and Bone Scraps.....	<i>50.00</i>	<i>6.00</i>	<i>3.00</i>	<i>0.00</i>	.....	.....	2399B
Analysis.....	51.62	10.31	1.99	.63	5.77	29.68	509K
Analysis.....	50.43	9.24	1.70	.63	8.36	29.64	425M

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁷⁸Obsolete tags attached.³⁷⁹Excess salt found.³⁸⁰Registration canceled.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Wilson Grain & Elevator Company, Coleman, Texas.							
Wilson's Sweet Feed.....	<i>9.00</i>	<i>2.20</i>	<i>11.00</i>	<i>56.00</i>	.....	.....	1033B
Analysis.....	11.11	1.98	10.35	53.52	13.01	10.03	195S
Wilson Produce Company, Bassel, Belton, Texas.							
Sunshine Brand Laying Mash with Iron Oxide.....	<i>18.00</i>	<i>3.50</i>	<i>7.00</i>	<i>47.00</i>	.....	.....	2183B
Analysis.....	19.47	5.11	6.99	49.15	10.56	8.72	339W
Sunshine Brand Chick Starter with Iron Oxide.....	<i>16.00</i>	<i>3.50</i>	<i>6.00</i>	<i>53.00</i>	.....	.....	2183D
Analysis.....	19.55	5.67	4.73	52.30	9.78	7.97	415W
Witt Milling Company, Plainview, Texas.							
Milo Head Chop.....	<i>8.00</i>	<i>2.50</i>	<i>8.00</i>	<i>65.00</i>	.....	.....	2577D
Analysis.....	10.98	2.79	7.72	62.92	10.59	5.00	232K
Milo Chop.....	<i>10.00</i>	<i>2.50</i>	<i>3.00</i>	<i>70.00</i>	.....	.....	2577E
Analysis ³⁸¹	11.80	2.72	1.91	67.56	14.31	1.70	53K
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	2577H
Analysis.....	9.31	3.18	9.97	65.74	9.46	2.34	512K
Womble Oil Mill Company, Caldwell, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	42C
Analysis.....	42.68	5.65	11.38	28.35	6.15	5.79	267M
43% Protein Nut-Size Cottonseed Cake.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	42D
Analysis.....	43.57	5.27	10.77	26.99	7.63	5.77	268M
Wood County Cotton Oil Company, Mineola, Texas.							
43% Protein Cottonseed Meal.....	<i>43.00</i>	<i>6.00</i>	<i>12.00</i>	<i>23.00</i>	.....	.....	1751E
Analysis.....	41.62	6.96	11.34	26.86	7.83	5.39	92F
Analysis ³⁸²	41.85	6.67	11.09	27.43	7.54	5.42	93F
Analysis.....	43.89	7.19	9.05	25.99	8.16	5.72	249F
Analysis.....	44.35	6.96	9.46	24.73	8.72	5.78	309F
Analysis.....	44.00	6.70	9.11	25.27	8.86	6.06	358F
Woodruff Hatchery & Feed Store, San Angelo, Texas.							
Woodruff's Best Cow Feed.....	<i>20.00</i>	<i>3.40</i>	<i>18.00</i>	<i>41.00</i>	.....	.....	1486D
Analysis.....	19.25	3.99	16.98	42.26	9.77	7.75	315S
Lay-Gold Brand Laying Mash.....	<i>19.00</i>	<i>3.50</i>	<i>5.00</i>	<i>47.50</i>	.....	.....	1486G
Analysis.....	19.60	4.44	5.20	53.77	9.02	7.97	373S
Woodruff's Creamline Brand Mixed Feed.....	<i>19.00</i>	<i>3.40</i>	<i>12.50</i>	<i>45.00</i>	.....	.....	1486H
Analysis.....	20.35	3.79	11.19	47.73	8.45	8.49	409S
Wright Feed Mill, Grapevine, Texas.							
Ear Corn Chop with Husk.....	<i>8.00</i>	<i>3.00</i>	<i>10.00</i>	<i>65.00</i>	.....	.....	631A
Analysis ³⁸²	8.00	2.96	12.59	62.63	11.57	2.25	99T
Ground Whole Oats.....	<i>11.00</i>	<i>4.00</i>	<i>12.00</i>	<i>58.00</i>	.....	.....	631B
Analysis ³⁸³	12.48	5.22	11.01	57.83	9.38	4.08	202T
Analysis.....	13.02	5.30	9.95	57.23	10.64	3.86	212T
Analysis.....	12.53	4.93	11.63	56.34	10.72	3.85	213T
Ground Whole Oats and Oat Hulls.....	<i>8.50</i>	<i>3.00</i>	<i>18.00</i>	<i>56.00</i>	.....	.....	631E
Analysis ³⁸⁴	8.80	3.19	19.88	52.94	9.71	5.48	73R
Analysis ³⁸⁴	7.55	3.21	21.95	53.32	8.56	5.41	169T
Analysis.....	10.26	3.49	17.22	55.13	8.98	4.92	229T
Analysis ³⁸⁴	8.62	3.13	20.57	52.84	9.62	5.22	291T

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

³⁸¹Short in weight. Each sack even-weighted and sale resumed.

³⁸²Excess corn husk found.

³⁸³Some ground whole barley present.

³⁸⁴Excess ground oat hulls present.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Wright Grain Company, Pasadena, Texas.							
Wright's Dairy Feed.....	18.00	4.50	16.00	40.00			1016A
Analysis.....	20.16	5.02	13.15	40.49	11.59	9.59	167M
Wright's Hen Scratch.....	10.20	3.00	3.50	70.00			1016B
Analysis ³⁸⁵	11.55	2.81	1.93	68.24	13.30	2.17	169M
Wright's Laying Mash.....	18.00	4.00	6.20	46.00			1016C
Analysis.....	19.20	6.35	6.09	45.50	9.60	13.26	78M
Wright's Growing Mash.....	17.50	3.60	8.00	50.00			1016D
Analysis.....	19.18	4.88	5.95	50.10	9.78	10.11	166M
Wright's Starting Mash.....	19.00	4.30	5.00	51.00			1016E
Analysis.....	20.43	5.79	5.24	47.85	9.64	11.05	165M
Wright's 24% Protein Dairy Ration.....	24.00	3.60	17.00	36.00			1016F
Analysis ^e	23.32	4.48	15.32	38.19	11.31	7.38	168M
Wright's 24% Protein Dairy Feed.....	24.00	3.80	15.00	37.00			1016F
Analysis.....	25.62	4.38	12.75	40.89	8.67	7.69	336M
Wuenschel Milling Company, Kingsville, Texas.							
Blue Border Brand Laying Mash.....	19.00	3.70	6.00	49.00			156E
Analysis.....	19.70	4.50	4.57	49.60	9.97	11.66	363H
Velvet Brand Growing Mash containing Iron Oxide.....	17.00	3.50	6.50	52.00			156G
Analysis.....	18.89	4.98	5.11	53.04	10.69	7.29	299H
Velvet Brand 19% Protein Milk-Maker Dairy Feed containing Iron Oxide.....	19.00	3.50	8.00	47.00			156L
Analysis.....	21.24	4.47	7.87	49.82	9.52	7.08	364H
Velvet Brand Chick Starter containing Iron Oxide.....	18.00	4.00	6.00	51.00			156M
Analysis.....	19.77	5.14	5.03	52.11	10.63	7.32	298H
Velvet Brand Laying Mash Pellets containing Iron Oxide.....	18.00	3.50	7.00	51.00			156R
Analysis.....	19.53	4.21	4.91	51.04	10.43	9.88	300H
Wyatt Bros., Tahoka, Texas.							
Laymore Brand Egg Mash.....	20.00	3.60	7.50	44.00			1661D
Analysis.....	22.75	4.67	5.75	47.57	9.09	10.17	21K
Sun-Ray Brand Growing Mash.....	14.50	3.00	5.00	54.00			1661G
Analysis.....	16.74	4.18	4.37	59.39	8.82	6.50	493K
Yorktown Cotton Oil & Manufacturing Company, Yorktown, Texas.							
43% Protein Cottonseed Meal.....	43.00	6.00	12.00	23.00			363E
Analysis.....	44.27	6.76	11.39	24.97	7.42	5.19	116H
Analysis.....	43.04	6.64	11.54	26.61	6.97	5.20	189H
Analysis.....	42.93	6.29	10.99	27.26	7.65	4.88	280H
Analysis.....	42.96	6.08	11.75	27.36	6.86	4.99	457H
43% Protein Sheep-Size Cottonseed Cake.....	43.00	6.00	12.00	23.00			363H
Analysis.....	44.24	6.16	10.44	27.11	6.69	5.36	381H
Yukon Mill & Grain Company, Yukon, Oklahoma.							
Wheat Gray Shorts.....	16.50	3.50	6.00	55.00			1026C
Analysis.....	18.60	4.88	5.53	55.44	11.59	3.96	316F
Analysis.....	17.82	4.64	5.34	56.86	11.25	4.09	376F
Analysis ³⁸⁶	18.50	4.09	6.37	56.04	11.03	3.97	180K
Analysis.....	17.89	4.03	6.10	56.58	11.32	4.08	190T
Analysis.....	18.29	4.67	5.62	56.12	11.55	3.75	259T
Analysis ³⁸⁷	17.75	4.31	6.34	56.28	11.51	3.81	364W

a, b, c, d, e, f, g, h, i. —See legend at the beginning of this table.

385Oats found, not claimed.

386Wheat brown shorts. Refund paid in part.

387Wheat brown shorts.

Table 12. Guaranteed Composition and Analyses of Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent						Registration or Inspection No.
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	
Yukon Mill & Grain Company, Yukon, Oklahoma—Continued.							
Hominy Feed.....	<i>10.00</i>	<i>6.00</i>	<i>7.00</i>	<i>60.00</i>	.....	.....	1026H
Analysis.....	12.32	10.35	6.26	57.90	10.02	3.15	340K
Zedler and Sons, C., Luling, Texas.							
Laying Mash.....	<i>20.50</i>	<i>3.50</i>	<i>7.40</i>	<i>44.60</i>	.....	.....	59M
Analysis.....	20.60	5.54	6.52	47.44	8.64	11.26	213H
Growing Mash.....	<i>17.80</i>	<i>3.50</i>	<i>8.30</i>	<i>48.50</i>	.....	.....	59N
Analysis.....	18.80	4.53	7.58	49.76	10.37	8.96	273H
All-Mash Chick Starter.....	<i>16.80</i>	<i>3.50</i>	<i>5.00</i>	<i>52.50</i>	.....	.....	59V
Analysis.....	16.80	5.74	4.74	54.08	11.10	7.54	212H
Analysis.....	16.95	5.58	4.36	54.04	10.79	8.28	272H

Table 13. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1937, to August 31, 1938

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	Calcium (Ca)	Phosphorus (P)	Iodine (I)	Salt (NaCl)	
Armour and Company, Chicago, Illinois, and Branches.											
23% Protein Raw Feeding Bone Meal.....	23.00	3.00	2.00	2.00	6.22	60.21	19.36	10.00			541F
Analysis <i>e</i>	24.30	4.14	.50	4.63							379H
Carey Salt Company, The, Hutchinson, Kansas.											
Carey's Monocalcium Phosphate-Salt.....							2.70	4.30		84.00	1252A
Analysis <i>e</i>							4.64	4.30		82.40	1252A
Coastal Laboratories, Inc., Portland, Oregon.											
Stock-Via-Min.....							11.80	4.68	0.075	48.00	982A
Analysis.....							14.49	5.61		50.04	466T
Consolidated Chemical Industries, Inc., Texas Division, Houston, Texas.											
Texas Lone Star 25% Protein New Process Bone Meal.....	25.00	0.20	3.00	0.00	5.56	62.28	19.36	10.00			1718A
Analysis.....	28.65	.83	.66	2.02			23.35	10.76			10M
Digesta Brand 5% Protein Special Steamed Bone Meal.....	5.00	0.00	2.00	2.00	4.06	83.00	30.00	14.00			1718B
Analysis.....	7.97	.59	3.39	.99			30.98	14.26			304M
Economy Hog & Cattle Powder Company, Shenandoah, Iowa.											
Economy Super-Brand Mineral Feed for Poultry.....							8.93	0.87	0.0125		30B
Analysis.....							10.54	.50			30B
Economy Super-Brand Mineral Feed for Dairy Cows and Calves.....							17.86	1.53	0.025		30C
Analysis.....							18.46	1.54			30C
Economy Brand Mineral Compound.....							25.00	1.53	0.0125		30D
Analysis.....							21.04	1.47			30D

International Agricultural Corporation,									
New York, New York.									
Fos-For-Us.....									
Analysis ^a 1.....							4.68		412S
Interstate By-Products & Supply Company,									
Fort Worth, Texas.									
Interstate 26% Protein Raw Bone Meal.....	26.00	3.00	3.00	3.00			19.36	10.00	768B
Analysis.....	20.51	.90	.78	2.90	5.30	69.61	25.17	8.20	30K
Analysis ^e	21.06	1.35	1.34	6.53	6.20	63.52	24.96	8.07	210K
Interstate 23% Protein Raw Bone Meal.....	23.00	0.20	3.00	0.00			19.36	10.00	768B
Analysis.....	24.40	1.17	.56	2.28	7.38	64.21	24.85	8.42	55R
Lamkin Brothers,									
Brownwood, Texas.									
Giltedge Brand Mineralized Salt.....							17.65	1.63	50.00
Analysis.....							14.39	.02	38.84
Analysis.....							13.75	.08	60.50
Analysis ^a							17.40	.04	50.50
Lochte Storage & Commission Company,									
Fredericksburg, Texas.									
Lochte Mineral Supplement for Livestock.....							7.71	0.57	76.00
Analysis.....							12.28	.88	67.80
Moorman Manufacturing Company,									
Quincy, Illinois.									
Moorman's Range Minerals for Sheep.....							13.80	4.50	0.017
Analysis.....							19.15	4.66	28.50
Analysis.....							20.14	4.85	26.80
Moorman's Top-Kream Brand Minerals for Dairy Cows and Calves.....							25.00	4.00	0.017
Analysis.....							28.98	4.10	26.84
Moorman's Range Minerals for Cattle.....							16.60	6.40	0.017
Analysis.....							26.34	6.96	28.50
Moorman's Range Block Minerals #2 (For Cattle on Alkali or Salt Pastures).....							18.40	8.50	0.017
Analysis.....							24.45	8.48	29.00
									10.50
									9.84
									2281B
									323H
									307S
									2281K
									372S
									2281R
									2281R
									2281S
									2281S
Morton Salt Company,									
Chicago, Illinois.									
Monocalcium Phosphate-Salt.....							2.52	2.94	87.00
Analysis.....							2.71	2.06	85.10
Analysis ^e							4.45	3.78	85.10

a, b, c, d, e, f, g, h, i. —See legend at the beginning of Table 12.
 1Mixed with 50% salt, registered and tagged.

COMMERCIAL FEEDING STUFFS

Table 13. Guaranteed Composition and Analyses of Mineral Feeds, September 1, 1937, to August 31, 1938—Continued

(The guaranties are printed in italics following brand names.)

Name and Address of Manufacturer or Importer. Brand Name.	Per Cent										Registration or Inspection Number
	Crude Protein	Crude Fat	Crude Fiber	Nitrogen-free Extract	Moisture	Crude Ash	Calcium (Ca)	Phosphorus (P)	Iodine (I)	Salt (NaCl)	
Park, Inc., Philip R., San Pedro, California.											
Manamar.....	<i>40.00</i>	<i>3.00</i>	<i>4.00</i>	<i>12.00</i>			<i>4.28</i>	<i>1.31</i>	<i>0.04</i>		2025A
Analysis.....	43.28	3.87	2.27	14.95	6.87	28.76	5.38	2.26			3H
Analysis.....	42.15	3.16	1.98	14.71	7.84	30.16	7.07	1.94			346M
Analysis.....	40.90	4.85	2.64	16.10	5.73	29.78	6.62	2.03			345S
Analysis.....	41.50	3.17	3.06	15.98	6.37	29.92	7.57	1.83			268T
Cattle Manamar.....	<i>35.00</i>	<i>3.00</i>	<i>4.00</i>	<i>20.00</i>			<i>4.28</i>	<i>1.31</i>	<i>0.04</i>		2025B
Analysis.....	36.67	3.10	3.57	21.89	6.22	28.55	5.26	1.56			125K
Cattle Manamar.....	<i>35.00</i>	<i>3.00</i>	<i>4.00</i>	<i>20.00</i>			<i>3.00</i>	<i>1.50</i>	<i>0.04</i>		2025B
Analysis.....	37.95	3.54	3.40	20.30	6.68	28.13	5.00	1.72			346S
Pincoffs Company, Maurice, Houston, Texas.											
Special Steamed Bone Meal.....	<i>5.00</i>	<i>1.00</i>	<i>2.00</i>	<i>0.00</i>			<i>25.15</i>	<i>13.00</i>			1244U
Analysis.....	5.70	.55	2.37	2.42	4.01	84.95	30.65	14.84			416M
Roddie & Company, Brady, Texas.											
Roddie's Mineral Mixture.....							<i>14.29</i>	<i>2.40</i>		<i>49.00</i>	2556P
Analysis.....							16.32	2.14		27.48	2556P
San-Tex Mineral Company, San Angelo, Texas.											
San-Tex Mineral Mixture for Sheep and Cattle.....							<i>16.50</i>	<i>4.60</i>		<i>50.00</i>	1874A
Analysis.....							20.48	2.55		42.60	1874A
Analysis.....							18.23	2.35		48.00	454S
Shellbuilder, Inc., Houston, Texas.											
Shellbuilder Mineral Supplement for Livestock.....							<i>11.00</i>	<i>3.00</i>		<i>60.00</i>	762A
Analysis.....							13.97	2.87		57.00	258H
Analysis.....							15.49	2.96		58.80	210M
Staffel Company, Ferd, San Antonio, Texas.											
Staffel's Mineral Mixture for Hcgs.....							<i>26.58</i>	<i>3.38</i>		<i>12.00</i>	2232H
Analysis.....							28.87	4.34		12.71	2232H

Stricklen, E. A., Del Rio, Texas.											
Mineral Mixture.....							5.36	1.09	0.021	75.00	714A
Analysis.....							9.41	1.45		67.95	714A
Sugar Land Feed Company, Sugar Land, Texas.											
Spent Bone Black.....							32.00	13.50			1528B4
Analysis.....							33.63	14.82			1528B4
Analysis ^a							33.54	16.16			326M
Sweetwater Cotton Oil Company, Sweetwater, Texas.											
Special Mineral Feed for Sheep.....							13.96	2.28	trace	19.66	2278A3
Analysis.....							20.91	3.50		18.00	2278A3
Analysis.....							20.41	3.11		19.86	347S
Swift & Company, Chicago, Illinois, and Branches.											
Swift's 5% Protein Special Steamed Bone Meal.....	5.00	0.00	3.00	4.00			25.15	13.00			270N
Analysis ^{a2}	7.06	.12	2.47	.61	5.85	83.89					350K
Analysis.....	6.70	.25	1.98	2.71	5.52	82.84	30.81	13.72			35R
Analysis.....	9.29	1.63	2.32	4.32	4.48	77.96	28.75	13.10			311S
Swift's 25% Protein Feeding Raw Bone Meal.	25.00	2.00	3.00	0.00			19.36	10.00			270O
Analysis.....	27.27	5.06	.53	1.17	6.13	59.84	21.73	10.49			433K
Analysis.....	27.15	5.02	.93	.14	7.08	59.68	22.34	10.32			38R

a, b, c, d, e, f, g, h, i. —See legend at the beginning of Table 12.
²Short in weight. Each sack even-weighted and sale resumed.