



- Annual Report of the
- Feed Control Service
- 1953-54

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Annual Report of the Feed Control Service, 1953-54

THIS IS THE 49TH ANNUAL REPORT of the work performed by the Feed Control Service in the inspection of feed sold in Texas. It includes additional information which will be of interest to consumers and manufacturers.

During the fiscal year ending August 31, 1954, there were 3,579 samples of feeds and mineral mixtures analyzed chemically and microscopically by the laboratory under the direction of Dr. J. F. Fudge, State Chemist.

RELATION OF THE MOISTURE CONTENT OF FEED INGREDIENTS AND MOLASSES TO HEATING*

Critical Moisture Level of Feeds

It is agreed generally by investigators that the most destructive heating and deterioration processes in grain and other feed ingredients are caused by the growth of molds. Molds will not grow unless sufficient moisture is available, but the amount of moisture that will permit their growth in one material is not necessarily the same for another material.

Studies were begun by the Texas Agricultural Experiment Station in 1951 to determine the critical moisture level (the moisture content at which a feed is barely safe or unsafe from the growth of molds) of individual feed ingredients and of mixtures of ingredients. The critical moisture level of a large number of feeding stuffs was determined at 90° F. and at a relative humidity of 70 percent. These conditions are similar to those in areas and in seasons when heating occurs most frequently. Conditions (adiabatic conditions) where there is no loss of heat have been used to investigate heating in grains by several investigators. Strictly adiabatic conditions were not used in this study because it is doubtful if feeds stored under practical conditions are ever subjected to them.

The critical moisture level of individual feed ingredients is given in the following tabulation:

Ingredients	Critical moisture level, %
Bone meal	8.7
Corn, whole	14.7
Corn, ground	13.0
Sorghum grain, whole	12.7
Sorghum grain, ground	13.0
Oats, whole	14.5
Oats, ground	12.3
Wheat, whole	14.3
Wheat, ground	12.0
Wheat bran	13.0
Wheat, shorts	12.7
Wheat, flaked	14.2
Barley, flaked	14.5
Alfalfa stem meal (dehydrated)	15.5
Alfalfa leaf meal (dehydrated)	15.5
Distillers dark grains (corn)	16.5
Distillers grains (sorghum)	17.0

Protein concentrates

Ingredients	Critical moisture level, %
Fish meal (67% protein)	12.0
Fish meal (61% protein)	10.0
Fish scrap (60% protein)	10.3
Meat and bone scraps	10.6
Sorghum gluten meal	10.8
Corn gluten meal	11.2
Linseed meal	11.0
Soybean meal A (44% protein)	13.1
Soybean meal B (44% protein)	14.5
Soybean meal C (50% protein)	15.5
Cottonseed meal A (expeller)	12.0
Cottonseed meal B (screw press)	11.8
Cottonseed meal C (prepress solvent)	13.0

The critical moisture level of finely ground grain, with the exception of ground sorghum grain, was lower than for the grains before they were ground. Whole corn with 15.0 percent moisture started to heat on the 16th day and reached a maximum temperature of 95° F. on the 34th day. The same corn ground with 13.3 percent moisture, started to heat on the 12th day and reached a maximum temperature of 108° F. on the 19th day. These results show that whole

*Contributed by L. R. Richardson, Department of Biochemistry and Nutrition.

CONTENTS

	Page
Introduction	3
Relation of the Moisture Content of Feed Ingredients and Molasses to Heating	3
Critical Moisture Level of Feeds	3
Heating in Mixtures Containing Molasses	4
Standard for Molasses	4
A Simple Milk-replacer Formula for Dairy Calves	5
Suggestions to Purchasers of Feed	6
Examine Labels	6
Feed Not as Represented	6
Feed Samples	6
Freight Bills and Invoices	7
Seed Samples	7
Bulk Feed	7
Official Tax Tags	7
Regulations Adopted	7
Method of Calculating Guaranteed Analysis of a Formula Feed	8
Suggested Guaranties	8
Special-purpose Formula Feeds	8
Estimated Tonnage Sold in Texas	9
Violations of the Law	9
Shipments Withdrawn from Sale	9
Average Composition of Feeds Analyzed	10
Cane Molasses	11
Results of Analyses	11
Definition of Terms	11

grains may be relatively safe from heating before they are ground but may heat rapidly after they are ground. The reason for whole sorghum grain heating at a lower moisture level than ground sorghum grain is not entirely clear. The difference was small and probably indicates that there is no real difference in the critical moisture level of ground and whole sorghum grain.

The values for protein concentrates show that the critical moisture level varied with different lots of material. The critical moisture level of fish meal containing 67 percent protein and of soybean meal (C) containing 50 percent protein was higher than of similar materials with less protein. Cottonseed meal prepared by the prepress solvent process had a higher critical moisture level than cottonseed meal prepared either by the expeller or screw press processes. The three meals had essentially the same protein content and the difference in heating cannot be attributed to this constituent. These data suggest that the method of preparing or handling the materials, or both, may affect the critical moisture level.

Heating in Mixtures Containing Molasses

Heating occurs in feeds containing molasses more frequently than in those containing any other ingredient. Studies were carried out with mixtures of corn meal and molasses and with mixtures of alfalfa meal and molasses to determine the influence of the moisture content of the ingredient and of the molasses on heating.

Corn meal containing 12.7 percent moisture was mixed with cane molasses containing 22 and 27 percent moisture; with corn molasses (hydrol) containing 23 percent; and with sorghum molasses containing 21 percent moisture. All mixtures containing 10 or 15 percent of any of the molasses eventually heated, but in every case the mixtures containing the high moisture molasses heated more rapidly and to a higher temperature than those containing a low moisture molasses. When the corn meal contained only 9.7 percent moisture, none of the mixtures heated.

Cane molasses containing 20 and 28 percent moisture were mixed with dehydrated alfalfa leaf meal and with alfalfa stem meal. None of the mixtures heated when the molasses were mixed with dehydrated alfalfa leaf meal that contained 9.1 percent moisture at levels of 10, 15, 20 and 40 percent, even though the moisture content of the mixture containing 40 percent of 28 percent moisture molasses was higher than the critical moisture level of the alfalfa leaf meal itself. The alfalfa leaf meal, which was slightly higher in moisture without molasses than the mixture with molasses, heated. When alfalfa leaf meal containing 14.3 percent moisture was mixed with 10, 15, 20 and 40 percent molasses containing 20 percent moisture, none of the mixtures heated, but similar mixtures containing 10, 15 and 20 percent of molasses heated when molasses that contained

28 percent moisture were used. The mixture containing 40 percent of the same molasses did not heat, probably due to the high concentration of sugar. The same quantities of molasses that contained 20 and 28 percent moisture each were added to alfalfa stem meal which contained 13.9 percent moisture. The mixture containing 40 percent of molasses with 28 percent moisture was the only one which heated.

These studies show that both molasses and ingredients are factors in heating of feeds containing molasses. If the moisture content of the ingredient is low enough, large quantities of molasses with widely different moisture contents may be added without any heating. However, when the moisture content of the ingredient is near the critical level, mixtures containing high moisture molasses heat more readily and to higher temperatures than those containing low moisture molasses.

Standard for Molasses

Degree Brix or degree Baume has been used as a standard for molasses for a long time by the feed and molasses industries. The Brix hydrometer measures the relative density of solutions, and some manufacturers assume that degree Brix minus 100 gives the percent moisture in the molasses. This is true only for pure sucrose solutions. The moisture content of different molasses with the same degrees Brix is not necessarily the same. Eight samples of molasses with 79.6° Brix ranged from 22 to 27 percent moisture and six samples with 81.5° Brix ranged from 23.7 to 28.5 percent moisture. These examples are sufficient to illustrate that Brix is not an accurate measure of moisture content of molasses.

The greatest objection to the use of moisture content as a standard for molasses is that a long time is required to determine the moisture content when the official vacuum drying method is used. During 1953, on 42 samples of molasses collected at random by the feed inspectors, moisture was determined by drying in the vacuum oven and by using a moisture balance. The average value for the samples of cane molasses by drying in a vacuum oven was 26.15 percent, and by the moisture balance it was 25.95 percent or an average difference of 0.2 percent. The maximum difference was less than 1 percent for 40 samples and for 2 samples the difference was 1.18 and 1.67 percent, respectively.

Eight hours are required to obtain a value by drying in a vacuum oven, although only 10 minutes actual drying time is required to obtain a value by the moisture balance. It is possible for an analyst to obtain duplicate values by the use of the moisture balance in less than one hour. The procedure with the moisture balance has to be standardized very carefully for each set of conditions before reproducible results can be obtained.

It would be possible to obtain a more uniform product by using moisture content as a standard

for molasses than is now obtained by the use of degrees Brix. With proper precautions, the moisture balance will give reproducible results and the time required to obtain the moisture value is within practical limits.

A SIMPLE MILK-REPLACER FORMULA FOR DAIRY CALVES*

Feeding research with dairy calves by the Texas Agricultural Experiment Station for several years has been directed toward developing a simple milk-replacer formula. This term is used for a mixture of ingredients which, when properly mixed with warm water, can replace all of the whole milk in the diet of very young dairy calves.

Some successful milk-replacer formulas have been available, both experimentally and commercially, but most of them contain many ingredients which are not stocked by the average feed dealer.

It is common knowledge among dairymen that whole milk in the diet of dairy calves can be replaced by skim milk as soon as a calf begins eating grain well. Usually this is when they are 4 to 6 weeks old. Research workers found that normal gains can be made by dairy calves which are changed over at only 3 to 5 days old from whole milk to fresh skim milk supplemented daily with 2 to 4 teaspoons of cod-liver oil. Undoubtedly the cod-liver oil provides some fat as well as vitamins A and D.

Texas Station Progress Report 1482 describes a feeding program for dairy calves in which dried skim milk was used to replace whole milk in the diet of 3-weeks-old dairy calves. No antibiotic or vitamin supplement was added.

In an experiment now in progress, whole milk is replaced during the first 10 days by a gruel prepared by mixing warm water with the following ingredients: 537.5 pounds of non-fat dried milk solids (dried skim milk), 450.0 pounds of dried whey, 10.0 pounds of aurofac 2A and 2.5 pounds of Quadrex "10" (stabilized vitamin A and D supplement). Mixed with water, the gruel will contain approximately the same percentage of protein as whole milk. At present wholesale prices, the ingredients in this formula cost approximately \$11.40 per 100 pounds. Retail prices would be correspondingly higher. The cost will be much less during periods when the government makes dried skim milk available at low prices. When dried skim milk is cheaper than dried whey, it could replace the dried whey, on a pound for pound basis, even up to 98.75 percent of the ration.

While it is recognized that changes in the diet of young calves should be made gradually to reduce the likelihood of digestive disturbances, a few calves were changed abruptly at 5 days of age from colostrum milk to the milk replacer without any apparent detrimental effects. Fre-

quently when calves are changed from milk to a milk replacer, even though the change is made gradually, some looseness of the bowels is observed. Many dairymen feel that the use of nipple pails will help to reduce this tendency toward scours. In experiments underway, nipple pails were not used except for the first 2 or 3 days when the calves were still on colostrum. When scours developed, the calves were given a dose of one ounce of castor oil and one or two doses of one of the common calf scour treatments. In only one case was there evidence that the calf was really sick, and this calf apparently was not normal.

The following feeding schedule was used:

Age	Jerseys (per feeding twice-a-day)	Holsteins (per feeding twice-a-day)
1- 5 days	Colostrum milk	Colostrum milk
6- 7 days	2.0 lbs. milk 1.0 lb. water 0.1 lb. replacer	3.0 lbs. milk 1.0 lb. water 0.1 lb. replacer
8- 9 days	1.5 lbs. milk 2.0 lbs. water 0.3 lb. replacer	2.0 lbs. milk 2.0 lbs. water 0.3 lb. replacer
10-11 days	1.0 lb. milk 3.0 lbs. water 0.4 lb. replacer	1.0 lb. milk 3.0 lbs. water 0.4 lb. replacer
12-90 days (Jer.)	3-4 lbs. water	3-4 lbs. water
12-60 days (Hol.)	0.5 lb. replacer	.5-.7 lb. replacer

An impressive rate of gain was made by the calves during their first 30 to 60 days, a period when calves fed on milk replacers frequently show rather slow rates of gain. During the first 60 days, the rates of gains in body weight of the experimental calves was from 125 to 133 percent of the so-called Missouri normal or standard. The average daily gain for the Jersey heifers was 0.61 pound for the first 30 days, 0.77 pound for the first 60 days and 1.02 pounds for the first 120 days. For the Holstein heifer calves the average daily gain was 0.98 pound for the first 30 days, 1.27 pounds for the first 60 days and 1.41 pounds for the first 120 days.

The control group of calves were fed whole milk until they were 4 weeks old, then were fed reconstituted skim milk up to 60 days of age for the Holsteins and 90 days for the Jerseys. The average daily gain for the control Jerseys was 0.50 pound during the first 30 days, 0.69 pound during the first 60 days and 0.87 pound for the first 120 days. For the control Holstein group, the average daily gain was 0.94 pound for the first 30 days, 1.18 pounds for the first 60 days, and 1.36 pounds for the first 120 days.

Both groups received a dry calf starter as soon as they would take it. It contained 38 percent cottonseed meal, 30 percent ground sorghum grain, 10 percent wheat bran, 10 percent ground oats, 10 percent dried whey, 1 percent salt and

*Contributed by R. E. Leighton, Department of Dairy Husbandry.

1 percent steamed bone meal. Jersey calves were limited to not more than 5 pounds per day of this calf starter and Holstein calves to 7 pounds. The hay used was good quality alfalfa except when the calves showed a tendency to consume excess quantities with resulting scours, then non-legume hay was mixed with the alfalfa.

There is a wide variation in the response of individual calves to various diets and particularly in the way calves learn to take their dry roughage and concentrates. In this experiment, the total consumption of the dry calf starter during the first 120 days varied in the Jerseys from 185 to 270 pounds. In the Holsteins, the variation was from 159 to 326 pounds. In the Jerseys, the hay consumption varied from 51 to 114 pounds and in the Holsteins from 17 to 64 pounds. With this wide individual variation, there appeared to be no significant difference between the experimental groups and the control groups in the amount of calf starter or hay consumed.

The experimental group contained 18 calves and the control group 14 calves. With these numbers, it is felt that the results may be considered as reasonably conclusive. Additional experiments are in progress, however, to compare the simplified milk-replacer formula with some of the leading commercial formulas and with some of the more complicated experimental formulas.

SUGGESTIONS TO PURCHASERS OF FEED

Examine Labels

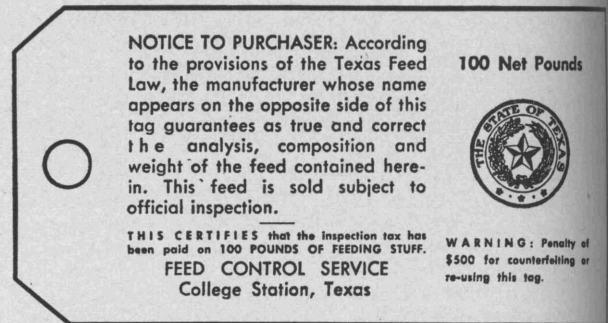
Manufacturers and importers of feeds are required by law to label their products in a manner that will inform the purchaser as to the quality or feeding value of each product. Required labeling may be attached to the bags or contained on invoices accompanying bulk lots of feed. The required information includes legal net weight of package, name of feed, name and address of manufacturer or importer, place of manufacture, minimum percentage of crude protein, minimum percentage of crude fat, minimum percentage of nitrogen-free extract, maximum percentage of crude fiber, names of ingredients of a mixed feed, percentage of each ingredient when adulterants are present, and the percentage of each mineral added to the feed. It is permissible for additional information, not required by law, to appear on feed labeling, if all such statements are true and correct, and do not tend to mislead in any particular.

To achieve maximum benefits provided by law the purchaser should read each label carefully and make certain that he understands all statements contained thereon. Purchasers are warned not to accept unlabeled feed under any circumstances, because in so doing he is depriving himself of guaranties and valuable information to which he is entitled by law. Unlabeled feed and discrepancies in feed labels should be reported to the Feed Control Service, as the final step in

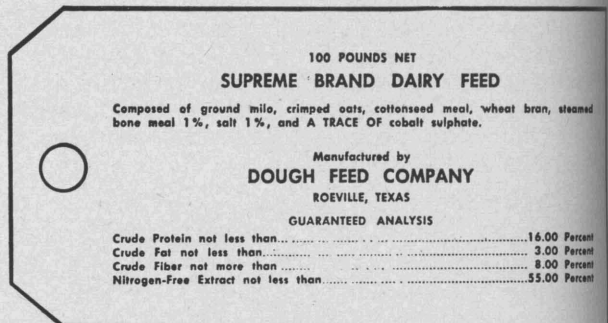
securing protection against fraud and deceit in the purchase of feed.

Below are reproductions of the official inspection tax tag recently adopted for use in this State. The new tags will supersede the old as supplies are exhausted. In the meantime tags of both designs shall be official.

Legal legend side of inspection tax tag



Feed label side of inspection tax tag



Feed Not as Represented

In case any purchaser receives feed which he thinks is not as represented, or which may otherwise be in violation of the law, he may write to the Feed Control Service at College Station, Texas, giving full details of the matter, stating the quantity on hand and his reasons for suspecting that the feed is not as represented. A careful investigation will be made and if conditions warrant, an inspector will make a personal visit.

Feed Samples

Every year numerous samples of feed suspected of containing poisonous or other deleterious substances are received by the Feed Control Service for analyses. Seldom are such samples accompanied by an explanation as to the type of poison suspected or by a report from a veterinarian giving his reasons for suspecting poison. There is a widespread belief that chemists can identify poison by merely examining a sample of feed without having any clues as to the kind of poison it might contain. It is not altogether impossible to obtain results by a process of elimination, but such a process is time-consuming and expensive.

In most cases it is a waste of time and effort to start an investigation with the analysis of feed, or to depend entirely upon such analysis. There are many poisons that must be eliminated by test from the list of suspects before positive identification of the one present can be made. This necessarily requires considerable time, and the consequent delay in reporting results may cause serious losses should the trouble actually arise from disease or lack of proper sanitary measures. This is especially true in the case of chickens and turkeys. Based on long observation and experience with complaints concerning fatalities allegedly from poisoned feed, it is the opinion of most authorities that the difficulties in this respect are seldom due to the feed but, in almost all cases, are the result of disease, lack of proper attention or other unfavorable conditions under which chickens and turkeys are often kept.

Freight Bills and Invoices

It is important that purchasers of feed have available for examination by the inspector the following information: freight bills and invoices covering each shipment; or, the total number of tons in each shipment; number and initials of car or license number of truck 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 shipment was received, and price per ton. This information is especially valuable to the Service in 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.

Seed Samples

Samples of seed upon which official purity and germination tests are desired, and all correspondence related thereto, should be directed to the State Department of Agriculture, Seed Laboratory Division, Austin, Texas.

Bulk Feed

Feeds sold in bulk are considered under the law in the same class with packaged feeds. Each lot or shipment must be registered and carry inspection tax tags or labels with a guaranty, list of ingredients and the name and address of the manufacturer, importer or seller. To facilitate handling of bulk feed provisions have been made for issuing labels of larger denomination. (See Table 1.) These labels carry all required information and may be attached to invoices or sales slips.

In lieu of inspection tax tags or labels feeds sold under the tonnage reporting system may be labeled in the manner prescribed by Article 1489 of the Penal Code, which reads in part as follows: "If the feeding stuff is sold in bulk, the seller shall furnish to the purchaser a written or

printed statement showing all the information required in the labeling of feeding stuff in individual containers."

OFFICIAL TAX TAGS

The Feed Control Service, only, is authorized by law to furnish to registered manufacturers or importers official tax tags or gummed labels for use on feeding stuff in this State.

Printing on the reverse side of tags is at the purchaser's expense. Tag printing instructions will be furnished and tags delivered to local printers when such request accompanies the order; but the Feed Control Service assumes no responsibility in regard to printing costs, deliveries or other transactions between purchasers of tags and printers. Gummed labels will be supplied in the same denominations and at the same rate as tags. If gummed labels are desired, orders must so specify; otherwise, tags will be supplied. Gummed labels cannot be furnished blank, but must be printed under the supervision of the Feed Control Service for the reason that they are printed on only one side and especially designed cuts must be used.

Cost of tags is based upon a tax levied by law of 10 cents per ton of feed. The following list may be used in determining the cost of the various legal denominations of tags or gummed labels, exclusive of printing charges:

Table 1. Cost of inspection tax tags and gummed labels

Denomination	Cost
100-pound tags or labels.....	\$ 5.00 per thousand
75-pound tags or labels.....	3.75 per thousand
50-pound tags or labels.....	2.50 per thousand
25-pound tags or labels.....	1.25 per thousand
10-pound tags or labels.....	.50 per thousand
5-pound tags or labels.....	.25 per thousand
2,000-pound labels only ¹.....	.10 each
1,000-pound labels only ¹.....	.05 each
500-pound labels only ¹.....	.02½ each

¹For bulk lots.

Tags are packed 1,000 per box, 10 boxes per shipping case. The weight of 1,000 tags is approximately 5 pounds. All shipments of tags and labels are F.O.B. College Station. Remittance to cover cost of tags or labels payable to the Feed Control Service should accompany each order; otherwise, shipments will be made C.O.D. When ordering tags to be printed for feeds, the full and correct brand name, and not abbreviations, must be given.

REGULATIONS ADOPTED

Regulations for the enforcement of the Texas Feed Law, and for establishing definitions of identity and standards of quality for unmixed feeds, are published in Circular 134, September, 1953. Copies of this publication, which also contains the Texas Feed Law, will be furnished upon request.

METHOD OF CALCULATING GUARANTEED ANALYSIS OF A FORMULA FEED

A satisfactory method for calculating the guaranty of a formula feed is given below. This method is simple and may be used for calculating the guaranty of a feed regardless of the number of ingredients. If a proprietary product is used as an ingredient in a formula the guaranty of such product should be considered as in the case of a single ingredient, but ingredients of such product must be listed separately on the registration and label of the formula feed. In listing the fat guaranty liberal allowance should be made to compensate for low fat content of solvent extracted products.

Calculation of the analysis of a formula feed based on suggested guaranties listed in Table 2

Ingredients	Pounds	Pounds of protein	Pounds of fat	Pounds of fiber	Pounds of N. F. E.
43% protein cottonseed meal	400	172.00	20.00	48.00	92.00
Milo meal	360	36.00	9.00	10.80	252.00
Corn meal	300	27.00	10.50	9.00	210.00
Wheat Bran	300	43.50	9.00	30.00	150.00
Ground oats	240	26.40	9.60	28.80	139.20
Cane molasses	240	5.76			156.00
Alfalfa meal	100	13.00	1.50	33.00	35.00
Ground limestone	40				
Salt	20				
Total	2,000	323.66	59.60	159.60	1,034.20

Explanation:

- List the ingredients and amount of each used in batch.
- By using the information contained in Table 2 you will be able to calculate the number of pounds of protein, fat, fiber and nitrogen-free extract furnished by each ingredient.
Example: 400 lbs. of 43% protein cottonseed meal contains 172 pounds of protein (43% × 400 lbs. = 172.00 lbs.).
- The sum of each column gives the total number of pounds of protein, fat, fiber and nitrogen-free extract in the particular batch.
- By dividing each total by the total pounds in the batch, the percentages of protein, fat, fiber and nitrogen-free extract are obtained.

$$\text{Example: } \frac{323.66 \times 100}{2000} = 16.18\% \text{ protein}$$

$$\frac{59.60 \times 100}{2000} = 2.98\% \text{ fat}$$

$$\frac{159.60 \times 100}{2000} = 7.98\% \text{ fiber}$$

$$\frac{1034.20 \times 100}{2000} = 51.71\% \text{ nitrogen-free extract}$$

Suggested guaranteed analysis: crude protein 16.00%; crude fat 2.50%; crude fiber 8.50%; nitrogen-free extract 51.50%. (See standard Table 3.)

SUGGESTED GUARANTIES

Table 2 shows tentative guaranties of several ingredients for the convenience of manufacturers in calculating guaranties for formula feeds. There will be no objection if manufacturers wish to register feeds under better guaranties than those shown in the table if the quality of the ingredients justify. It is to be understood, however, that manufacturers are responsible for their guaranties and that the Feed Control Service accepts no responsibility for feeds failing to meet the guaranties.

Table 2. Suggested guaranties

Name of feed	Minimum protein, %	Minimum fat, %	Maximum fiber, %	Minimum nitrogen-free extract, %
Alfalfa leaf meal	20.00	2.50	18.00	40.00
Alfalfa meal	13.00	1.50	33.00	35.00
Alfalfa meal, 15% protein	15.00	1.50	30.00	35.00
Alfalfa meal, 17% protein	17.00	2.00	27.00	40.00
Alfalfa stem meal	9.00	0.80	40.00	30.00
Barley (ground, etc.)	11.00	1.50	6.00	65.00
Beet pulp, dried	8.00	0.50	22.00	52.00
Blood meal	80.00	1.00	2.00	3.00
Bone meal, steamed	23.00	2.00	5.00	0.00
Bone meal, special steamed	5.00	0.00	3.00	4.00
Brewers' dried grains	21.00	6.00	18.00	40.00
Buttermilk, dried	32.00	5.00	1.00	35.00
Clover meal (Hubam)	13.00	1.50	33.00	35.00
Corn bran	8.00	5.00	12.00	60.00
Corn chop	9.00	3.50	3.00	70.00
Corn chop, ear	8.00	3.00	8.00	64.00
Corn chop with husk, ear	8.00	3.00	10.00	65.00
Corn feed meal	8.00	3.00	3.00	67.00
Corn gluten feed	23.00	2.50	7.00	50.00
Corn gluten meal	40.00	1.00	4.00	40.00
Cottonseed hulls	4.00	0.70	44.00	40.00
Cottonseed meal, 43% protein	43.00	4.00	13.00	23.00
Cottonseed meal, 41% protein	41.00	4.00	14.00	25.00
Cottonseed meal, 38.50% protein	38.50	4.00	15.00	26.00
Cottonseed meal, 36% protein	36.00	4.00	17.00	27.00
Cottonseed, 28% protein whole-pressed	28.00	6.00	23.00	29.00
Cottonseed, 25% protein whole-pressed	25.00	6.00	25.00	29.00
Fish meal	60.00	5.00	1.00	1.00
Grain sorghum gluten feed	23.00	2.00	12.00	41.00
Grain sorghum gluten meal	41.00	3.00	5.00	35.00
Grain sorghum meal	10.00	2.50	3.00	70.00
Grain sorghum head stems	5.00	1.00	25.00	53.00
Grain sorghum heads, stalks and stems	7.00	2.00	20.00	55.00
Hominy feed	10.00	5.00	7.00	60.00
Linseed meal, 34% protein	34.00	6.00	9.00	35.00
Linseed meal, 32% protein	32.00	6.00	9.00	35.00
Meal and bone scraps	50.00	6.00	3.00	0.00
Dried skimmed milk	34.00	0.20	0.00	50.00
Millet seed	11.00	4.00	10.00	57.00
Molasses, beet	4.00	0.00	0.00	60.00
Molasses, cane	2.50	0.00	0.00	65.00
Molasses, citrus	4.00	0.00	0.00	60.00
Oats (ground, etc.)	11.00	4.00	12.00	58.00
Oats, groats	16.00	6.00	1.50	65.00
Oats, hulls	3.00	1.00	30.00	51.00
Oat shorts, or middlings	15.00	6.00	1.00	65.00
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 meal, 43% protein	43.00	5.00	18.00	23.00
Peanut meal, 41% protein	41.00	5.00	20.00	25.00
Peanuts, 36% protein whole-pressed	36.00	6.00	22.00	20.00
Peanuts, 34% protein whole-pressed	34.00	6.00	24.00	20.00
Rice bran	11.00	10.00	15.00	42.00
Rice hulls	3.00	0.50	36.00	30.00
Rice polishings	11.00	6.00	4.00	55.00
Soybean meal	41.00	4.50	7.00	30.00
Soybean meal, solvent process	41.00	0.50	7.00	30.00
Spelt	11.00	1.50	10.00	63.00
Tankage, digester	60.00	5.00	3.00	0.00
Wheat bran	15.00	3.00	10.00	50.00
Wheat chop	12.00	2.00	3.00	70.00
Wheat feed flour	14.00	1.50	1.50	70.00
Wheat red dog	15.00	2.50	4.00	65.00
Wheat mixed feed	16.00	3.50	8.50	52.00
Wheat brown shorts	17.00	4.50	7.50	53.00
Wheat gray shorts	17.00	4.00	6.50	55.00
Wheat standard middlings	16.00	3.00	9.50	50.00
Whey, dried	12.00	0.50	0.00	70.00

SPECIAL-PURPOSE FORMULA FEEDS

Standards for special-purpose formula feeds given in Table 3 have been adopted for use in this State. Registration of feeds under brand names

indicating a special purpose will not be accepted, unless the guaranties made for them are in harmony with these standards.

Table 3. Chemical standards for special-purpose formula feeds

Name of feed	Minimum protein, %	Minimum fat, %	Maximum fiber, %
Horse and mule feed	9.0	2.0	15.0
Dairy cow feed	16.0	2.5	15.0
Hog feed	14.0	2.5	8.0
Pig feed	16.0	2.50	6.0
Chick scratch feed	9.0	2.0	4.0
Intermediate scratch feed	9.0	2.0	4.5
Scratch feed ¹	9.0	2.0	5.0
Broiler mash	20.0	2.5	8.0
Broiler all-mash	18.0	2.5	8.0
Starting mash	20.0	2.5	7.0
Starting all-mash	17.0	2.5	7.0
Growing mash	17.0	2.5	8.0
Growing all-mash	15.0	2.5	7.0
Laying mash	18.0	2.5	8.0
Laying all-mash	15.0	2.5	8.0
Poultry fattening all-mash	12.0	2.5	8.0
Turkey starting mash	22.0	2.5	8.0
Turkey growing mash	18.0	2.5	8.0
Turkey laying mash	20.0	2.5	8.0
Turkey laying all-mash	16.0	2.5	8.0

¹When an appreciable amount of oats is used as an ingredient in scratch feed the fiber guaranty may be raised to a maximum of 7.0 percent.

ESTIMATED TONNAGE SOLD IN TEXAS

Table 4 shows the estimated tonnage of feed sold in Texas yearly (September 1-August 31) during the past 48 years as computed from the sale of tax tags, assuming that all the tags sold during the period covered by this report were 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 are not required to report the various classes of feed upon which these tags are used. The figures given in this table represent only the tonnage of commercial feeds regulated by the Texas Feed Law and do not include whole grains or unregistered feed ingredients brought into the State for use in the manufacture of formula feeds.

Table 4. Estimated tonnage sold in Texas, 1906-54

Years	Tons
1906-07	485,805
1907-08	511,661
1908-09	532,792
1909-10	755,488
1910-11	820,277
1911-12	972,340
1912-13	680,259
1913-14	847,716
1914-15	881,136
1915-16	778,137
1916-17	974,608
1917-18	1,155,055
1918-19	945,864
1919-20	754,349
1920-21	762,769
1921-22	735,319
1922-23	932,473
1923-24	1,009,047
1924-25	1,015,742
1925-26	1,119,561
1926-27	1,181,538
1927-28	1,226,882
1928-29	1,370,120
1929-30	1,434,966
1930-31	1,112,302

Table 4. Estimated tonnage sold in Texas, 1906-54
—Continued

Years	Tons
1931-32	1,093,307
1932-33	1,057,533
1933-34	1,235,172
1934-35	1,298,743
1935-36	1,210,790
1936-37	1,443,552
1937-38	1,542,833
1938-39	1,697,189
1939-40	1,705,552
1940-41	1,814,092
1941-42	2,268,539
1942-43	3,328,005
1943-44	3,314,368
1944-45	3,178,266
1945-46	3,243,124
1946-47	2,792,782
1947-48	3,078,640
1948-49	3,161,690
1949-50	3,236,330
1950-51	3,853,596
1951-52	4,405,676
1952-53	4,117,344
1953-54	3,237,832

VIOLATIONS OF THE LAW

Fifty-two cases were developed and documented for court action during the fiscal year against manufacturers, importers and dealers who were alleged to be selling feed in violation of one or more provisions of the Texas Feed Law. Of the cases developed as a result of the inspection of manufacturing processes, conditions of sale and analyses of samples, 15 were for selling untagged or unregistered feed, 27 for selling feed deficient in protein, 5 for selling feed deficient in protein and excessive in fiber, 4 for selling adulterated feed and 1 for selling misbranded feed. Thirty cases resulted in convictions. There were 12 dismissals, 1 was refused by the county attorney, 9 are pending, and 8 were placed in abeyance. Two hundred and ninety-six 25-pound bags of a grossly misbranded mixture purporting to be a vitamin concentrate were returned to the manufacturer for repacking and relabeling. One lot consisting of 1,912.56 tons of cottonseed pellets were condemned because of contamination with chloronaphthalene, then was denatured with castor bean pomace and sold for fertilizer. Two thousand tons in another lot of cottonseed pellets likewise contaminated and condemned are in the process of being destroyed by spreading over a field and plowing under to a depth of one foot.

During the fiscal year covered by this report, 358 complaints were registered by feeders on the poor quality of feed purchased on the market. During the preceding fiscal year, 329 such complaints were received. Refunds for deficiencies, totaling \$1,235.74, were paid voluntarily by manufacturers, according to reports received.

Shipments Withdrawn From Sale

All dealers are advised to withhold from sale lots of feed which do not conform to the requirements of the Texas Feed Law, until such time that they can be legally sold. The dealer is directly responsible if feed in his possession fails to meet the requirements of the law. The dealer should

voluntarily withdraw from sale all shipments which he knows or has good reason to believe are adulterated or misbranded, and then write to the Feed Control Service for instructions.

Lots or parcels of untagged feed found by the inspectors were required to be labeled with tags furnished by the manufacturers. Improperly labeled lots were relabeled with official tags properly printed, or with tags showing guaranties that could be maintained. In still other cases, shipments were returned to the manufacturer.

Table 5 shows a summary of the lots of feed voluntarily withdrawn from sale during the fiscal year and gives the number of shipments withdrawn, the number of tons shipped in violation of the law and the special reason for their withdrawal from sale. The number of manufacturers and distributors involved in these violations was 285 as compared with 345 reported the previous year.

Table 5. Shipments withdrawn from sale, 1953-54

No. of shipments withdrawn	Reasons for withdrawal	Amount violation tons
503	Not tagged or not registered.....	6,842.88
18	Wrong tags attached.....	81.65
3	Defaced tags attached.....	10.5
7	Blank tags attached.....	94.15
3	Short or uneven weight.....	11.45
1	Detained on suspicion of violation.....	7.3
11	Miscellaneous.....	92.9
546	Total	7,140.75

AVERAGE COMPOSITION OF FEEDS ANALYZED

Table 6 shows the average composition of many unmixed feeds analyzed during the past year. The analyses of mixed and of proprietary feeds are not included in this table. The percentages shown in the table should not be used for calculating guaranties because these figures include many analyses of adulterated products found in the market and do not reflect the true average of available feed ingredients. For suggested guaranties for calculating purposes, see Table 2.

Table 6. Average composition of feeds analyzed during 1953-54

No. of samples	Name of feed	Crude protein, %	Crude fat, %	Crude fiber, %	Nitrogen-free extract, %	Moisture, %	Crude ash, %
20	Alfalfa meal, 20% protein.....	20.67	3.29	19.29	37.65	8.27	10.83
90	Alfalfa meal, 17% protein.....	17.96	2.76	24.09	36.81	7.33	11.05
15	Alfalfa meal, 15% protein.....	16.00	2.39	27.32	35.47	9.27	9.55
44	Alfalfa meal, 13% protein.....	15.41	2.09	28.25	35.02	9.31	9.92
7	Barley, ground, etc.....	11.92	2.51	7.28	64.66	10.12	3.51
4	Beet pulp, dried.....	8.62	.65	21.20	56.21	10.05	3.27
7	Blood meal.....	76.05	3.30	1.48	2.43	7.36	9.38
4	Bone meal, steamed.....	23.42	3.22	2.55	2.70	5.08	63.03
6	Bone meal, special steamed.....	7.66	2.23	5.83	23.75	4.19	56.34
9	Brewers' dried grains.....	28.92	6.87	13.08	39.97	7.40	3.76
2	Buttermilk, dried.....	32.40	4.86	.40	44.63	8.17	9.54
67	Corn chop with husk, ear.....	9.04	2.85	10.74	64.62	9.93	2.82
3	Corn, ground, ear.....	8.48	3.05	8.60	67.28	10.16	2.43
2	Corn bran.....	10.55	7.72	6.60	62.14	10.25	2.74
3	Corn feed meal.....	9.30	3.87	1.78	71.78	11.95	1.32
52	Cottonseed meal, 41% protein solvent extracted.....	41.40	1.84	12.31	30.10	8.61	5.74
477	Cottonseed meal, 41% protein.....	41.11	5.29	12.38	27.93	7.73	5.56
13	Cottonseed, 28% protein whole-pressed.....	27.90	4.45	23.00	32.12	7.66	4.87
3	Distillers' dried grains.....	24.30	7.15	12.06	43.07	9.46	3.96
21	Fish meal, 63% protein.....	63.67	6.15	.54	4.29	9.04	16.31
13	Grain sorghum meal.....	11.97	2.90	2.72	70.14	9.98	2.29
4	Hominy feed.....	12.40	6.49	6.71	61.41	9.70	3.29
6	Linseed meal, 36% protein.....	37.10	4.68	9.05	32.27	10.94	5.96
100	Meat and bone scraps, 50% protein.....	49.88	10.74	22.20	2.08	6.78	28.32
13	Meat and bone scraps, 50% protein solvent extracted.....	49.70	5.59	3.06	4.65	6.77	30.23
23	Meat and bone scraps, 48% protein.....	48.39	11.71	2.44	2.29	6.72	28.45
8	Meat and bone and poultry by-products scraps, 50% protein.....	52.93	12.17	2.16	2.65	5.33	24.76
12	Milk, dried skimmed.....	32.08	.13	.27	53.29	6.31	7.96
35	Oats, ground, etc.....	12.17	4.60	11.18	58.09	9.82	4.14
38	Peanut meal, 41% protein.....	40.69	6.50	12.16	27.83	6.85	5.97
19	Rice bran containing calcium carbonate.....	12.09	15.21	11.36	38.68	9.84	12.82
13	Sorghum gluten feed.....	26.29	3.21	7.72	44.91	10.22	7.65
16	Soybean meal, etc., 41% protein.....	42.51	7.75	6.50	29.77	7.53	5.94
2	Soybean meal, 50% protein solvent extracted.....	48.65	.95	4.46	30.23	9.78	5.93
40	Soybean meal, 44% protein solvent extracted.....	45.26	1.60	6.36	30.73	9.88	6.17
4	Soybean mill feed.....	15.65	1.57	31.72	36.90	9.66	4.50
17	Tankage, 60% protein digester.....	59.63	7.16	2.04	2.73	7.78	20.66
5	Wheat bran.....	17.39	4.14	9.55	52.68	10.12	6.12
24	Wheat bran and screenings.....	16.43	3.92	9.51	54.63	9.72	5.79
12	Wheat gray shorts.....	17.35	4.30	6.25	57.31	10.43	4.36
37	Wheat gray shorts and screenings.....	16.94	3.93	6.28	58.31	10.30	4.24
5	Whey, dried.....	13.32	.43	.06	71.99	6.01	8.19

Cane Molasses

Cane molasses is defined (Regulation 35-1) as a by-product of the manufacture of cane sugar from cane and shall contain 48 percent or more of total sugars expressed as invert sugar. Its solution in an equal weight of water shall test not less than 39.75 degrees Brix (79.50 degrees Brix undiluted).

Following are the average results of analyses of 69 samples of cane molasses obtained during the fiscal year:

Protein	Water	Ash	Degrees Brix	Nitrogen-free extract
3.58	25.30	7.48	79.65	63.64

In addition to the analyses reported in Table 8, there were 18 samples of drouth emergency cottonseed pellets from unidentifiable sources analyzed with the following results:

Protein, %	Fat, %	Fiber, %
39.20	.68	15.70
40.20	4.58	12.54
41.00	3.18	11.95
32.23	3.54	13.57
33.40	1.03	11.98
32.20	.26	12.59
33.90	3.77	14.98
39.00	3.15	15.28
33.90	1.22	17.31
39.67	3.12	11.34
39.25	3.17	11.74
39.40	1.67	10.95
35.50	5.00	11.53
41.00	1.04	12.79
39.50	3.59	13.06
39.50	1.50	11.67
42.00	2.62	13.00
41.50	2.86	11.96
Average 37.91	2.55	13.00

RESULTS OF ANALYSES

Tables 7 and 8 contain detailed reports on the results of analyses of feeds inspected during the fiscal year ended August 31, 1954. The footnotes

Table 7. Guaranteed compositions and analyses of mineral mixtures, September 1, 1953 to August 31, 1954

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

Name and address of manufacturer or importer, brand name	Percent		
	Calcium (Ca)	Phosphorus (P)	Salt (NaCl)
Armo Mills, Lockhart, Texas			
Armo Brand Mineral Supplement.....	24.0	6.0	25.0
Analysis.....	20.0	4.7	37.2
Brady Mills, Inc., Brady, Texas			
B-M Quality Brand Mineral Concentrate.....	20.0	8.0	.....
Analysis.....	34.8	8.9	.....
Cudahy Packing Co., The, Omaha, Nebraska			
Cudahy's All-Purpose Brand Mineral Feed.....	22.0	6.0	10.0
Analysis.....	20.9	6.0	8.1
Flieller, E. A., Floresville, Texas			
Pennant Brand Mineral Mixture.....	18.4	3.3	33.3
Analysis ¹	22.4	4.0	33.4
Gulf Salt Company, Houston, Texas			
Gulf Brand Mineral Supplement.....	5.0	3.0	83.6
Analysis.....	7.7	2.4	71.0

at the bottom of the pages refer to discrepancies between purported contents of feed and actual findings. In these tables will be found the analyses of all official samples taken by inspectors of the Feed Control Service, together with the analyses of samples of feed sent in by manufacturers and purchasers during the year. A careful study of the information contained in these tables will enable purchasers of feed to make selections on the basis of quality.

Definition of Terms

Terms used in the headings of the tables appearing in this bulletin are defined as follows:

Crude protein is the term used to denote the entire group of nitrogenous constituents of both vegetable and animal matter entering into the composition of feed. The crude protein content of a given feed is determined by making an analysis for total nitrogen and multiplying the result by 6.25.

Crude fat is the term applied to that group of substances which may be extracted from dry feed by ether, and consists principally of fats and oils. In some cases it also includes waxes, chlorophyll and other similar materials.

Crude fiber is the term applied to the ligneous or woody portion of feed. Fiber is the bulky and less digestible part of feed. Ingredients having a higher fiber content are usually referred to as fillers and are used in mixed feeds to obtain bulk.

Nitrogen-free extract is the term used to include the more soluble and valuable carbohydrates, such as starches, sugars, hemicelluloses and the more soluble part of the celluloses and pentosans. Nitrogen-free extract is not determined but is calculated from the difference between 100 percent and the sum of the percentages of the other constituents.

Name and address of manufacturer or importer, brand name	Percent		
	Calcium (Ca)	Phosphorus (P)	Salt (NaCl)
Lamkin Bros., Inc., Brownwood, Texas			
Lamkin's Two Star Brand 5.80% (Equivalent) Protein Mineral Mixture ²	24.0	4.2	10.3
Analysis ³	22.0	4.7	12.6
Sur-Pay Green Striped Brand Mineral Concentrate.....	30.8	4.2	0.3
Analysis ⁴	30.8	4.5	1.1
Giltedge Green Tag Brand Mineral Mixture.....	13.0	4.2	50.3
Analysis ⁴	15.7	4.3	44.4
Lamkin's One Star Brand 5.80% (Equivalent) Protein Mineral Mixture ⁵	25.0	2.0	10.3
Analysis ⁵	23.3	2.8	15.6
Sur-Pay Green Tag Brand Mineral Concentrate.....	29.0	10.0	0.3
Analysis ⁴	30.4	10.1	3.2

¹Found, not claimed: cottonseed meal.

²Guaranty includes 1.44% equivalent protein from .50% urea.

³Analysis includes .55% equivalent protein from .19% urea.

⁴Incorrectly printed tags attached.

⁵Guaranty includes 1.44% equivalent protein from .50% urea.

Table 7. Guaranteed compositions and analyses of mineral mixtures, September 1, 1953, to August 31, 1954—Continued

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

Name and address of manufacturer or importer, brand name	Percent			Name and address of manufacturer or importer, brand name	Percent		
	Calcium (Ca)	Phosphorus (P)	Salt (NaCl)		Calcium (Ca)	Phosphorus (P)	Salt (NaCl)
Lamkin Eros., Inc., Brownwood, Texas <i>—Continued</i>				Smith Company, J. Paul, Fort Worth, Texas			
Giltedge White Tag Brand Mineral Mixture.....	12.0	7.0	50.3	Steamed Bone Meal (Lot No. 65).....	30.0	13.0	.....
Analysis.....	17.1	7.0	41.4	Analysis ¹¹	30.0	14.6	.....
Giltedge Red Tag Brand Mineral Mixture.....	14.0	2.0	53.3	South Texas Feed & Seed Co.			
Analysis.....	17.7	2.9	44.1	Robstown, Texas			
Sur-Pay Red Tag Brand Mineral Concentrate.....	24.5	7.0	0.3	Gulf Coast Livestock Mineral.....	14.6	5.0	30.6
Analysis ⁹	29.7	6.9	.4	Analysis.....	18.3	6.4	43.2
Lamkin's Three Star Brand 5.80% (Equivalent) Protein Mineral Mixture ²	22.0	7.0	10.3	Staffel Co., Ferd, San Antonio, Texas			
Analysis ³	23.3	6.6	15.6	Staffel's Economy Brand Mineral Mixture.....	21.5	4.0	20.0
La Pryor Milling Co., La Pryor, Texas				Analysis.....	21.3	4.8	21.6
Cal-Phos Brand Mineral.....	20.0	7.0	.....	Stock-Aid Mineral Co., Marfa, Texas			
Analysis.....	24.6	8.1	.....	Stock-Aid Mineral Fortifier.....	13.0	7.0	50.0
Analysis.....	24.1	7.9	.....	Analysis.....	14.4	8.0	50.1
Moore Grain Co., F. B., Hamlin, Texas				Swift & Company Oil Mill, Waco, Texas			
Nu-Way Hi-Phos All-Purpose Brand Mineral Mix.....	18.0	9.0	20.0	Swift's Mineral Supplement.....	25.0	4.5	20.0
Analysis.....	19.7	9.9	9.3	Analysis.....	29.3	6.1	15.0
Oelwein Chemical Co., Inc., Oelwein, Iowa				Swift's Mineral All-Purpose Granular.....	25.0	4.5	20.0
Occo-Lak Brand Mineral Feed.....	20.2	0.8	11.0	Analysis.....	28.9	5.5	15.6
Analysis ⁷	30.2	1.1	9.6	United Salt Corporation, Houston, Texas			
Occo Brand Mineral-Vitamin Supplement.....	24.7	5.0	11.0	Ranch House Brand Salt, Bone Meal, Oyster Shell and Copperas.....	13.7	3.2	49.0
Analysis.....	26.4	5.3	7.5	Analysis.....	17.4	3.0	47.5
Producers Grain Corp., Amarillo, Texas				Ranch House Brand Salt, Bone Meal, and Trace Minerals.....	13.0	6.5	49.0
P. G. C. Special Stock Mineral.....	15.2	6.0	40.0	Analysis ¹²	14.7	5.7	49.3
Analysis.....	14.3	6.0	40.2	Universal Mills, Fort Worth, Texas			
Ralston Purina Co., St. Louis, Missouri				Red Chain Minerals For Hogs.....	22.0	6.5	5.0
Purina Livestock Mineral.....	12.5	6.0	40.0	Analysis.....	23.9	4.4	13.1
Analysis ⁸	16.2	6.5	38.3	Red Chain Stock Mineral.....	17.0	8.5	.....
Rogers Grain & Feed Co., Ainsworth, Neb.				Analysis.....	21.0	9.5	.....
Rogers Range Mineral.....	22.0	12.0	.....	Vit-A-Way Brand Mineral Vitamin Supplement.....	20.0	7.0	.....
Analysis.....	23.3	13.9	.....	Analysis ⁹	24.7	8.1	.....
Salt Supply Co., Inc., The, Carlsbad, N. M.				Analysis ⁹	24.9	7.8	.....
S-W Lone Star Mineral Mixture.....	7.0	3.0	70.0	Yoakum Gin & Feed Co., Yoakum, Texas			
Analysis ⁹	10.3	3.7	63.8	Yoakumix Stock Mineral.....	14.0	6.8	20.0
San-Tex Feed and Mineral Co.				Analysis.....	17.7	7.3	24.3
San Angelo, Texas							
San-Tex Range Minerals.....	10.0	5.0	65.0				
Analysis.....	9.7	4.3	69.9				
San-Tex Pasture Aid Brand Mineral Mixture.....	18.5	7.3	25.0				
Analysis ¹⁰	22.4	7.5	32.1				

²Guaranty includes 1.44% equivalent protein from .50% urea.
³Analysis includes .55% equivalent protein from .19% urea.
⁴Claimed, not found: urea.
⁵Found, not claimed: corn meal.
⁶Not tagged but tags furnished. Found, not claimed: calcium carbonate.
⁷Incorrectly printed tags attached.
⁸Mutilated tags attached.
⁹Infested with mold. Misbranded sample is Special Steamed Bone Meal.
¹⁰Obsolete tags attached.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
A. A. A. Alfalfa Milling Company Roswell, New Mexico, and Branches					Acme Flour Mills Co., The Oklahoma City, Okla.—Continued				
17% Protein Dehydrated Alfalfa Meal.....	17.00	1.50	27.00	40.00	Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00
Analysis ¹	16.90	2.36	27.64	36.04	Analysis.....	16.20	3.81	10.00	55.65
Analysis.....	18.60	3.03	26.88	32.79	Analysis.....	16.80	4.51	9.78	52.49
Analysis ¹	18.45	2.63	21.64	38.16	Ada Milling Co., Ada, Oklahoma				
Analysis ¹	18.00	2.20	23.48	38.78	Good Milk Brand 16% (Equivalent) Protein Dairy Feed ³	16.00	3.00	15.00	50.00
Analysis ¹	19.00	1.99	23.04	40.35	Analysis ⁴	15.90	4.24	9.53	49.38
Analysis ²	18.50	1.80	27.47	33.41	Rich Milk Brand 20% (Equivalent) Protein Dairy Feed ⁵	20.00	2.50	15.00	46.00
Analysis ²	16.40	1.83	30.22	34.58	Analysis ⁶	21.15	3.00	9.00	48.90
Analysis.....	18.20	1.52	23.30	40.53	White House Brand Horse and Mule Feed.....	9.00	3.30	8.00	60.00
Analysis.....	17.80	2.80	26.82	35.92	Analysis ⁷	11.75	3.36	5.97	63.35
20% Protein Dehydrated Alfalfa Meal.....	20.00	2.50	24.00	40.00	Analysis ⁸	11.60	3.07	5.31	64.02
Analysis.....	16.10	3.02	27.38	33.50	Evergreen Formula 318 Brand Broiler All-Mash.....	18.00	6.00	4.00	55.00
Analysis.....	16.40	2.54	21.89	39.59	Analysis.....	19.90	6.34	3.78	51.83
Abbott Hay & Grain Co., Abbott, Texas									
Ear Corn Chop With Husk.....	8.00	3.00	10.00	65.00					
Analysis.....	8.50	3.15	9.82	66.93					
Abilene Flour Mills Co., The, Abilene, Kan.									
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00					
Analysis ¹	18.30	4.34	5.43	57.29					
Acme Flour Mills Co., The Oklahoma City, Oklahoma									
Wheat Gray Shorts.....	15.00	3.50	6.00	55.00					
Analysis.....	16.60	3.97	6.00	57.13					

¹Not tagged but tags furnished.
²Permit number not shown on tags.
³Guaranty includes 2.62% equivalent protein from .90% urea.
⁴Analysis includes 0.45% equivalent protein from 0.15% urea.
⁵Guaranty includes 2.62% equivalent protein from .90% urea.
⁶Analysis includes 3.20% equivalent protein from 1.10% urea.
⁷Claimed, not found: ground alfalfa. Infested with mold.
⁸Found, not claimed: crimped barley. Infested with mold.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitro-gen-free extract		Crude protein	Crude fat	Crude fiber	Nitro-gen-free extract
Ada Milling Co., Ada, Oklahoma <i>—Continued</i>					Alice Cotton Oil Co., Alice, Texas				
Evergreen Brand Laying All-Mash	15.00	2.50	8.00	50.00	30% Protein Whole-Pressed Cottonseed	30.00	3.50	25.00	30.00
Analysis ⁹	16.50	3.88	6.61	52.39	Analysis	29.80	4.21	20.83	33.56
Evergreen Brand Startgrolay Krumbles	20.00	2.50	5.50	50.00	41% Protein Cottonseed Meal	41.00	4.00	12.00	25.00
Analysis ¹⁰	21.60	3.95	4.91	52.12	Analysis	40.40	4.70	13.13	28.86
Evergreen Brand 16% (Equivalent) Protein Dairy Feed ¹¹	16.00	3.00	10.00	45.00	"Acco" 16% Protein Dairy Feed	16.00	2.80	11.00	50.00
Analysis ¹²	17.50	4.62	8.22	50.71	Analysis	18.50	2.97	9.64	52.31
Evergreen Brand 20% (Equivalent) Protein Dairy Feed ¹¹	20.00	3.00	10.00	40.00	Analysis ³³	16.10	3.45	7.38	56.98
Analysis ¹¹	19.00	3.04	6.38	50.64	"Acco" 18% Protein Dairy Feed	18.00	3.00	11.50	48.00
Evergreen Rumen-Ade Brand 32% (Equivalent) Protein Cattle Supplement ¹⁵	32.00	3.00	10.00	35.00	Analysis	17.50	3.07	9.51	52.86
Analysis ¹⁰	24.43	5.26	7.14	47.68	Drought Emergency Mixed Feed No. II	14.00	3.00	5.00	58.00
Evergreen Formula 77 Brand Hog Ration Pellets	14.00	2.50	6.00	56.00	Analysis ³⁴	14.95	4.39	3.63	59.47
Analysis	16.20	3.53	4.71	58.82	Alliance Milling Co., Denton, Texas				
Analysis	15.50	3.60	4.34	59.60	Wheat Gray Shorts and Screenings	16.00	3.50	6.50	55.00
Analysis ¹⁷	14.70	3.67	3.74	60.89	Analysis	16.50	3.60	7.80	56.63
Evergreen Formula 322 Brand Broiler Starter—Containing Nitrofurazone	22.00	6.00	4.00	50.00	Allied Mills, Inc., Libertyville, Illinois				
Analysis	22.70	7.10	3.69	50.97	Ground Mixed Screenings	18.00	6.00	22.00	50.00
Evergreen Brand Startgrolay Krumbles—Containing Nitrofurazone ¹⁸	20.00	2.50	5.50	50.00	Analysis ³⁵	13.50	4.67	22.61	40.13
Analysis	21.60	3.71	5.21	51.97	Alva Roller Mills, Alva, Oklahoma				
Mar-va-lac Hog Ration Pellets (77)	14.00	2.50	6.00	56.00	Wheat Gray Shorts and Screenings	16.00	3.50	6.50	55.00
Analysis ¹⁹	14.35	3.45	4.26	61.30	Analysis ³⁹	17.90	4.08	5.68	57.84
					Analysis	17.50	3.67	4.57	60.71
					Analysis ³⁶	17.40	3.79	5.78	58.36
					Analysis ³⁷	16.20	3.74	4.10	61.51
Adcock and Son, J. D., Victoria, Texas					Amarillo Animal By-Products Company				
Dairy Feed	16.00	2.50	12.00	50.00	Amarillo, Texas				
Analysis	16.20	3.61	11.34	53.46	50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00
					Analysis	50.50	11.67	2.44	2.28
					Analysis	52.00	12.52	3.33	2.30
Ahrens, A. F., Karnes City, Texas					Amarillo Oil Mill Co., Amarillo, Texas				
Master Brand 40% Protein Concentrate For Pigs-N-Hogs	40.00	4.00	9.00	15.50	41% Protein Cottonseed Pellets	41.00	5.00	12.00	25.00
Analysis ²⁰	41.10	6.66	8.36	19.30	Analysis ³⁶	39.50	3.15	11.97	29.68
Master Brand 30% Protein Concentrate	30.00	4.00	8.00	26.50	American Crystal Sugar Co., Denver, Colo.				
Analysis	33.00	4.52	7.92	29.48	Dried Beet Pulp	7.50	0.03	22.50	52.00
Master Brand Laying Mash	18.00	3.50	7.50	46.00	Analysis ²²	11.10	.65	22.30	52.61
Analysis	19.25	4.88	7.34	48.08					
Miracle Brand Mixed Feed	16.00	3.00	9.50	51.00					
Analysis	16.20	3.30	10.69	53.46					
Alamo By-Products Co., San Antonio, Tex.									
Alamo Brand Special 50% Protein Meat & Bone Scraps	50.00	3.00	3.00	0.00					
Analysis ²¹	50.00	4.20	3.96	1.47					
Albers Milling Co., Spear Division, Kansas City, Missouri									
Albers Suckle	22.00	3.00	3.50	47.00					
Analysis ²²	25.42	2.60	1.09	53.95					
Analysis ²²	25.50	3.03	1.25	54.44					
Albers Milling Co., Los Angeles, Calif.									
Albers Calf Manna	25.00	3.50	5.50	45.00					
Analysis ²²	26.00	4.33	5.86	47.12					
Analysis ²²	26.00	4.31	5.48	48.46					
Analysis ²⁴	25.50	3.81	5.61	48.30					
Albumina Supply Co., Inc., New York, N. Y.									
60% Protein Fish Meal	60.00	5.00	2.00	1.00					
Analysis ²³	65.05	6.91	0.00	7.05					
Aledo Feed Mill, Inc., Aledo, Texas									
Aledo's E-101 40% (Equivalent) Protein Supplement ²⁵	40.00	2.50	11.50	26.00					
Analysis ²⁶	39.60	4.44	10.39	22.87					
Aledo's 20% (Equivalent) Protein Self-Rationing Pasture Supplement ²⁷	20.00	3.00	5.50	20.00					
Analysis ²⁸	18.00	3.34	5.03	23.70					
Aledo's 20% Protein Self-Rationing Pasture Supplement	20.00	2.50	5.50	17.00					
Analysis ²⁹	20.70	4.64	6.38	19.14					
Aledo's 20% Protein Range Wafers	20.00	3.00	11.00	44.00					
Analysis	19.00	4.36	7.92	46.16					
Analysis	18.80	4.30	8.30	46.39					
Aledo's 15% (Equivalent) Protein-Mineral-Vitamin Supplement For Ruminants ²⁷	15.00	4.00	4.00	15.00					
Analysis ³¹	15.60	4.88	3.38	69.29					
Drought Cubes	0.00	0.00	0.00	0.00					
Analysis ³²	18.20	3.71	7.69	52.49					
Analysis ³²	17.40	2.99	6.98	54.64					
Alexander, Ivan, Emory, Texas									
Cottonseed Hulls and Cottonseed Meal	11.40	1.50	38.00	37.00					
Analysis	10.00	.72	39.81	37.07					
Analysis	12.00	.80	35.70	38.07					
Alfamix Co., Scottsbluff, Nebraska									
Alfalfa Meal	13.00	1.00	31.00	35.50					
Analysis	14.40	1.05	30.76	34.26					
Analysis ²⁸	14.50	1.05	32.83	32.14					

⁹Misbranded. Nitrogen-free extract omitted on label.
¹⁰Found, not claimed: fish meal. Claimed, not found: buttermilk and yeast culture.
¹¹Guaranty includes 3.93% equivalent protein from 1.35% urea.
¹²Analysis includes 1.80% equivalent protein from 0.62% urea. Permit number omitted on label.
¹³Analysis includes 2.10% equivalent protein from 0.72% urea. Permit number omitted on label.
¹⁴Guaranty includes 8.73% equivalent protein from 3% urea.
¹⁵Analysis includes 3.45% equivalent protein from 1.19% urea. Found, not claimed: fish meal. Permit number omitted on label.
¹⁶A small amount of soybean meal and a trace of dried whey found. Permit number omitted on labels.
¹⁷Sampled before registration.
¹⁸Feed not registered.
¹⁹Found, not claimed: linseed meal. Claimed, not found: dried fermentation products and rice mill products.
²⁰Found, not claimed: ground shrimp hulls and ground feathers.
²¹Not tagged but tags furnished.
²²Salt claimed 1%, found 1.41%. Found, not claimed: meat and bone scraps. Not tagged but tags furnished.
²³Guaranty includes 12.80% equivalent protein from 4.40% urea.
²⁴Analysis includes 9.90% equivalent protein from 3.41% urea. Maximum salt guaranteed 2.5%, found 5.04%. Maximum calcium guaranteed 4.0%, found 4.18%. Minimum phosphorus guaranteed 1.2%, found 1.4%. Found, not claimed: rice bran and poultry by-product meal. Blank tags attached.
²⁵Guaranty includes 5.24% equivalent protein from 1.80% urea.
²⁶Analysis includes 2.65% equivalent protein from 0.91% urea. Maximum salt guaranteed 25%, found 23.85%. Minimum calcium guaranteed 4.5%, found 6.5%. Minimum phosphorus guaranteed 1.75%, found 1.83%. Found, not claimed: poultry by-product meal. Blank tags attached.
²⁷Maximum salt guaranteed 25%, found 21.6%. Minimum calcium guaranteed 4.5%, found 6.43%. Minimum phosphorus guaranteed 2%, found 2.18%. Not tagged but tags furnished.
²⁸Analysis includes 4.90% equivalent protein from 1.69% urea. Maximum salt guaranteed 20%, found 18.6%. Minimum calcium guaranteed 12%, found 13.43%. Minimum phosphorus guaranteed 5%, found 5.42%.
²⁹Not registered. Microestimation: ground corn 26.44%, cottonseed meal 31.96%.
³⁰Obsolete tags attached.
³¹Maximum salt guaranteed 1.5%, found 1.68%. Maximum calcium guaranteed 2%, found 1.79%. Minimum phosphorus guaranteed 1%, found .83%. Found, not claimed: poultry by-product meal.
³²Sampled before registration.
³³Not tagged.
³⁴Infested with molds.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
American Rice Growers Mill, Inc. Houston, Texas					Arkansas City Flour Mills Arkansas City, Kansas				
Rice Bran Containing Limestone	11.00	10.00	15.00	35.00	Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.0
Analysis ³⁹	12.80	19.85	6.57	40.12	Analysis	15.70	3.82	5.71	60.0
Analysis	12.50	17.48	9.35	39.51	Wheat Bran	14.50	3.50	10.00	50.0
					Analysis	17.20	3.75	8.01	55.2
Anchor Mill, Waco, Texas					Ark Valley Alfalfa Mill, The Hutchinson, Kansas				
Milo Meal	10.00	2.50	3.00	70.00	Ark Valley 17% Protein Dehydrated				
Analysis ⁴⁰	12.60	4.24	1.96	68.88	Alfalfa Meal	17.00	1.50	27.00	35.00
Analysis	10.00	2.67	2.45	69.22	Analysis ⁴³	18.75	2.11	20.00	34.90
Number Eleven Brand 16% Protein					Analysis ⁴⁴	17.30	2.42	23.03	39.47
Cow Feed	16.00	2.50	17.50	41.00	Analysis ⁴⁵	16.00	3.21	22.63	39.12
Analysis	15.60	5.69	14.12	41.65					
Waco Brand 20% Protein Laying Mash	20.00	3.30	8.00	46.50	Arkansas Valley Alfalfa Milling Co., Inc. Wiley, Colorado				
Analysis	22.70	3.34	5.65	47.98	13% Protein Suncured Alfalfa Meal	13.00	1.50	33.00	35.00
Waco Brand 40% Protein Hog Supplement	40.00	4.50	10.00	20.00	Analysis ⁴⁶	16.20	2.45	27.94	31.90
Analysis	40.90	5.64	11.61	21.93	Analysis ⁴⁰	15.10	1.81	29.92	35.00
O. K. Brand Turkey Starter—Pellets	25.00	3.70	8.00	42.50					
Analysis ⁴¹	22.40	3.74	3.87	54.07	Arlington Grain & Seed Co., Arlington, Tex.				
Waco Brand Chick Starter Mash	20.00	3.50	6.50	50.00	Ground Whole Barley	11.00	1.50	6.00	65.00
Analysis	20.50	5.19	5.54	51.99	Analysis ⁴⁷	14.25	1.94	9.57	61.27
Waco Brand Growing Mash	17.00	3.00	6.50	53.00					
Analysis ⁴²	21.00	4.21	5.75	53.30	Armo Mills, Lockhart, Texas				
Waco All-In-One Brand 18% Protein Hog Ration	18.00	4.50	8.00	45.00	Armo Brand 38% Protein Broiler Concentrate	38.00	3.00	6.00	24.00
Analysis	18.55	6.95	8.00	48.20	Analysis ⁴⁸	37.50	3.47	5.32	28.18
					Armo Brand 18% Protein Dairy Feed	18.00	2.50	13.00	46.00
Anderson Feed Mill, Stephenville, Texas					Analysis ⁴⁹	17.85	3.96	9.98	49.82
Cow Feed	17.00	3.60	12.50	49.00	Armo Brand Chick Starter	20.00	3.00	4.50	51.00
Analysis	17.10	4.41	11.46	51.54	Analysis	21.00	4.23	3.08	54.60
Laying Mash	20.00	4.00	7.50	49.00	Armo Brand 20% Protein Egg Mash	20.00	2.50	8.00	45.00
Analysis	19.70	4.90	6.71	52.43	Analysis	21.50	6.04	5.95	41.90
Anderson's 36% Protein Hog Supplement	36.00	4.50	10.00	24.00					
Analysis ⁴³	37.80	5.69	8.19	27.02	Armour & Co., General Offices, Chicago, Ill.				
Anderson's Broiler Mash	20.00	3.00	5.00	49.00	Armour's 50% Protein Meat and Bone				
Analysis	20.00	3.69	4.54	55.77	Scraps	50.00	6.00	3.00	0.00
					Analysis ⁵⁰	48.10	10.72	2.22	2.40
Anderson Grain Co., Nacogdoches, Texas					Analysis ⁵¹	50.10	9.42	1.70	1.00
Yellow Corn Meal	9.00	3.50	3.00	70.00	Analysis ⁵²	50.00	8.19	1.81	4.00
Analysis	9.00	3.51	2.36	72.21	Analysis ⁵³	50.00	8.98	1.93	1.20
Anderson Broiler Mash—Containing Sulfadoxaline	21.00	3.00	5.00	46.00	Analysis ⁵⁴	48.20	11.58	2.01	0.80
Analysis	23.00	3.03	3.69	52.99	Analysis ⁵⁵	50.00	9.26	1.45	1.50
Analysis	23.40	3.08	3.92	56.23	Armour's 55% Protein Meat Scraps	55.00	6.00	3.00	0.00
Analysis	23.00	3.01	3.76	53.40	Analysis	53.50	8.07	1.64	1.90
Anderson 40% Protein Hog Supplement	40.00	5.00	6.50	20.00	Armour's 60% Protein Digester Tankage	60.00	6.00	3.00	0.00
Analysis ⁴⁴	40.50	4.55	7.15	26.78	Analysis	61.00	6.61	3.00	2.12
Anderson Dairy Feed No. 501	16.00	2.50	10.00	50.00	Analysis	60.00	6.04	2.14	4.62
Analysis ⁴⁵	17.10	4.19	11.96	48.89	Analysis	58.40	7.39	2.35	3.16
Anderson Dairy Feed No. 518	18.00	2.80	10.00	46.00	Analysis	60.40	7.20	1.94	2.60
Analysis ⁴⁶	19.20	4.71	10.89	46.61	Analysis	59.00	10.01	2.25	1.20
					Analysis ⁵⁶	11.78	7.89	4.81	0.88
Andy's Farm Store, Pilot Point, Texas									
Andy's 38% Protein Swine Supplement	38.00	4.30	5.50	25.50					
Analysis	39.00	4.36	5.42	28.25					
Archer-Daniels-Midland Company Minneapolis, Minnesota									
Archer Quality Low-Fiber Solvent Extracted	50.00	0.50	3.00	27.00					
Analysis ⁴⁷	50.10	1.00	2.88	29.93					
Archer Quality 36% Protein Expeller Linseed Meal	36.00	3.50	10.00	33.00					
Analysis	36.40	4.48	8.98	32.22					
Analysis ⁴⁸	32.20	6.99	8.72	36.26					
Analysis	38.60	4.28	8.96	29.37					
Analysis	38.70	4.40	9.19	28.61					
Analysis ⁴⁸	38.70	3.76	9.49	32.51					
Analysis	38.30	4.40	9.08	33.73					
Analysis	38.40	3.53	9.39	33.46					
Analysis ⁴¹	38.05	4.13	9.74	33.82					
11% Protein Ground Soybean Mill Feed	11.00	1.00	35.00	38.00					
Analysis ⁴⁰	17.62	1.70	30.10	34.58					
Archer Grain Co., Inc., Houston, Texas									
Archer's 18% Protein Special Dairy Feed	18.00	3.50	10.00	44.00					
Analysis	20.45	3.50	11.43	52.02					
Analysis ⁴⁹	19.50	4.73	13.28	44.93					
Archer's 18% Protein Sweet Dairy Feed	18.00	3.50	10.00	48.00					
Analysis	18.10	4.34	8.03	49.73					
Archer's XXX Egg Mash	20.00	3.50	6.50	48.00					
Analysis	20.50	3.92	6.26	49.80					
Analysis	21.00	4.03	6.27	51.48					
Archer's XXX Growing Mash	18.00	3.50	6.50	50.00					
Analysis ⁵⁰	21.40	3.50	6.21	49.62					
Analysis ⁵¹	19.90	3.71	6.17	50.32					
Archer's XXX Starter Mash	20.00	3.50	6.00	50.00					
Analysis ⁵²	20.20	4.20	6.31	53.17					
Arizona Alfalfa Products Co., Mesa, Ariz.									
Arison Brand Alfalfa Meal	17.00	1.50	27.00	35.00					
Analysis	14.90	2.49	22.23	37.44					
Analysis ⁵³	12.80	2.13	20.15	39.06					
Analysis ⁵⁴	16.00	2.51	23.56	39.73					
Analysis ⁴⁸	20.80	3.71	24.91	33.90					

³⁹Found, not claimed: rice meal and rice germ meal.
⁴⁰Not tagged but tags furnished.
⁴¹Not tagged.
⁴²Found, not claimed: pea meal.
⁴³Found, not claimed: alfalfa meal.
⁴⁴Not made according to registered formula.
⁴⁵Found, not claimed: cottonseed meal and milo meal. Claimed, not found: soybean meal.
⁴⁶Claimed, not found: soybean meal.
⁴⁷Found, not claimed: pea meal.
⁴⁸Found, not claimed: fish meal and rice bran.
⁴⁹Obsolete tags.
⁵⁰Found, not claimed: cottonseed meal.
⁵¹Misbranded: sample is primarily ground cereal plants and pasture grasses. Estimate alfalfa meal present 30% maximum.
⁵²Misbranded. Sample is a mixture of alfalfa meal and ground cereal grasses.
⁵³Infested with mold.
⁵⁴Found, not claimed: ground oats.
⁵⁵Maximum salt guaranteed 1%, found 1.2%. Minimum calcium guaranteed 4.5%, found 4.77%. Minimum phosphorus guaranteed 1.8%, found 2.09%.
⁵⁶Found, not claimed: meat and bone scraps.
⁵⁷Minimum calcium guaranteed 8.5%, found 10.35%. Minimum phosphorus guaranteed 4.4%, found 4.89%.
⁵⁸Minimum calcium guaranteed 8.5%, found 11.86%. Minimum phosphorus guaranteed 4.4%, found 5.5%.
⁵⁹Minimum calcium guaranteed 8.5%, found 12.64%. Minimum phosphorus guaranteed 4.4%, found 5.5%.
⁶⁰Minimum calcium guaranteed 8.5%, found 11.57%. Minimum phosphorus guaranteed 4.4%, found 5.68%.
⁶¹Minimum calcium guaranteed 8.5%, found 11.14%. Minimum phosphorus guaranteed 4.4%, found 4.80%. Found, not claimed: poultry by-product meal.
⁶²Minimum calcium guaranteed 8.5%, found 12.28%. Minimum phosphorus guaranteed 4.4%, found 5.98%.
⁶³Minimum calcium guaranteed 23.5%, found 27.29%. Minimum phosphorus guaranteed 12%, found 12.84%.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Armour & Co., General Offices, Chicago, Ill. —Continued					B & B Gin Co., Hallettsville, Texas —Continued				
Armour's 75% Protein Blood Meal	75.00	1.00	2.00	3.00	16% Protein Dairy Feed	16.00	3.00	12.00	49.00
Analysis ⁶⁷	73.40	4.82	1.21	2.83	Analysis	16.15	3.58	10.17	51.83
Analysis	75.80	3.18	1.44	4.11	B & D Mills, Grapevine, Texas				
Analysis	78.85	2.30	1.60	2.63	B & D Brand Broiler All-Mash Finisher	18.00	3.00	4.00	56.00
Analysis	77.80	4.53	1.24	1.75	Analysis	19.30	3.01	4.12	56.30
Analysis	78.00	4.82	1.15	1.13	B & D Brand Broiler Mash	20.00	2.60	4.50	54.00
Analysis	77.70	2.66	1.11	3.53	Analysis	21.00	2.70	4.41	54.79
Arnold Elevator Mills, Butler, Missouri					B & D Brand Chick Starter	20.00	2.70	5.00	54.00
Ground Ear Corn	8.00	3.00	8.00	64.00	Analysis	21.70	3.95	3.99	55.03
Analysis ⁶⁸	8.75	3.06	8.93	67.33	B & D Brand 16% Protein Dairy Feed	16.00	3.00	10.50	48.00
Arrow Mills, Inc.					Analysis ⁷⁸	17.00	3.79	9.23	51.15
Houston, Texas and Branches					B & D Brand Broiler Mash	20.00	2.70	4.00	54.00
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	Analysis ⁷⁹	20.85	4.87	3.46	49.02
Analysis	9.00	3.35	9.20	65.08	B & D Brand Laying All-Mash	16.00	3.00	7.00	48.00
Large Packing Co., Ed, San Antonio, Texas					Analysis	18.15	3.00	6.48	55.78
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	B & D Brand 20% (Equivalent) Protein Range Feed Pellets ⁸⁰	20.00	2.50	10.50	45.00
Analysis	53.40	10.00	1.30	.35	Analysis ⁸¹	18.00	3.80	7.51	50.63
Ayers & Son, Inc., Ray C., Slaton, Texas					B & D Brand Turkey Starter	28.00	2.50	5.50	43.00
Big A Brand Laying Mash	20.00	3.00	6.50	50.00	Analysis	28.75	3.46	4.36	45.50
Analysis	20.20	3.95	6.67	51.91	Barker's Elevator, Elgin, Texas				
Big A Brand 16% (Equivalent) Protein Dairy Feed	16.00	2.50	12.00	50.00	Ear Corn Chop With Husk and Cane Molasses	7.10	2.50	8.50	65.00
Analysis ⁶⁹	15.90	2.12	9.25	49.70	Analysis	7.70	2.52	11.08	66.25
Ayers Supreme Brand Drought Emergency Mix 2	12.00	2.50	10.00	54.00	Barrett Ranch Feed & Milling Co. Bellville, Texas				
Analysis ⁷⁰	12.60	2.68	4.90	61.39	Barrett Ranch Creep Feed	14.00	2.70	11.50	51.00
32% Protein Supplement for Show Calves	32.00	3.00	12.00	31.00	Analysis	14.55	4.37	9.95	54.13
Analysis ⁷¹	31.55	3.22	10.65	32.18	Barrett Ranch Dairy Feed	17.00	2.70	13.00	47.00
Ayers 40% Protein Pig-N-Hog Supplement	40.00	2.50	7.00	30.00	Analysis ⁸²	18.00	3.17	11.70	50.63
Analysis	36.43	3.62	5.36	29.52	Barrett Ranch All-Purpose Brand Feed	14.00	3.00	10.50	50.50
Ayers Supreme Brand Drought Emergency Feed	22.00	2.50	7.00	52.00	Analysis	16.10	4.53	10.40	51.46
Analysis ⁷²	22.10	2.69	7.25	50.01	Bartlett Feed Mills, Childress, Texas				
Ayers Supreme Brand Chick Starter	20.00	3.00	5.50	52.00	Red Rooster Brand 18% Protein Egg Mash	18.00	3.50	8.00	52.00
Analysis	21.80	3.90	4.55	53.67	Analysis ⁸³	19.10	4.00	5.35	54.47
Analysis	20.20	3.72	4.96	55.41	Red Rooster Brand Pig and Hog Feed	16.00	3.00	6.00	58.00
Ayers Supreme Brand 18% Protein Egg Mash	18.00	3.00	7.00	52.00	Analysis ⁸⁴	17.00	3.06	4.20	58.51
Analysis ⁷³	18.50	3.62	4.77	55.39	Basic Formulas Laboratories, Inc. San Antonio, Texas				
Ayers Supreme Brand 20% Protein Egg Mash	20.00	2.50	7.00	47.00	Basic Formulas Calf Metabolizer	28.00	5.00	6.00	32.00
Analysis ⁷⁴	17.35	4.34	4.85	57.40	Analysis ⁸⁵	34.60	5.33	6.96	27.74
Analysis	19.15	2.94	6.61	53.49	Basic Formulas Cattle Feed Mix Metabolizer	41.00	5.00	7.00	16.00
Analysis ⁷⁵	18.90	3.40	4.47	55.27	Analysis ⁸⁶	41.60	5.79	6.94	17.29
Analysis	19.50	3.40	5.11	54.07	Analysis	38.00	5.15	7.58	20.94
Ayers Supreme Brand Grow Feed	18.00	3.00	5.50	54.00	Basic Formulas Poultry Metabolizer	40.00	5.00	6.00	18.00
Analysis	17.50	4.24	5.23	56.78	Analysis ⁸⁷	40.80	8.08	5.76	15.60
Ayers Supreme Brand Creep Feed	13.00	3.00	8.00	54.00	Bassett Feed Store, De Leon, Texas				
Analysis	13.50	4.06	3.63	63.55	Bassett's Hog Ration	15.50	3.00	6.00	56.50
Ayers Supreme Brand 16% Protein Dairy Feed	16.00	2.50	9.00	54.00	Analysis ⁷⁵	17.20	3.33	4.98	57.57
Analysis	18.10	2.52	10.53	50.45	Bay City Gin & Milling Co., Bay City, Texas				
Ayers Supreme Brand Range Cubes	20.00	2.50	8.00	50.00	11.50% Protein Feed Mixture	11.50	4.00	11.00	50.00
Analysis ⁷⁶	20.60	2.74	7.18	51.64	Analysis	15.00	6.49	10.52	50.73
Ayers Supreme Brand Horse and Mule Feed	11.00	3.00	11.00	54.00	Bearly Alfalfa Milling Co., Inc., J. H. Fort Lupton, Colorado				
Analysis ⁷⁷	12.60	3.25	6.92	61.24	15% Protein Alfalfa Meal	15.00	0.00	33.00	0.00
Bagwell Feed Mill, Greenville, Texas					Analysis ⁸⁹	15.50	1.54	32.18	29.95
Keen-Bilt Brand Sow And Pig Feed	18.00	3.00	5.00	47.00	⁶⁷ Refund paid.				
Analysis	20.20	4.23	3.91	53.51	⁶⁸ Not tagged but tags furnished.				
Keen-Bilt Brand Broiler Mash	20.00	3.00	5.00	49.00	⁶⁹ Found, not claimed: ground rice hulls. Claimed, not found: urea and wheat bran. Calcium carbonate excessive. Incorrectly printed tags attached.				
Analysis	20.80	4.83	3.95	49.89	⁷⁰ Found, not claimed: milo meal, defluorinated phosphate and a trace of bone meal.				
Keen-Bilt Brand Laying All-Mash	15.00	3.00	5.50	55.00	⁷¹ Found, not claimed: calcium carbonate 3.28%.				
Analysis	16.10	3.95	3.92	59.79	⁷² Incorrectly printed tags attached.				
Bagwell's Cow Feed Mix No. 6	16.00	1.50	10.00	48.00	⁷³ Found, not claimed: peanut meal. Obsolete tags attached.				
Analysis	18.20	2.48	9.81	53.43	⁷⁴ Found, not claimed: peanut meal. Claimed, not found: linseed meal and dried whey.				
Bailey's Feed Store, Rosenberg, Texas					⁷⁵ Not made according to registered formula.				
Bailey's Creep Feed	14.00	5.00	10.00	51.00	⁷⁶ Found, not claimed: linseed meal. Claimed, not found: soybean meal.				
Analysis	15.60	6.46	6.63	55.29	⁷⁷ Found, not claimed: cottonseed meal.				
Bailey's Range Feed Cubes	20.00	4.50	9.50	45.50	⁷⁸ Found, not claimed: milo gluten feed, dried skimmed milk and dried whey.				
Analysis	21.10	4.92	7.64	47.43	⁷⁹ Mutilated tags attached.				
Red Star 18% Protein Dairy Feed	18.00	3.50	12.50	42.50	⁸⁰ Guaranty includes 6.55% equivalent protein from 2.25% urea.				
Analysis	19.25	4.20	10.00	48.05	⁸¹ Analysis includes .80% equivalent protein from .28% urea. Found, not claimed: meat and bone scraps.				
Red Star Egg Mash	20.00	3.50	6.50	46.50	⁸² Found, not claimed: rice bran.				
Analysis	21.20	4.13	6.23	50.01	⁸³ Found, not claimed: a trace of dried yeast.				
Red Star Special Brand Laying Mash	18.00	5.00	8.00	46.00	⁸⁴ Found, not claimed: calcium carbonate.				
Analysis	19.35	7.64	6.94	46.77	⁸⁵ Found, not claimed: cottonseed meal.				
Analysis	19.50	9.64	6.39	42.36	⁸⁶ Obsolete tags attached.				
Bailey's Range Breeder Feed Cubes	20.00	3.50	9.50	47.50	⁸⁷ Found, not claimed: soybean meal.				
Analysis	22.00	4.07	8.43	48.85	⁸⁸ Not registered.				
Bailey's Broiler Mash—Containing 3-Nitro	20.00	3.50	6.00	47.00					
Analysis	21.30	4.07	5.88	48.91					
B & B Gin Co., Hallettsville, Texas									
18% Protein Laying Mash	18.00	3.00	7.50	50.00					
Analysis	21.40	4.04	5.44	50.87					
23% Protein Supplement For Laying Hens	23.00	3.00	9.50	36.50					
Analysis	26.00	4.30	8.38	40.03					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent				Na
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract	
Beaumont Rice Mills, Beaumont, Texas					Big 4 Co-Op Processing Association					
Rice Bran Containing Calcium Carbonate Analysis ⁹⁰	11.00 13.40	13.00 15.61	12.00 9.00	36.00 41.72	Sheldon, Iowa Felco Expeller Soybean Meal Analysis ¹¹³	41.00 43.00	3.50 4.85	7.00 5.77	28.00 31.00	Bord Ca
Beeville Feed & Seed Co., Beeville, Texas					Big-Tex Grain Co., San Antonio, Texas					
Russell's Milkfow Brand Special Dairy Feed	16.00	3.00	12.50	47.50	Ground Milo Analysis	10.00 11.40	2.50 2.54	3.00 2.45	70.00 71.00	Bord Bo
Analysis	17.70	3.06	11.91	49.87	Birdwood Products, North Platte, Neb.					
Russell's Creep Feed	13.00	2.80	8.00	58.00	15% Protein Dehydrated Alfalfa Meal Analysis ¹¹⁴	15.00 15.80	1.50 2.47	30.00 31.14	33.00 34.00	Bosw 41
Analysis	14.90	3.25	7.30	59.80	Blair Elevator Corp., The, Atchison, Kansas					
Russell's Milkfow Brand Dairy Ration	17.00	2.70	11.50	44.00	Certified Brand 16% Protein Dairy Feed Analysis	16.00 19.30	2.50 3.06	12.00 7.89	45.00 51.00	Bow Bo
Analysis ⁹¹	17.10	2.56	11.46	49.70	Blanton Grain Co., Carrollton, Texas					
Russell's Improved Range Control Feed	20.00	2.00	7.00	26.50	Whole Oat Chop Analysis ¹¹⁵	11.00 11.90	4.00 3.83	12.00 9.09	58.00 60.00	Boye Al
Analysis	20.40	2.33	5.60	27.52	Analysis ¹¹⁶	11.30	4.13	9.90	60.00	
Bennett Trading Co., Inc., Coolidge, Texas					Blanco 16% Protein Dairy Feed	16.00	2.50	13.50	47.00	
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	Analysis ¹¹⁷	15.48	3.65	12.39	55.20	
Analysis	8.80	2.78	12.47	64.15	Analysis	15.80	4.11	10.95	51.00	
Benson Gin & Grain Co., Meridian, Texas					Blanco Hog Ration	16.50	3.50	7.50	52.00	
Benson's Dairy Mix	16.00	3.00	14.00	47.00	Analysis ¹¹⁸	18.50	4.57	6.72	53.00	
Analysis	16.00	3.31	15.80	50.05	Pasture and Dry Cow Feed	12.00	4.50	23.50	40.00	
Benton & Son Feed Co., F. M., Sabin, Tex					Analysis ¹¹⁹	12.30	4.54	23.42	39.00	
Benton's 16% Protein Cow Feed	16.00	2.30	19.00	29.00	Blatchfords Calf Meal Co., Waukegan, Ill.					
Analysis	15.88	2.36	12.64	48.33	Blatchford's Swinex Analysis ⁹⁹	36.00 37.30	2.00 2.04	7.00 6.08	26.00 36.50	Brac W
Benton's Pride Laying Mash	19.00	3.50	7.00	46.00	Blue Bonnet Packing Co., Fort Worth, Tex.					
Analysis ⁹²	20.50	3.59	7.00	50.01	50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	Brac B
Beran Gin, Mill & Feed Co., Moulton, Tex.					Analysis	48.30	9.97	2.26	6.00	
Beran Broiler Mash	20.00	2.50	5.00	50.00	Analysis	49.80	9.69	1.91	6.00	
Analysis ⁹³	21.30	3.04	3.53	54.40	Analysis	50.00	6.01	2.19	6.00	
Bewley Mills, Fort Worth, Texas					Analysis ¹²¹	52.40	12.93	2.72	6.00	
Bewley's Anchor Wheat Gray Shorts and Screenings	15.00	3.50	6.00	55.00	Blue Valley Mill, Durant, Oklahoma					
Analysis	15.40	3.01	7.39	58.80	Ground Alfalfa Analysis ¹²²	13.00 15.30	1.50 3.82	33.00 24.12	33.00 37.00	
Analysis	15.05	3.55	8.19	57.10	Bonner Feed Co., Athens, Texas					
Analysis ⁹⁴	15.80	3.95	6.36	58.65	Bonner's Special 16% Protein Dairy Ration	16.00	3.00	18.50	45.00	
Analysis ⁹⁵	16.80	3.23	5.67	58.05	Analysis	17.35	3.49	14.51	43.00	
Joy Sweet 16% (Equivalent) Protein Dairy Ration ⁹⁶	16.00	2.00	15.00	45.00	⁹⁰ Found, not claimed: ground rice.					
Analysis ⁹⁷	17.40	2.92	11.58	45.61	⁹¹ Found, not claimed: linseed meal.					
Bewley's Anchor Wheat Bran, Wheat Brown Shorts and Screenings	14.50	3.50	9.20	55.00	⁹² Found, not claimed: cottonseed meal.					
Analysis	16.20	3.63	9.15	53.78	⁹³ Infested with mold.					
Bewley's Joy Egg Mash	20.00	4.00	8.00	43.00	⁹⁴ Not made according to registered formula.					
Analysis ⁹⁸	22.20	2.66	9.84	45.20	⁹⁵ Heavily infested with molds, and musty odor.					
Bewley's Anchor Chick Starter All-Mash	20.00	3.50	5.00	56.00	⁹⁶ Guaranty includes 3.93% equivalent protein from 1.35% urea.					
Analysis	20.30	3.98	4.74	52.64	⁹⁷ Analysis includes 3.75% equivalent protein from 1.29% urea. Minimum salt guaranteed 2.5%, found 2.76%. Minimum calcium guaranteed 1.3%, found 1.86%. Not tagged.					
Bewley's Anchor 18% Protein Dairy Feed	18.00	3.00	8.00	50.00	⁹⁸ Found, not claimed: rice bran, ground oats and fish meal.					
Analysis	18.00	2.85	8.56	50.65	⁹⁹ Not tagged but tags furnished.					
Bewley's Anchor 20% Protein Range Chunkets	20.00	2.50	6.50	47.00	¹⁰⁰ Guaranty includes 3.93% equivalent protein from 1.35% urea.					
Analysis ⁹⁹	20.20	3.75	8.00	50.01	¹⁰¹ Analysis includes 3.90% equivalent protein from 1.34% urea. Minimum salt guaranteed 2.5%, found 4.44%. Minimum calcium guaranteed 1.1%, found 3.45%.					
Joy Sweet Brand 16% (Equivalent) Protein Dairy Ration ¹⁰⁰	16.00	2.50	12.00	45.00	¹⁰² Microestimation: corn 40%, cottonseed meal 47.5%. Incorrectly printed tags.					
Analysis ¹⁰¹	15.10	1.60	9.03	48.30	¹⁰³ Microestimation: corn 39.66%, cottonseed meal 41%. Incorrectly printed tags.					
Drouth Emergency Relief Range Chunkets	20.00	2.50	7.00	45.25	¹⁰⁴ Not made according to registered formula. Not tagged.					
Analysis ¹⁰²	22.20	2.57	10.83	48.01	¹⁰⁵ Found, not claimed: cottonseed meal, blood meal and pulverized rye. Not tagged but tags furnished.					
Analysis ¹⁰³	21.70	2.69	6.25	53.85	¹⁰⁶ Found, not claimed: cottonseed meal and blood meal.					
Analysis ¹⁰⁴	20.50	2.94	10.90	50.14	¹⁰⁷ Found, not claimed: rice bran and ground barley.					
Bewley's Blue Anchor 20% Protein Range Chunkets	20.00	2.50	10.00	45.00	¹⁰⁸ Not made according to registered formula. Calcium carbonate excessive.					
Analysis	20.30	2.57	9.62	45.19	¹⁰⁹ Found, not claimed: rice bran, fish meal and corn gluten meal.					
Blue Anchor Egg Mash	20.00	3.50	7.50	45.00	¹¹⁰ Found, not claimed: rice bran and bone meal.					
Analysis	20.70	3.56	5.01	51.21	¹¹¹ Incorrectly printed tags.					
Analysis ⁹⁹	19.80	3.87	7.94	49.72	¹¹² Not registered.					
Analysis ¹⁰⁵	20.15	3.96	7.43	50.38	¹¹³ Sampled before registration.					
Analysis ¹⁰⁶	23.30	3.91	7.49	47.33	¹¹⁴ Misbranded: sample is a mixture of ground oats, oat screenings, ground wheat and barley, small amounts of alfalfa meal and alfalfa seed.					
Analysis ¹⁰⁷	22.75	4.15	7.50	45.55	¹¹⁶ Found, not claimed: corn meal, grain sorghum meal, pulverized barley and spelt.					
Bewley's Blue Anchor Horse and Mule Feed	9.50	2.70	10.00	56.00	¹¹⁷ Found, not claimed: ground barley. Claimed, not found: soybean meal.					
Analysis ¹⁰⁸	11.50	3.53	7.07	60.28	¹¹⁸ Found, not claimed: soybean meal and grain sorghum meal.					
Analysis ¹⁰⁴	11.40	3.62	6.41	59.79	¹¹⁹ Claimed, not found: cottonseed meal. Not tagged but tags furnished.					
Analysis ¹⁰⁴	12.20	3.27	6.91	59.64	¹²¹ Found, not claimed: poultry by-products meal.					
Blue Anchor 16% Protein Mixed Feed	16.00	2.50	13.00	48.00	¹²² Misbranded: sample is a mixture of ground alfalfa and ground peanut vines. Not tagged but tags furnished.					
Analysis ¹⁰⁹	17.20	2.62	9.59	47.57						
Analysis ¹¹⁰	20.50	2.81	9.48	46.37						
Bewley's Blue Anchor 18% Protein Dairy Feed	18.00	2.50	13.00	46.00						
Analysis ¹⁰⁴	16.80	3.02	9.34	47.85						
Bewley's Anchor Broiler Mash	20.00	3.00	4.50	45.00						
Analysis	21.55	3.47	4.96	54.07						
Bibb Company, H. T., Fort Worth, Texas										
Ground Oats	11.00	4.00	12.00	58.00						
Analysis ⁹⁴	11.50	4.92	12.31	57.93						
Analysis	12.00	5.29	11.56	59.35						
Hominy Feed and Cane Molasses	9.60	4.70	7.00	60.00						
Analysis	9.30	4.29	7.00	66.23						
Analysis ¹¹²	11.50	6.39	4.84	64.25						
VYM Brand 32% Protein Poultry Concentrate	32.00	3.50	8.00	25.00						
Analysis ¹¹¹	32.50	4.05	7.08	28.28						

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Bordens, Inc., Junction, Texas					Brazos County Producers Cooperative Assn., Bryan, Texas—Continued				
Cane Molasses	2.50	0.00	0.00	65.00	Co-Op Humphries Dairy Feed	18.00	3.00	8.50	48.00
Analysis ¹²³	3.10	0.00	0.00	0.00	Analysis	19.10	3.44	6.89	50.17
Borden Co., The, New York, New York					Analysis	18.20	3.77	7.32	53.32
Borden's Mf-FI Blend Poultry Feed Supplement	40.00	1.00	6.50	30.00	Co-Op Dry and Freshening Feed	12.50	3.00	12.00	50.00
Analysis ¹²⁴	43.80	2.54	4.91	34.08	Analysis	12.50	4.06	10.32	52.37
Boswell Co., J. G., Los Angeles, Calif.					Brazos Valley Cotton Oil Co., Waco, Tex.				
41% Protein Cottonseed Meal	41.00	4.00	13.00	25.00	Longhorn Brand 41% Protein Cottonseed Meal	41.00	3.50	13.00	25.00
Analysis ¹²⁵	42.00	4.92	11.00	30.30	Analysis	41.00	5.27	10.95	27.81
Bower Feed Store, Graham, Texas					Analysis	40.50	5.56	12.44	22.68
Bower's Special 18% Protein Dairy Feed	18.00	3.00	12.50	47.00	Analysis	41.60	5.04	10.49	28.02
Analysis	18.15	7.93	12.50	44.93	Analysis	40.70	4.90	11.03	28.88
Analysis	18.70	3.61	11.12	48.63	Analysis	40.90	5.13	12.52	27.75
Boyer Feed Mills, Fort Worth, Texas					Analysis	41.20	4.88	12.88	27.52
Alfalfa Meal and Cane Molasses	11.00	1.40	27.30	40.00	Analysis	40.20	4.99	13.12	27.21
Analysis	15.30	1.49	20.17	42.09	Analysis	42.00	4.31	11.90	28.60
Boyer's 16% Protein Dairy Feed	16.00	3.00	11.00	48.50	Analysis	39.20	4.76	13.55	29.19
Analysis	18.30	3.42	8.77	53.16	Analysis	41.00	5.13	12.44	27.50
Boyer 40% Protein Hog Concentrate	40.00	4.00	9.50	17.00	Analysis	41.00	4.07	13.86	29.04
Analysis ¹²⁶	39.40	3.82	7.88	18.13	Analysis	42.00	4.57	12.65	24.84
Boyer Pig Starter	19.50	3.50	6.00	48.00	Analysis	41.30	4.01	13.62	27.82
Analysis ¹²⁷	20.40	3.58	6.32	51.81	Analysis	42.60	4.76	11.89	25.98
Bradfish Grain Co., Weatherford, Texas					Longhorn Brand 41% Protein Cottonseed Pellets	41.00	4.00	13.00	25.00
We-Tex 16% Protein Dairy Feed	16.00	3.00	13.50	45.00	Analysis ¹³⁶	38.75	4.99	12.10	32.08
Analysis	19.00	3.50	11.23	47.59	Analysis	42.95	4.65	11.76	27.60
We-Tex Laying Mash	18.00	3.60	8.00	46.00	Analysis	41.10	5.41	11.24	28.71
Analysis	20.00	3.87	7.08	52.08	34% Protein Linseed Meal	34.00	4.00	10.00	35.00
Brady Mills, Inc., Brady, Texas					Analysis ¹³⁷	36.20	5.53	10.74	35.27
B-M Special 18% Protein Dairy Feed	18.00	3.50	13.00	41.00	Brazos Valley Dehydrating Company				
Analysis ¹²⁸	19.00	3.00	10.54	50.41	Hearne, Texas				
B-M Special Egg Mash	20.00	3.50	8.00	47.00	20% Protein Dehydrated Alfalfa Meal	20.00	2.00	25.00	40.00
Analysis	21.80	4.42	7.27	49.11	Analysis ¹²⁹	21.35	3.16	16.09	42.20
B-M Quality Brand 44% Protein Hog Supplement	44.00	4.00	12.00	15.00	Analysis	25.80	2.23	19.21	35.40
Analysis ¹²⁹	41.90	5.64	6.74	21.61	Analysis	23.20	3.83	16.75	37.69
B-M Quality Brand Chick Starter	20.00	3.50	6.50	49.00	Brazos Valley Feed Co., Navasota, Texas				
Analysis	21.95	4.31	5.79	50.65	B. V. Gro-Mo Brand Growing Mash	18.00	3.50	5.50	50.00
B-M Quality Brand Growing Mash	18.00	3.50	6.50	50.00	Analysis	20.10	3.61	5.45	53.12
Analysis	20.80	4.16	5.65	50.80	B. V. Mo-Milk Brand 16% Protein Dairy Feed	16.00	3.00	11.00	49.00
B-M 41% Protein Peanut Meal	41.00	6.00	16.00	23.00	Analysis ¹³⁰	16.30	4.10	10.46	50.32
Analysis	37.20	10.95	9.97	31.60	Analysis	16.30	3.82	10.95	51.16
Analysis	37.00	5.46	9.59	36.12	B. V. Mo-Milk Brand 18% Protein Dairy Feed	18.00	3.00	11.00	46.00
Analysis	39.10	6.27	12.40	29.56	Analysis	18.00	3.68	10.81	48.49
Analysis	42.00	5.76	12.19	28.73	B. V. Lay-Mo Brand 20% Protein Laying Mash	20.00	3.50	7.50	45.00
Analysis	41.40	4.87	13.46	26.78	Analysis	22.50	3.96	6.59	48.25
Analysis	41.50	4.82	13.04	27.19	Analysis	20.20	4.01	6.73	50.46
Analysis ¹³⁰	40.00	6.06	14.27	29.05	B. V. Pig-Pusher Brand 30% Protein Hog Supplement	30.00	5.00	7.50	30.00
B-M Brand 20% Protein Special Range Feed Pellets	20.00	3.00	12.00	43.00	Analysis	31.10	5.84	7.39	34.17
Analysis	21.30	6.07	9.52	44.12	B. V. Economy Brand 16% Protein Dairy Ration	16.00	3.00	23.00	38.00
B-M "Big-Pig" Brand 36% Protein Hog Supplement	36.00	4.50	8.50	20.50	Analysis ¹⁴⁰	16.40	3.19	18.03	44.18
Analysis	37.40	5.00	8.03	23.82	Brenham Cotton Oil & Manufacturing Co. Brenham, Texas				
B-M "Big-Pig" Brand Pig and Sow Feed	16.00	3.00	6.00	54.00	41% Protein Cottonseed Meal	41.00	4.00	14.00	25.00
Analysis ¹³¹	19.50	3.11	4.05	53.81	Analysis ¹³⁶	40.60	4.48	12.74	29.26
Milk Pail Brand 16% Protein Dairy Ration	16.00	2.50	20.00	41.00	Analysis	38.20	5.13	13.16	29.53
Analysis	17.50	2.30	17.74	42.03	Analysis	40.60	5.02	14.00	27.86
Eggo Brand Laying Mash	18.00	3.00	8.00	49.00	41% Protein Cottonseed Pellets	41.00	4.00	14.00	25.00
Analysis ¹³²	21.45	4.31	9.51	48.46	Analysis	40.00	4.71	12.34	27.02
B-M "Bigro" Brand Broiler Mash	21.00	3.50	5.00	52.00	Briggs Feed Store, Seminole, Texas				
Analysis	22.30	4.20	4.79	54.07	Chowmix 16% Protein Dairy Feed W...	16.00	3.00	12.00	50.00
Brandon Feed Co., Stephenville, Texas					Analysis	16.85	3.25	8.40	53.61
16% Protein Dairy Feed	16.00	3.00	10.00	51.50	Chowmix Hog Feed D	14.00	3.00	7.00	53.00
Analysis	17.00	3.27	7.61	56.26	Analysis	16.00	3.35	3.50	60.58
Brandon's Metabolizer Brand Egg Mash	20.00	4.00	8.00	41.00	Chowmix Laying Mash	18.00	3.00	8.00	48.00
Analysis	25.87	4.78	7.71	43.83	Analysis	18.90	3.67	4.14	57.96
Brandon's Metabolizer Brand Growing Mash	18.00	5.00	8.00	48.00	¹²³ Degrees Brix: 80.40.				
Analysis	22.50	5.33	8.00	46.78	¹²⁴ Incorrectly printed tags attached.				
Brazos County Producers Cooperative Association, Bryan, Texas					¹²⁵ Not tagged but tags furnished.				
Co-Op Eat-More Brand Hog Feed	14.00	3.00	5.00	58.00	¹²⁶ Found, not claimed: poultry by-product meal.				
Analysis ¹³³	16.00	4.73	3.93	60.32	¹²⁷ Found, not claimed: cottonseed meal and ground barley.				
Co-Op Money Maker Brand 17.50% Protein Dairy Feed	17.50	3.50	11.00	48.00	¹²⁸ Found, not claimed: pulverized oats and alfalfa meal.				
Analysis	18.30	3.53	9.00	49.93	¹²⁹ Found, not claimed: soybean meal and calcium carbonate.				
Analysis ¹³⁴	16.50	3.56	8.64	51.88	¹³⁰ Found, not claimed: cottonseed meal.				
Co-Op Special Laying Mash	19.00	3.50	7.00	50.00	¹³¹ Found, not claimed: cottonseed meal, soybean meal and meat and bone scrap.				
Analysis	20.50	4.19	6.04	50.74	¹³² Found, not claimed: soybean meal.				
Analysis	21.85	4.07	5.71	49.73	¹³³ Found, not claimed: cottonseed meal and dried yeast.				
Co-Op Leader Laying Mash	18.00	3.50	7.00	41.00	¹³⁴ Claimed, not found: steamed bone meal.				
Analysis	19.70	3.16	4.33	55.05	¹³⁵ Found, not claimed: grain sorghum meal.				
Co-Op Broiler Ration	22.00	3.00	5.00	51.00	¹³⁶ Obsolete tags attached.				
Analysis	22.00	4.29	3.48	53.05	¹³⁷ Incorrectly printed tags.				
Analysis	23.50	3.02	4.11	53.30	¹³⁸ Found, not claimed: ground peanut hulls.				
Co-Op 16% Protein Dairy Feed	16.00	3.20	13.00	47.00	¹⁴⁰ Found, not claimed: milo gluten feed and ground rice hulls. Incorrectly printed tags.				
Analysis ¹³⁵	18.05	3.60	9.95	51.14					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent				Na
	Crude protein	Crude fat	Crude fiber	Nitro-gen-free extract		Crude protein	Crude fat	Crude fiber	Nitro-gen-free extract	
Britt Grain Company, Lamesa, Texas					Buhler Mill & Elevator Co., The					Buru
Britt's 10.50% Protein Cow Feed.....	10.50	1.70	25.00	48.00	Buhler, Kansas					Ter
Analysis ¹⁴¹	11.40	1.76	21.22	50.73	Wheat Bran and Screenings.....	14.50	3.50	10.00	47.00	Te
Britt's 18% Protein Chick Grower.....	18.00	3.00	8.00	50.00	Analysis ¹⁴³	15.80	4.05	10.56	52.80	Te
Analysis.....	20.50	3.82	6.04	52.58	Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	Te
Britt's 20% Protein Chick Starter.....	20.00	3.00	6.50	49.00	Analysis ¹⁴³	17.00	3.69	4.93	58.00	
Analysis.....	22.00	3.72	5.47	51.89	Bullard Feed Mill, Gainesville, Texas					
Britt's 18% Protein Egg Mash.....	18.00	3.00	8.00	49.00	Green Valley Brand 15% Protein Hog					
Analysis.....	19.60	3.55	6.41	53.42	Feed.....	15.00	2.70	5.50	58.00	Te
Britt's 16% Protein Hog Grower.....	16.00	3.00	6.00	54.00	Analysis ¹⁵⁴	14.90	3.60	4.78	61.10	Te
Analysis.....	16.00	3.50	4.32	60.82	Burleson County Co-Op Store					Te
Britton Company, V. C., Firebaugh, Calif.					Caldwell, Texas					Te
Firebaugh Dehydrated Alfalfa Meal.....	18.00	1.50	25.00	10.00	Burleo Special Brand 18% Protein					Te
Analysis ¹⁴²	18.50	3.29	22.70	37.30	Dairy Feed.....	18.00	3.50	12.50	44.50	Te
Brockman Milling Co., Kenedy, Texas					Analysis.....	18.35	4.47	10.03	46.10	Te
Top Quality Brand 16% Protein Dairy					Analysis.....	17.30	4.24	14.99	50.10	Te
Ration.....	16.00	3.50	12.00	48.00	Burress Feed Co., Decatur, Texas					Te
Analysis ¹⁴³	16.00	3.73	10.01	53.72	Wise-Co 20% Protein Egg Mash.....	20.00	3.50	7.50	48.00	
Brockman Special 16% Protein Dairy					Analysis.....	20.70	3.55	6.70	53.80	
Feed.....	16.00	2.70	11.50	47.00	Burrus Feed Mills, Fort Worth, Texas					Burr
Analysis.....	17.30	3.14	10.39	50.65	41% Protein Cottonseed Meal Pellets...	41.00	5.00	13.00	25.00	W
Brookshire Alfalfa Mills, Brookshire, Texas					Analysis ¹⁵⁵	31.50	7.55	13.80	31.50	W
Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	Five Star Laying Mash.....	20.00	3.50	7.50	46.00	W
Analysis.....	25.00	3.72	17.35	34.60	Analysis.....	19.80	5.17	7.18	48.30	W
Brookshire-Johnston Farm Supply					Five Star Milk-Shed Feed.....	16.00	3.00	9.00	47.00	
Tyler, Texas					Analysis.....	18.10	3.56	8.98	49.50	
Mixed Feed.....	14.50	2.50	4.70	60.00	Five Star Horse Feed.....	10.00	2.50	9.50	58.00	
Analysis.....	13.60	2.83	4.50	64.76	Analysis ¹⁵⁶	9.50	2.55	4.93	63.00	10
Chowmix Growing Mash.....	17.00	3.00	7.00	51.00	Texo Sweeties.....	10.00	2.50	6.00	59.00	
Analysis ¹⁴⁴	19.00	4.07	7.00	55.02	Analysis ¹⁵⁷	13.50	1.33	11.15	48.80	
Chowmix 16% (Equivalent) Protein					Texo Growing Mash.....	20.00	3.00	4.50	56.00	
Dairy Feed ¹⁴⁵	16.00	2.50	12.00	50.00	Analysis.....	19.25	3.65	4.09	55.80	Bye
Analysis ¹⁴⁶	15.90	4.01	10.03	54.92	Analysis ¹⁵⁸	20.00	3.66	4.16	55.40	B
Chowmix Hog Feed.....	14.00	3.00	6.00	56.00	Texo Laying All-Mash.....	17.50	3.00	5.00	53.00	C
Analysis ¹⁴⁷	16.50	3.73	5.27	60.40	Analysis.....	17.20	2.00	3.88	56.10	C
Brown, C. W., Honey Grove, Texas					Analysis.....	17.90	3.51	4.36	55.30	C
Brown's Best Brand Dairy Ration.....	18.00	3.00	18.50	41.50	Analysis.....	16.35	4.58	4.73	56.50	C
Analysis.....	20.00	3.45	12.38	47.55	Analysis.....	17.60	4.23	4.41	53.00	C
Brown, M. E., Red Oak, Texas					Texo Replacer Pellets.....	25.00	4.00	5.00	46.00	C
Ground Whole Oats.....	11.00	4.00	12.00	58.00	Analysis ¹⁵⁹	25.00	3.25	6.90	48.20	
Analysis.....	10.90	5.22	11.51	60.08	Texo Growing All-Mash.....	16.00	2.50	4.50	58.00	
Ear Corn Chop With Husk.....	8.00	3.00	10.00	65.00	Analysis.....	16.20	4.45	3.78	60.12	Cal
Analysis.....	9.00	3.20	9.63	64.86	Texo Calf Starter.....	16.00	2.50	9.00	50.00	
Brown's Best 16% Protein Dairy Feed					Analysis ¹⁶⁰	19.40	3.43	9.56	56.50	4
.....	16.00	2.50	14.50	45.00	Texo 16% Protein Dairy Feed.....	16.00	3.00	9.00	47.00	
Analysis.....	19.50	2.66	11.02	47.25	Analysis.....	17.40	3.08	8.74	49.80	Cal
Brown's Best 38% Protein Hog Supplement.....	38.00	4.50	9.00	18.50	Texo 18% Protein Dairy Feed.....	18.00	3.00	9.00	46.00	
Analysis ¹⁴⁸	38.25	4.01	9.45	23.14	Analysis.....	16.40	2.15	10.76	48.70	1
Brown's Best Hog Feed.....	14.00	3.50	7.00	52.00	Analysis.....	16.60	3.06	10.67	50.55	1
Analysis ¹⁴⁹	16.70	4.72	6.32	54.54	Analysis ¹⁶¹	19.30	3.98	9.32	41.44	1
Bryan Cotton Oil & Fertilizer Company					Texo Pig and Sow Ration.....	24.00	3.50	6.00	40.00	1
Bryan, Texas					Analysis.....	27.80	3.90	5.45	43.20	1
Star Brand Special 18.50% Protein					Texo 20% (Equivalent) Protein Drought					1
Dairy Feed.....	18.50	3.50	14.00	45.00	Emergency Feed-Range ¹⁶²	20.00	2.50	3.50	57.00	
Analysis.....	16.73	3.11	10.84	48.44	Analysis ¹⁶³	23.00	3.54	5.66	51.90	
Analysis.....	18.55	4.46	11.32	48.72	Texo 20% Protein Range Feed.....	20.00	3.00	8.00	48.00	
Dansby's Special Dairy Feed.....	16.00	3.00	10.50	48.50	Analysis.....	20.00	3.27	8.67	45.15	
Analysis.....	16.50	3.49	9.40	50.21	Texo Work-Saver Vita-Plus Brand 20%					
Bryan Feed & Seed Co., Inc., Bryan, Texas					Protein Range Concentrate.....	20.00	2.00	8.00	26.00	
O-K Brand 16% Protein Dairy Feed.....	16.00	2.80	13.00	47.00	Analysis ¹⁶⁴	20.00	2.61	4.78	27.05	
Analysis ¹⁵⁰	17.70	3.05	9.03	50.00	¹⁴¹ Found, not claimed: rice bran.					
O-K Brand Developer Mash.....	19.50	3.50	6.50	49.50	¹⁴² Feed not registered.					
Analysis.....	18.00	4.02	7.18	52.77	¹⁴³ Not tagged but tags furnished.					
O-K Brand 20% Protein Egg Mash.....	20.00	3.50	8.00	44.00	¹⁴⁴ Found, not claimed: pulverized oats.					
Analysis.....	18.50	3.82	5.91	52.47	¹⁴⁵ Guaranty includes 2.20% equivalent protein from .76% urea.					
Analysis.....	21.60	3.93	6.06	51.68	¹⁴⁶ Analysis includes .50% equivalent protein from .17% urea. Deficient in urea. Claimed, not found: soybean meal.					
16% Protein Special Dairy Feed.....	16.00	3.00	9.00	51.50	¹⁴⁷ Found, not claimed: pulverized oats and grain sorghum meal.					
Analysis.....	16.50	3.01	6.09	52.02	¹⁴⁸ Found, not claimed: defluorinated phosphate.					
Analysis.....	16.50	3.15	6.72	52.28	¹⁴⁹ Found, not claimed: milo meal, defluorinated phosphate and calcium carbonate.					
Buckeye Cotton Oil Company, The					¹⁵⁰ Calcium carbonate excessive. Found, not claimed: ground beet pulp. Claimed, not found: soybean meal.					
Cincinnati, Ohio					¹⁵¹ Permit number not shown on tag.					
44% Protein Degossypolized Solvent					¹⁵² Found, not claimed: weed seed.					
Extracted Cottonseed Meal.....	44.00	2.00	11.00	28.00	¹⁵⁴ Incorrectly printed tags.					
Analysis ¹⁵¹	45.05	3.25	10.38	26.77	¹⁵⁵ Lint excessive. Found, not claimed: mixed screenings and a trace of fish meal.					
Analysis ¹⁵¹	44.20	3.15	11.32	27.12	¹⁵⁶ Found, not claimed: ground wheat.					
Analysis ¹⁵¹	44.80	3.93	10.00	24.15	¹⁵⁷ Found, not claimed: ground weed seed and a trace of alfalfa meal.					
Buckeye 44% Protein Solvent Extracted					¹⁵⁸ Not tagged.					
Soybean Oil Meal.....	44.00	0.50	7.00	27.00	¹⁵⁹ Claimed, not found: dried skimmed milk, linseed meal and dried yeast. Obsolete tags attached.					
Analysis.....	44.50	.56	6.27	30.79	¹⁶⁰ Found, not claimed: a trace of dried whey, and traces of fish meal. Claimed, not found: dried skimmed milk. Not tagged but tags furnished.					
Analysis ¹⁵²	45.40	.77	6.56	31.64	¹⁶¹ Obsolete tags attached.					
Analysis.....	44.50	.50	6.32	31.51	¹⁶² Guaranty includes 6.78% equivalent protein from 2.33% urea.					
Analysis.....	45.10	1.19	6.30	31.55	¹⁶³ Analysis includes 7.20% equivalent protein from 2.48% urea. Urea excessive. 70.22% corn meal found.					
Analysis.....	44.65	.48	5.32	32.56	¹⁶⁴ Claimed, not found: brewers' dried grains. Salt guaranteed 33.0% found 31.5%. Obsolete tags attached.					
Analysis.....	46.00	.73	6.25	31.95						
Buda Milling Company, Buda, Texas										
Hog Feed.....	15.00	3.00	4.50	52.00						
Analysis.....	14.80	3.88	4.34	60.98						

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Harris Feed Mills, Fort Worth, Texas —Continued					Callahan County Farmers Cooperative, Inc., Baird, Texas—Continued				
00 Texo Turkey Balancer Pellets	30.00	2.50	7.00	33.00	Callahan Brand 17% Protein Caged Layer All-Mash	17.00	3.00	5.00	55.00
85 Analysis	30.72	4.64	5.69	36.78	00 Analysis	17.60	3.11	3.66	58.99
00 Texo Turkey Growing Mash	20.50	2.50	4.50	50.00	05 Callahan Brand 20% Protein Range Feed Cubes	20.00	3.00	8.00	50.00
00 Analysis	20.50	3.39	3.97	53.06	00 Analysis	22.00	1.87	7.02	53.15
00 Texo Turkey Starter	28.00	2.00	4.50	44.00	00 Callahan Brand 36% Protein Hog Concentrate	36.00	4.00	10.00	21.00
00 Analysis	26.63	3.36	5.00	45.99	00 Analysis	38.30	4.11	8.99	26.76
00 Analysis ¹⁶⁵	29.00	3.25	4.85	43.40	Cameron Feed Mills, North Little Rock, Ark				
00 Texo Broiler Mash—Containing Arsenic Acid	21.00	2.50	4.00	52.00	Prime Quality Brand Cattle Cubes	20.00	4.00	10.00	43.00
00 Analysis	21.70	3.73	4.31	52.01	00 Analysis ¹⁷⁰	20.50	5.79	8.31	43.18
00 Texo Broiler Mash—Containing Nitrophenide	21.00	2.50	4.00	52.00	00 Analysis	22.00	5.76	8.74	42.66
00 Analysis	22.40	3.83	3.35	51.67	00 Analysis	21.70	6.22	8.62	44.39
50 Texo Broiler-Finisher All-Mash—Containing Nitrophenide	18.00	2.50	4.00	55.00	Prime Quality Brand Turkey Grower All-Mash—Containing 3-Nitro-4-Hydroxyphenylarsonic Acid	18.00	3.00	7.00	50.00
00 Analysis	19.30	4.57	3.25	56.26	00 Analysis ¹⁷⁰	19.85	3.42	6.34	52.50
00 Texo Chick Starter—Containing Nitrophenide	21.00	2.50	4.50	52.00	Campbell & Sons, L. H., Davidson, Okla.				
00 Analysis	22.00	3.61	3.93	53.51	Alfalfa Meal	13.00	1.50	33.00	35.00
Harris Mill & Elevator Company, Fort Worth, Texas					00 Analysis ¹⁷¹	16.30	2.57	25.07	37.06
00 Wheat Bran and Screenings	14.50	3.50	10.00	50.00	00 Analysis ¹⁷²	17.20	3.16	24.62	36.13
00 Analysis	15.50	3.25	10.95	53.65	00 Analysis ¹⁷⁰	15.60	2.00	32.57	32.92
00 Analysis	16.00	4.07	10.49	55.03	00 Analysis ¹⁷⁰	15.65	4.92	28.62	32.68
00 Wheat Gray Shorts and Screenings	15.00	3.50	6.50	55.00	00 Analysis ¹⁷⁰	17.65	1.93	20.20	35.64
00 Analysis	15.60	3.89	6.42	58.08	00 Analysis ¹⁷³	17.30	2.17	24.94	37.96
00 Analysis	16.30	4.11	7.09	58.95	Camp Cotton Oil Co., S. A., Cawelo, Calif.				
00 Analysis	17.00	4.67	6.47	57.36	Campco Brand 41% Protein Cottonseed Meal	41.00	4.00	13.00	0.00
00 16% Protein Wheat Gray Shorts and Screenings	16.00	3.50	6.50	55.00	00 Analysis ¹⁷⁴	39.20	4.77	13.00	30.44
00 Analysis	16.50	4.06	7.12	58.27	Cargill, Inc., Minneapolis, Minnesota				
Byers Farm Store, Celeste, Texas					44% Protein Solvent Process Soybean Meal	44.00	0.50	7.00	29.00
Byers' Special 16% Protein Dairy Feed	16.00	3.00	14.00	47.00	00 Analysis ¹⁷³	44.80	2.40	6.68	30.03
00 Analysis	19.10	4.18	11.20	50.05	00 Analysis	44.50	1.54	5.64	33.51
00 Chowmix Growing Mash	17.00	3.00	7.00	51.00	00 Analysis ¹⁶⁸	44.20	2.17	6.52	32.02
00 Analysis ¹⁷⁵	19.40	4.27	4.82	55.19	00 Analysis ¹⁶⁸	46.20	1.70	5.86	30.20
00 Chowmix Hog Feed L	14.00	3.00	7.00	56.00	Cargill's 44% Protein Solvent Extracted Soybean Meal	44.00	0.50	7.00	27.00
00 Analysis ¹⁶⁶	15.70	3.50	3.31	63.23	00 Analysis ¹⁷⁵	46.10	1.38	6.28	31.72
00 Chowmix Laying Mash O	18.00	3.00	8.00	48.00	00 Analysis ¹⁷⁶	47.60	2.02	6.08	29.60
00 Analysis	19.10	3.71	4.50	53.59	00 Analysis ¹⁷⁶	46.10	1.53	6.76	30.12
Adco-Desoto Cotton Oil Co., Inc., Shreveport, Louisiana					00 Analysis ¹⁷⁷	42.60	2.85	6.31	28.81
41.2% Protein Ground Cottonseed Feed	41.12	5.00	14.00	26.00	Caro-Green, Inc., Kansas City, Missouri				
00 Analysis	41.20	7.07	10.60	26.50	Caro-Green Brand Dehydrated Alfalfa Leaf Meal	20.00	2.50	18.00	35.00
Callahan County Farmers Cooperative, Inc., Baird, Texas					00 Analysis ¹⁶⁸	20.10	3.87	19.01	35.52
14% Protein Hog Fattener	14.00	3.00	5.50	61.50	00 Analysis ¹⁶⁸	20.80	3.41	17.96	37.20
00 Analysis	16.40	3.87	4.67	59.76	Cassidy Feed Mills, Richardson, Texas				
16% Protein Sow and Pig Feed	16.00	3.00	6.00	55.50	Ear Corn Chop With Husk	8.00	3.00	10.00	65.00
00 Analysis	17.35	3.72	6.61	56.45	00 Analysis	9.70	3.12	8.02	66.08
9% Protein Sweet Feed	9.00	1.00	24.50	46.00	00 Milo Meal	10.00	2.50	3.00	70.00
00 Analysis ¹⁶⁷	11.20	1.38	22.95	50.04	00 Analysis ¹⁶⁸	11.30	2.82	2.85	73.81
16% Protein Dairy Feed	16.00	2.50	9.00	52.00	00 Ground Oats and Screenings	9.00	2.50	15.00	45.00
00 Analysis	18.47	3.63	9.45	51.04	00 Analysis ¹⁷¹	10.60	4.50	10.39	60.66
18% Protein Dairy Feed	18.00	3.00	10.50	49.00	Cedar Creek Dehydrating Co., Trinidad, Texas				
00 Analysis	21.45	3.20	9.06	48.68	15% Protein Dehydrated Alfalfa Meal	15.00	1.50	30.00	35.00
Callahan Brand 16% Protein Laying All-Mash	16.00	3.00	7.50	54.00	00 Analysis	19.40	3.49	23.90	37.17
00 Analysis	17.40	3.58	5.48	54.28	00 17% Protein Dehydrated Alfalfa Meal	17.00	1.50	27.00	38.00
Callahan Brand 20% Protein Laying Mash	20.00	3.50	7.50	46.00	00 Analysis	20.50	2.83	24.46	35.82
00 Analysis	21.50	4.11	5.33	49.64	Cen-Tex Cooperative Oil Mill, Thorndale, Texas				
16% Protein Special Dairy Feed	16.00	2.80	11.00	50.00	41% Protein Cottonseed Meal	41.00	3.50	12.00	25.00
00 Analysis	17.60	2.80	8.94	51.33	00 Analysis	40.90	4.34	14.56	27.25
Callahan 18% Protein Special Dairy Feed	18.00	2.50	10.00	48.50	00 Analysis	42.40	5.06	11.28	27.75
00 Analysis	20.00	3.46	9.08	49.87	00 Analysis	43.00	5.43	11.78	26.08
Callahan Brand 18% Protein Chick Growing Mash	18.00	3.50	7.00	50.00	00 Analysis	39.00	4.95	12.56	30.36
00 Analysis	20.00	4.22	5.23	50.80	00 Analysis	41.50	4.83	13.62	28.05
00 Analysis ¹⁶⁸	19.70	4.54	4.58	53.86	00 Analysis	42.40	4.92	13.55	26.68
Callahan Brand 20% Protein Chick Starting Mash	20.00	3.50	7.00	49.00	¹⁶⁵ Found, not claimed: dried skimmed milk.				
00 Analysis	21.40	4.40	5.29	51.01	¹⁶⁶ Found, not claimed: rice bran. Obsolete tags attached.				
Callahan Brand 34% Protein Poultry Concentrate	34.00	3.50	8.50	24.50	¹⁶⁷ Percentage of cottonseed hulls exceeds guaranty. Percentage of ground grain sorghum less than guarantee. Found, not claimed: bone meal, pulverized oats and gin trash.				
00 Analysis	35.50	3.63	7.17	29.13	¹⁶⁸ Not tagged but tags furnished.				
Callahan Brand 20% Protein Turkey Growing Mash	20.00	3.50	7.50	46.00	¹⁶⁹ Found, not claimed: cottonseed meal.				
00 Analysis	20.00	3.88	5.67	50.29	¹⁷¹ Infested with mold.				
Callahan Brand 26% Protein Turkey Starting Mash	26.00	4.00	6.50	42.50	¹⁷² Infested with mold. Not tagged but tags furnished.				
00 Analysis ¹⁶⁹	27.00	5.69	5.65	45.72	¹⁷³ Found, not claimed: ground cereal and pasture grasses. Heavily infested with molds.				
Callahan Brand 22% Protein Turkey Finisher	22.00	3.00	7.50	45.00	¹⁷⁴ Lint excessive. Not registered.				
00 Analysis	22.20	3.76	6.58	47.91	¹⁷⁵ Obsolete tags attached.				
Callahan Brand 16% Protein Dairy Feed No. 2	16.00	3.00	9.50	50.00	¹⁷⁶ Not tagged.				
00 Analysis	16.20	3.04	8.93	53.78	¹⁷⁷ Mutilated tags attached.				
Callahan Brand 18% Protein Dairy Feed No. 1	18.00	3.00	10.00	47.00					
00 Analysis	18.10	4.81	8.75	49.30					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Central Feed & Seed Co., Austin, Texas					Clark Company, H. E., Winfield, Kansas				
Royal Brand 20% Protein Laying Mash	20.00	3.50	8.00	42.00	13% Protein Suncured Alfalfa Meal	13.00	1.50	33.00	35.00
Analysis	19.50	6.47	7.89	41.69	Analysis ¹⁹¹	15.20	1.36	31.90	33.10
Central Hide and Rendering Company					Analysis ¹⁹¹	14.30	2.15	28.15	35.20
Wichita Falls, Texas					Analysis	15.80	1.63	29.78	35.10
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	15% Protein Dehydrated Alfalfa Meal	15.00	1.50	30.00	35.10
Analysis ¹⁷⁸	46.90	13.88	3.98	4.64	Analysis ¹⁹¹	15.60	1.70	29.50	34.10
Analysis ¹⁷⁹	49.20	11.45	2.93	4.21	Hecco Brand 17% Protein Dehydrated				
Analysis ¹⁸⁰	50.40	15.62	3.77	4.02	Alfalfa Meal	17.00	1.50	27.00	35.10
Analysis ¹⁸¹	52.60	12.84	2.95	1.66	Analysis ¹⁹¹	16.40	2.09	24.41	36.50
Analysis ¹⁸²	52.50	17.54	2.23	3.01	Analysis ¹⁹¹	18.00	2.01	22.68	36.20
Analysis ¹⁸¹	48.00	13.59	3.00	3.07	Clement Feed Mill, Waco, Texas				
Analysis ¹⁸¹	45.80	16.65	4.09	3.82	Border Brand 20% Protein Laying Mash	20.00	3.00	7.50	48.00
Analysis ¹⁸³	50.80	13.76	3.15	4.27	Analysis	20.25	3.70	7.03	49.80
Chaney & Kingsbury Feed Mill					Analysis	20.90	4.94	5.84	50.80
Kerrville, Texas					Border Brand Egg All-Mash	15.00	3.50	7.50	49.00
Metabolizer Brand Horse and Mule Feed	10.00	3.00	8.00	52.00	Analysis ²⁰³	17.70	3.90	5.09	54.40
Analysis	12.20	4.52	7.91	60.91	Polka Dot Growing Chick Mash	17.50	2.50	6.50	51.40
Chapman Grain, Inc., Hondo, Texas					Analysis	20.00	3.80	5.12	52.20
Ground Milo	10.00	2.50	3.00	70.00	Border Brand 16% Protein Dairy Ration	16.00	3.00	21.50	39.00
Analysis	11.50	2.76	2.64	68.52	Analysis	21.50	3.13	9.61	47.00
Analysis ¹⁸⁴	12.90	2.61	2.85	68.75	Polka Dot 18% Protein Dairy Feed	18.00	3.00	11.50	48.00
Very Good Brand Ear Corn Chop With					Analysis	18.10	3.13	10.77	47.80
Husk	8.00	3.00	10.00	65.00	Polka Dot 20% Protein Range Feed	20.00	2.70	8.00	51.00
Analysis ¹⁸⁵	8.40	2.80	11.03	65.14	Cubes	22.20	3.38	6.84	50.20
Analysis ¹⁸⁶	8.50	2.80	10.70	66.34	Analysis	12.50	1.70	18.50	49.00
Analysis ¹⁸⁷	9.00	1.10	34.00	31.50	Polka Dot Steer Fattener	16.40	2.41	15.64	50.10
Texas Brand 9% Protein Cow Feed	8.50	1.39	32.21	32.74	Analysis ²⁰⁴	15.60	3.02	14.03	52.00
Analysis	7.50	1.38	32.11	34.80	Polka Dot 20% Protein Laying Mash	20.00	3.00	7.50	46.00
Analysis ¹⁸⁷	8.50	1.39	32.21	32.74	Analysis	20.90	3.71	6.50	53.00
Texas Brand 20% Protein Grow Mash	20.00	3.00	6.50	50.00	Kendrick Special Steer Fattener	12.00	2.00	15.00	53.00
Analysis	23.10	3.07	5.26	52.18	Analysis	13.70	2.79	12.77	54.40
13% (Equivalent) Protein Steer Feed ¹⁸⁸	13.00	1.00	24.50	40.00	Clement Grain Company, Mart, Texas				
Analysis ¹⁸⁹	15.75	1.75	23.15	39.85	41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Texas Brand Laying Mash	19.00	3.50	8.00	48.00	Analysis	40.00	6.26	14.52	27.10
Analysis	19.10	4.79	6.33	52.83	Analysis	40.80	4.40	14.45	28.80
Analysis	20.70	4.40	5.90	49.05	Analysis ¹⁹¹	39.40	4.94	13.07	29.50
Texas Brand 16% Protein Cow Feed	16.00	2.50	11.00	49.00	Analysis	41.20	6.55	12.18	27.70
Analysis ¹⁹⁰	16.45	3.10	11.16	52.13	Analysis	40.10	5.75	13.00	28.30
Analysis ¹⁹¹	16.40	3.12	8.94	52.86	Analysis	42.00	7.02	10.50	27.20
Check-R-Board, Dallas, Texas					Analysis	43.60	6.29	11.98	25.30
Chowmix Hog Finishing Feed	14.00	3.00	6.00	60.00	Clement Grain Company, Waco, Texas				
Analysis ¹⁹²	14.50	3.17	5.30	61.48	41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Cherokee Feed Mill, Jacksonville, Texas					Analysis ¹⁹¹	40.80	5.01	14.27	27.20
Cherokee Chief Hog Feed	14.00	3.00	6.50	52.00	41% Protein Cottonseed Pellets	41.00	5.00	12.00	25.00
Analysis ¹⁹³	15.50	4.31	5.21	59.15	Analysis ²⁰⁶	41.30	2.42	14.25	29.13
Cherokee Chief 16% Protein Dairy Feed	16.00	3.00	13.00	47.00	Polka Dot 18% Protein Dairy Feed	18.00	3.00	11.50	48.00
Analysis ¹⁹⁴	17.00	3.68	10.64	50.38	Analysis	20.90	4.26	9.74	47.40
Chesser & Co., L. H., Nixon, Texas					Coats Feed and Supply				
Chesser's Special Broiler Mash	20.00	3.50	4.00	50.00	Mount Enterprise, Texas				
Analysis	21.02	3.18	5.07	58.55	Coats Brand Broiler Feed—Containing				
Chickasha Cotton Oil Co., Chickasha, Okla.					Sulfaquinolaxaline	20.00	2.50	5.00	52.00
Chic-O-Line Brand 41% Protein Cottonseed Meal	41.00	4.00	13.00	25.00	Analysis	21.40	3.30	3.85	54.00
Analysis	41.20	4.13	13.00	28.29	¹⁷⁸ Paunch content excessive. Fat content excessive. Found, not claimed; ground feathers.				
Analysis ¹⁹¹	38.00	4.04	14.40	32.51	¹⁷⁹ Found, not claimed; ground feathers.				
Analysis	44.00	4.43	11.01	29.29	¹⁸⁰ Found, not claimed; poultry by-product meal.				
Analysis	42.60	4.32	12.29	28.38	¹⁸¹ Fat excessive. Found, not claimed; poultry by-product meal.				
Analysis	42.80	4.02	13.52	22.10	¹⁸² Paunch and fat content excessive. Found, not claimed; poultry by-product meal.				
Chic-O-Line Brand 41% Protein Cottonseed Pellets	41.00	4.00	13.00	25.00	¹⁸³ Paunch and fat content excessive. Found, not claimed; poultry by-product meal, and calcium carbonate.				
Analysis	40.00	4.22	13.43	23.24	¹⁸⁴ Not tagged.				
Analysis	41.60	4.83	12.26	27.07	¹⁸⁵ Infested with mold.				
Chic-O-Line Feed Mills					¹⁸⁶ Ground cob and husk excessive.				
Chickasha, Hobart, Oklahoma					¹⁸⁷ Claimed, not found; milo gluten meal.				
Chic-O-Line 16% Protein Dairy Feed	16.00	2.50	9.00	52.00	¹⁸⁸ Guaranty includes 4.13% equivalent protein from 1.42% urea.				
Analysis	14.55	2.92	6.94	53.50	¹⁸⁹ Analysis includes 5.03% equivalent protein from 1.73% urea. Claimed, not found; soybean meal.				
Analysis	16.00	3.10	8.06	52.63	¹⁹⁰ Found, not claimed; ground peanut hulls and rice bran. Claimed, not found; peanut meal and soybean meal.				
Chic-O-Line Chick Starter	20.00	3.00	7.00	48.00	¹⁹¹ Not tagged but tags furnished.				
Analysis	20.30	4.16	6.49	50.57	¹⁹² Found, not claimed; ground oat groats. Claimed, not found; linseed meal. Correctly printed tags.				
Chic-O-Line Broiler Mash	20.00	3.00	8.00	48.00	¹⁹³ Found, not claimed; grain sorghum meal.				
Analysis ¹⁹⁵	20.45	3.98	6.05	51.25	¹⁹⁴ Found, not claimed; ground brewers' dried grains.				
Chic-O-Line Growing Mash	18.00	3.00	8.00	50.00	¹⁹⁵ Incorrectly printed tags.				
Analysis ¹⁹⁶	18.00	4.33	5.96	54.68	¹⁹⁶ Claimed, not found; dried whey and dried buttermilk. Incorrectly printed tags.				
Analysis ¹⁹⁶	18.20	4.23	6.13	53.58	¹⁹⁷ Obsolete tags attached.				
Chic-O-Line 20% Protein Laying Mash	20.00	3.00	7.00	49.00	¹⁹⁸ Not made according to registered formula. Obsolete tags attached.				
Analysis ¹⁹⁷	21.50	3.58	5.69	50.26	¹⁹⁹ Found, not claimed; ground barley and ground rye.				
Analysis ¹⁹⁸	21.50	3.26	6.23	50.67	²⁰⁰ Not made according to registered formula. Calcium carbonate excessive.				
Chic-O-Line Laying Mash	20.00	3.00	8.00	47.00	²⁰³ Found, not claimed; linseed meal.				
Analysis ¹⁹⁹	20.70	3.45	6.91	51.55	²⁰⁴ Not made according to registered formula.				
Chic-O-Line Coat-O-Fat Brand Livestock Feed	11.00	2.50	8.00	46.00	²⁰⁶ Infested with mold. Not tagged.				
Analysis ²⁰⁰	10.25	3.52	5.79	63.01					
Chic-O-Line 20% Protein Range Cattle Feed Pellets	20.00	2.50	8.00	45.00					
Analysis	20.00	3.38	8.00	49.50					
Chic-O-Line Start-To-Finish All-Mash	18.00	3.00	7.00	48.00					
Analysis	19.60	4.31	6.46	51.72					
Cisco Peanut Company, Cisco, Texas									
41% Protein Peanut Meal	41.00	5.00	16.00	25.00					
Analysis	40.40	9.74	12.39	23.85					
Analysis ¹⁸⁴	46.90	9.01	5.07	25.33					
Analysis	40.00	7.39	14.51	25.35					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Manoucher's Feed Store, Decatur, Texas					Cooper Feed and Supply Co., Cooper, Texas				
The Big 9 Laying Mash	18.00	3.70	7.50	45.00	Cow Pie	13.00	2.00	36.00	36.00
Analysis	18.60	4.51	6.00	53.32	Analysis	12.00	2.07	34.70	37.93
Schran Bros. Farm Store, Henderson, Tex.					Al-Co Cow Pie	16.00	2.50	23.50	40.00
18% Protein Cow Feed	16.00	3.00	17.50	44.00	Analysis	17.30	3.58	18.99	40.78
Analysis ²⁰⁷	16.00	4.51	22.46	37.98	Cordova Grain Co., Bridgeport, Texas				
Dairy Feed	18.00	3.00	12.00	48.00	Cordova's De-Brand Dairy Feed	16.00	3.00	13.00	48.00
Analysis ²⁰⁷	16.70	3.02	14.70	46.84	Analysis ²¹⁸	16.00	2.69	15.32	47.99
Wheeler Grain Company, Muskogee, Okla.					Corn Products Refining Co., New York, N.Y.				
20% Protein Dehydrated Alfalfa Meal	20.00	2.00	18.00	40.00	Corpustar Brand Milo Gluten Feed	23.00	2.00	12.00	41.00
Analysis ²¹⁵	20.45	3.10	21.90	35.29	Analysis	24.40	3.27	7.61	47.05
Wheeler & Company, R. L., Krum, Texas					Analysis	25.70	4.71	7.02	46.06
Thrifty Mix Brand Dairy Feed Number 116	16.00	3.00	10.00	55.00	Analysis	25.85	2.75	7.02	46.52
Analysis ²⁰⁸	17.20	3.84	10.00	52.05	Analysis	25.35	2.75	7.75	46.11
Wilms-Maddox Mills, The, Canadian, Tex.					Analysis	26.80	2.98	8.36	47.14
Triple C Hold-Em Brand Roughage Feed	10.00	1.00	30.00	38.00	Analysis	28.05	2.94	7.66	44.54
Analysis	11.25	1.34	28.85	42.66	Analysis	27.00	2.33	6.77	44.14
Triple C Brand Laying Mash	20.00	3.00	8.00	47.50	Analysis	27.00	2.99	8.47	41.99
Analysis	19.40	4.00	7.15	53.50	Analysis	26.20	4.19	8.49	39.47
Triple C Brand Laying All-Mash	15.00	2.50	8.00	55.00	Analysis	27.30	3.13	6.60	44.09
Analysis	17.90	3.91	5.52	50.53	Analysis	27.20	3.03	7.99	46.15
Triple C Brand Horse and Mule Feed	10.00	2.00	12.00	56.00	Analysis	24.40	3.13	7.88	46.97
Analysis ²⁰⁹	12.80	3.39	7.07	61.60	Analysis	26.00	3.68	7.67	44.23
Hammer-Larabee Milling Company					Analysis	25.00	3.00	8.93	46.33
General Offices, Minneapolis, Minn.					Diamond Brand 41% Protein Corn Gluten Meal	41.00	1.00	6.00	34.00
Larabee Sunfed Poultry Flakes	15.00	4.00	6.00	56.00	Analysis ²¹⁹	40.20	1.07	5.69	37.89
Analysis ²¹⁰	15.30	3.99	3.78	60.81	Milo Sugar Molasses	0.25	0.00	0.00	65.00
Commercial Solvents Corporation					Analysis ²²⁰	0.00	0.00	0.00	0.00
Terre Haute, Indiana					Analysis ²²¹	0.00	0.00	0.00	0.00
Corn Distillers' Dried Grains	28.00	6.00	17.00	26.00	Analysis ²²²	.80	0.00	0.00	0.00
Analysis ²¹¹	29.95	8.24	14.90	38.52	Analysis ²²³	.50	0.00	0.00	0.00
Como Feed Mills, Como, Texas					Corsicana Poultry and Egg Co.				
Como 16% Protein Special Dairy Feed	16.00	3.00	12.00	49.00	Corsicana, Texas				
Analysis	19.20	3.47	11.29	48.97	4H Brand Broiler Ration — Containing Nitrophenide	20.00	3.50	5.00	50.00
Dairy Queen Brand 18% Protein Dairy Feed	18.00	3.00	11.00	47.00	Analysis	21.70	3.55	3.80	52.49
Analysis ²¹²	20.20	3.83	11.26	48.56	Coryell County Cotton Oil Company				
Consolidated Chemical Industries, Inc.					Gatesville, Texas				
Southern Division, Houston, Texas					41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Texas Lone Star 25% Protein New-Process Steamed Bone Meal	25.00	0.20	3.00	0.00	Analysis	41.25	5.03	13.11	27.45
Analysis ²¹³	27.50	1.08	1.44	.72	Analysis	42.00	5.57	11.79	28.11
Analysis ²¹⁴	27.60	1.66	2.43	2.60	Analysis	41.00	4.96	11.79	30.67
Consolidated Flour Mills Co., The					Analysis	42.10	4.58	11.90	29.63
Wichita, Kansas					Analysis	41.80	4.88	11.01	29.26
Wheat Bran and Screenings	14.50	3.00	10.00	50.00	Crawford Grain Co., Houston, Texas				
Analysis	16.10	3.82	10.00	52.91	Alfalfa Meal and Cane Molasses	10.30	1.10	25.00	42.50
Analysis ²¹⁵	16.20	4.23	8.83	57.43	Analysis	12.00	1.64	19.31	42.77
Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00	Daisy Brand Dairy Feed	17.50	3.50	13.50	41.50
Analysis	17.10	4.05	5.92	56.39	Analysis ²²⁴	20.10	4.07	10.78	42.26
Analysis	17.70	4.32	5.48	58.92	Crawford's Special Dairy Feed	18.00	3.50	13.00	46.00
Analysis	17.08	3.96	5.94	56.95	Analysis ²⁰⁷	20.00	3.34	12.30	45.57
Analysis	16.80	3.55	6.88	58.35	Analysis	18.00	4.27	12.00	47.93
Analysis ²¹⁵	18.00	3.74	6.57	57.15	Analysis ²²⁶	22.00	3.96	7.14	48.03
Analysis	17.50	4.25	6.15	58.11	Analysis	21.00	4.25	7.71	48.45
Analysis ²¹⁵	17.40	4.00	6.00	57.69	Analysis	17.00	3.50	6.00	50.00
Consolidated Products Co., Danville, Ill.					Analysis	20.50	4.06	6.00	49.28
Consolidated's Dried Whey	12.00	0.50	0.00	70.00	Challenger Brand Cow Feed	14.00	2.50	11.00	51.00
Analysis ²¹⁵	12.05	1.07	0.25	71.66	Analysis ²²⁷	16.00	2.57	9.52	52.32
Continental Oil-Cotton Company					Analysis ²²⁸	16.00	2.75	9.06	52.43
Colorado City, Texas					Crete Mills, The, Crete, Nebraska				
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00	Victor Crete Fatener	13.00	4.00	8.00	54.00
Analysis	43.00	4.35	12.57	29.33	Analysis	13.50	5.17	6.63	56.54
Analysis	41.15	4.39	14.66	30.43	Analysis	14.50	5.13	6.79	55.92
Analysis	43.20	4.13	13.45	30.08	²⁰⁷ Not made according to registered formula.				
Analysis	42.40	4.50	14.23	29.17	²⁰⁸ Found, not claimed: alfalfa meal.				
Converted Rice, Inc., Houston, Texas					²⁰⁹ Found, not claimed: cottonseed meal.				
Rice Bran, Rice Polishings and Calcium Carbonate	11.00	17.00	11.00	22.00	²¹⁰ Feed not registered.				
Analysis ²¹⁶	11.60	18.41	9.65	22.35	²¹¹ Not registered.				
Frank & Co., R. B., Gilmer, Texas					²¹² Found, not claimed: milo gluten feed. Claimed, not found: milo meal.				
Hi-Power Brand 16% Protein Dairy Feed	16.00	3.00	9.50	50.00	²¹³ Minimum calcium guaranteed 19.3%, found 23.14%. Minimum phosphorus guaranteed 10%, found 10.66%.				
Analysis	17.00	3.85	9.26	52.30	²¹⁴ Minimum calcium guaranteed 19.3%, found 22.14%. Minimum phosphorus guaranteed 10%, found 9.43%.				
Hi-Power Brand 12.50% Protein Dry and Freshening Feed	12.50	2.50	10.00	48.00	²¹⁵ Not tagged but tags furnished.				
Analysis	13.30	3.07	9.72	55.64	²¹⁶ Minimum calcium guaranteed 10%, found 10.14%.				
Hi-Power Brand 12.50% Protein Calf Creep Feed	12.50	3.00	9.00	53.00	²¹⁷ Obsolete tags attached.				
Analysis	13.75	3.65	7.69	57.46	²¹⁸ Found, not claimed: cottonseed hulls.				
Queen Cotton Oil Co., Cooper, Texas					²¹⁹ Not tagged.				
Queen Bess Cow Feed	20.00	3.00	15.00	43.00	²²⁰ Degrees Brix: 76.8.				
Analysis ²¹⁷	20.80	4.29	12.35	46.01	²²¹ Degrees Brix: 80.0.				

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitro-free extract		Crude protein	Crude fat	Crude fiber	Nitro-free extract
Crete Mills, The, Crete, Nebraska —Continued					Dawe & Son, Thos., Gonzales, Texas —Continued				
Victor Hi Las Brand Nibbles.....	12.00	1.00	10.00	54.50	Dawe's Special Starter and Developer..	20.00	3.50	7.00	52.00
Analysis ²²⁹	15.80	3.89	8.13	55.53	Analysis.....	20.50	3.14	4.06	54.10
Victor Pig Starter Pellets.....	18.00	3.00	6.00	50.00	Dawn Co-Op, Dawn, Texas				
Analysis ²³⁰	18.50	4.58	6.24	54.86	Ear Corn Chop With Husk.....	8.00	2.50	10.00	65.00
Crowley Feed Company, San Antonio, Tex.					Analysis ²⁴³	7.30	3.98	7.76	65.11
Crowley's Ground Oats.....	11.00	4.00	12.00	58.00	Analysis ²⁴⁴	8.00	3.25	11.08	61.57
Analysis.....	11.70	5.25	13.35	57.19	Analysis ²⁴⁵	8.00	2.87	9.12	64.01
Crowley's Economy Brand 16% Protein Dairy Ration.....	16.00	2.50	20.00	39.50	Dawson Feed Mill, Cedar Hill, Texas				
Analysis ²³¹	14.45	2.51	11.27	50.82	Blue Diamond Brand Laying Mash.....	20.00	3.50	7.00	45.50
Crowley's Economy Brand Laying Mash.....	20.00	3.00	8.00	41.00	Analysis.....	22.35	3.50	7.00	48.00
Analysis ²³²	22.00	5.98	6.57	44.64	Delta Feed & Seed, Edcouch, Texas				
Crowley's 15% Protein Hog Feed.....	15.00	4.50	8.00	49.00	Delta Pride Big "D" Brand Feed.....	11.00	1.70	27.00	45.00
Analysis ²³³	17.70	9.14	7.85	46.68	Analysis.....	12.20	2.00	26.06	44.00
Crowley's Nifty Brand Sweet Feed.....	9.00	1.80	33.50	37.00	Delta Pride Brand 16% Protein Dairy Feed.....	16.00	3.00	8.50	51.00
Analysis ²³⁴	9.00	2.47	23.28	43.43	Analysis ²³⁴	18.62	3.74	7.09	51.00
Crowley's Economy Brand 20% Protein Range Feed Cubes.....	20.00	2.80	7.00	48.00	Delta Milling Company, Delta, Utah				
Analysis ²³⁵	19.50	3.41	8.13	49.03	Evergreen Brand Alfalfa Meal (Coarsely Ground).....	15.00	1.50	28.00	35.00
Cuero Cotton Oil & Manufacturing Co., Cuero, Texas					Analysis ²⁴⁷	16.00	2.46	24.72	37.00
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	Evergreen Brand 13% Protein Alfalfa Meal (Coarsely Ground).....	13.00	1.00	33.00	35.00
Analysis.....	39.80	5.04	13.00	29.45	Analysis ²⁴⁸	16.40	1.77	23.85	35.00
Analysis.....	42.15	5.19	11.76	29.31	Delta Oil Mill, Inc., Jonestown, Miss.				
Analysis.....	42.95	5.88	11.93	28.37	41% Protein Cottonseed Meal.....	41.00	3.00	14.00	25.00
Analysis.....	42.20	5.07	12.48	28.39	Analysis ²⁴⁹	41.00	4.60	9.97	29.70
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00	Dennard Farm Store, Whitesboro, Texas				
Analysis.....	40.60	5.35	12.54	28.51	36% Protein Hog Supplement.....	36.00	2.50	7.50	24.00
Analysis.....	40.10	5.03	13.22	26.26	Analysis.....	33.00	3.68	7.48	28.10
Curtis Feed Mills, Inc., Pearsall, Texas					Denton Dairy Co-Operative Association, Denton, Texas				
41% Protein Peanut Meal.....	41.00	5.00	16.00	25.00	Farmers Dairy Feed.....	16.50	3.50	12.00	50.00
Analysis.....	39.60	1.48	23.24	24.49	Analysis.....	15.50	3.96	11.09	49.51
Dairy Farmers Cooperative Association, Arcadia, Texas					Farmers Brand Growing Mash.....	20.00	3.30	5.00	51.00
Dairy Farmers Feed Mix Number One (1).....	13.00	3.00	10.00	51.50	Analysis.....	22.00	3.34	3.85	54.25
Analysis.....	14.80	3.41	8.98	53.71	Farmers Brand Hog Feed.....	15.00	3.00	5.50	56.25
Dairy Farmers Feed Mix Number Two (2).....	9.50	3.00	9.00	55.00	Analysis ²⁵⁰	17.00	4.09	4.70	56.07
Analysis.....	10.80	4.46	8.04	58.28	Denver Flour Mills Co., The, Denver, Colo.				
Dairy Farmers Feed Mix Number Ten (10).....	11.00	1.00	30.00	39.00	Wheat Bran and Screenings.....	14.50	3.50	10.00	53.00
Analysis.....	11.00	1.07	28.00	45.22	Analysis ²⁵¹	16.50	4.24	8.75	56.36
Dairy Farmers Feed Mix Number Twelve (12).....	18.00	3.50	12.50	44.00	Des Moines Oat Products Company, Des Moines, Iowa				
Analysis.....	19.45	4.44	9.08	49.59	Demon Brand Pulverized Whole Oats...	11.00	4.00	12.00	58.00
Analysis.....	20.30	3.76	8.28	46.33	Analysis.....	11.75	4.45	12.00	56.67
Dairy Farmers Feed Mix Number Thirteen (13).....	16.00	3.50	12.00	45.00	Analysis.....	11.20	4.43	14.64	54.04
Analysis.....	17.90	4.33	9.45	45.22	Analysis.....	12.00	4.04	12.99	55.81
Analysis.....	16.90	3.06	10.26	47.61	Devine Mill and Elevator, Devine, Texas				
Dairy Farmers Feed Mix Number Fourteen (14).....	10.00	2.50	11.50	52.00	Sweet Sue Brand 16% Protein Dairy Feed.....	16.00	2.50	10.00	49.00
Analysis ²³⁶	13.30	3.03	10.37	52.92	Analysis.....	17.50	3.22	8.53	51.67
Analysis.....	13.20	3.75	10.13	55.48	Medina Maid Brand Hog Feed.....	14.50	3.30	6.50	57.00
Darragh Co., Little Rock, Arkansas					Analysis.....	16.30	3.33	6.44	57.42
Darco Start-To-Finish Brand All-Mash.....	18.00	3.00	7.00	52.00	Medina Maid Brand 40% Protein Hog Supplement.....	40.00	4.50	10.50	48.50
Analysis ²³⁷	19.20	3.79	5.44	53.76	Analysis.....	41.45	6.67	8.09	23.36
Darragh 7-11 All-Mash Egg Pellets ²³⁸	0.00	0.00	0.00	0.00	Medina Maid Brand Laying Mash.....	18.00	3.30	8.00	47.00
Analysis ²³⁸	17.40	5.37	5.77	52.24	Analysis.....	20.80	4.31	6.11	48.33
Big Value Pellets ²³⁸	0.00	0.00	0.00	0.00	Davis and Deats Feed Store, Big Spring, Texas				
Analysis.....	14.50	4.20	5.58	58.28	Chowmix All-Mash Laying Ration M.....	15.00	3.00	6.00	54.00
Davis and Deats Feed Store, Big Spring, Texas					Analysis ²³⁹	15.60	3.04	3.93	62.37
Davis Feed and Seed Growing Mash.....	18.00	2.50	6.00	50.00	Davis Feed & Seed, Seminole, Texas				
Analysis.....	20.00	2.74	5.83	55.20	Davis Feed and Seed Growing Mash.....	18.00	2.50	6.00	50.00
Davis Feed and Seed Starter Mash.....	20.00	2.80	5.50	50.00	Analysis.....	22.00	3.35	4.90	53.11
Analysis.....	22.00	3.35	4.90	53.11	Davis Feed and Seed 18% Protein Laying Mash.....	18.00	2.50	8.00	50.00
Davis Feed and Seed 18% Protein Laying Mash.....	18.00	2.50	8.00	50.00	Analysis.....	21.00	2.90	6.31	55.82
Analysis.....	21.00	2.90	6.31	55.82	Davis Feed Co., San Antonio, Texas				
Davis Feed Co., San Antonio, Texas					A.C. 18% Protein Dairy Ration.....	18.00	2.50	22.50	35.00
A.C. 18% Protein Dairy Ration.....	18.00	2.50	22.50	35.00	Analysis ²⁴⁰	20.00	3.87	16.89	36.63
Analysis.....	18.50	3.00	7.50	48.00	A.C. Special Laying Mash.....	18.10	4.36	5.40	54.22
A.C. Special Laying Mash.....	18.50	3.00	7.50	48.00	Davis Co., M. H., Little Rock, Arkansas				
Analysis ²³⁴	18.10	4.36	5.40	54.22	41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00
Davis Co., M. H., Little Rock, Arkansas					Analysis.....	41.20	5.33	9.75	30.43
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	Analysis.....	41.80	5.03	11.95	27.53
Analysis.....	41.20	5.33	9.75	30.43	Dawe & Son, Thos., Gonzales, Texas				
Analysis.....	41.80	5.03	11.95	27.53	Dawe's Laying Mash.....	19.00	3.60	7.00	49.50
Dawe & Son, Thos., Gonzales, Texas					Analysis ²⁴²	22.10	4.22	6.31	50.32
Dawe's Laying Mash.....	19.00	3.60	7.00	49.50	Dawe's Starter and Developer.....	20.00	3.00	7.00	50.00
Analysis ²⁴²	22.10	4.22	6.31	50.32	Analysis.....	21.80	4.38	4.28	50.60
Dawe's Starter and Developer.....	20.00	3.00	7.00	50.00	Dawe & Son, Thos., Gonzales, Texas				
Analysis.....	21.80	4.38	4.28	50.60	Dawe's Special Starter and Developer.....	20.00	3.50	7.00	52.00

²²⁹Found, not claimed: cottonseed meal. Sampled before registration.
²³⁰Sampled before registration.
²³¹Infested with mold.
²³²Found, not claimed: pea meal. Obsolete tags attached.
²³³Found, not claimed: pea meal. Claimed, not found: soybean meal. Obsolete tags attached.
²³⁴Not made according to registered formula.
²³⁵Found, not claimed: milo gluten feed. Claimed, not found: milo gluten meal.
²³⁶Found, not claimed: rice bran.
²³⁷Incorrectly printed tags.
²³⁸Feed not registered.
²³⁹Found, not claimed: cottonseed meal. Incorrectly printed tags.
²⁴⁰Found, not claimed: calcium carbonate and bone meal. Claimed, not found: soybean meal.
²⁴¹Found, not claimed: cottonseed meal.
²⁴²Found, not claimed: alfalfa meal and cottonseed meal. Sampled before registration.
²⁴³Found, not claimed: alfalfa meal and cane molasses. Sand and dirt excessive. Incorrectly labeled: guaranty not shown.
²⁴⁴Found, not claimed: alfalfa meal and cane molasses. Rancid odor. Not tagged but tags furnished.
²⁴⁵Misbranded: reduced to fine powder, not coarsely ground.
²⁴⁶Infested with mold.
²⁴⁷Not registered.
²⁴⁸Found, not claimed: fish meal.
²⁴⁹Not tagged but tags furnished.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Dirmeier Feed & Milling Company San Antonio, Texas					Economy Mills, Lubbock, Texas				
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	Continued				
Analysis	9.30	2.85	10.47	63.39	Master Brand Egg Mash	18.00	3.50	8.00	47.00
Analysis ²⁶²	9.00	2.48	11.15	63.97	Analysis	18.90	4.26	6.60	51.03
Dittlinger Roller Mill Company New Braunfels, Texas					Master All-Purpose Brand Stock Feed	11.00	2.60	10.50	56.00
Wheat Gray Shorts	17.00	4.00	6.00	55.00	Analysis ²⁶³	12.40	3.88	6.59	61.80
Analysis	17.35	3.60	6.77	55.93	Everlay D-D Brand Chick Starter	20.00	4.00	8.00	47.00
Analysis	17.10	6.58	7.44	50.14	Analysis	21.10	4.07	5.70	52.13
Analysis	17.80	6.37	5.97	56.28	Analysis	19.60	4.07	5.25	52.90
Analysis	16.20	3.40	5.37	59.32	Everlay D-D Brand Summer Egg Mash	20.00	3.00	7.50	46.00
Dittlinger's Special 18% Protein Dairy Ration	18.00	2.50	18.00	40.00	Analysis ²⁷⁰	19.00	3.81	6.11	54.23
Analysis	20.50	4.34	9.70	47.61	Analysis ²⁶⁹	20.00	3.00	7.50	46.00
Analysis	20.20	4.39	10.76	44.62	Everlay D-D Brand Winter Egg Mash	22.00	4.31	5.70	48.22
Analysis	21.00	3.00	4.50	55.00	Analysis	20.60	4.21	5.82	48.71
Dittlinger's Best Broiler Mash	22.55	3.66	4.01	52.41	Everlay D-D Brand Growing Mash	18.00	3.50	8.00	49.00
Analysis	20.00	3.00	5.50	52.00	Analysis	20.00	4.37	5.85	52.96
Analysis	21.80	3.65	4.57	51.70	Analysis	19.50	4.06	5.49	52.76
Analysis	23.60	4.05	4.43	52.03	Edgewood Milling Co., Edgewood, Texas				
Dittlinger's Best 20% Protein Range Feed Cubes	20.00	3.00	7.50	52.00	Golden Grain Brand 18% Protein Dairy Feed	18.00	3.00	11.00	47.50
Analysis	21.00	5.15	7.24	44.39	Analysis ²⁷¹	18.00	4.35	11.00	48.15
Dittlinger's Best Growing Mash	18.00	3.00	6.00	49.00	Golden Grain Brand 16% Protein Dairy Feed	16.00	2.80	11.00	49.50
Analysis	21.80	3.94	4.29	53.41	Analysis ²⁷²	16.00	3.21	10.26	51.03
Analysis	18.00	3.00	6.00	55.00	Golden Grain Brand Laying Mash	20.00	3.00	8.00	45.00
Analysis	21.75	4.17	4.46	53.05	Analysis	20.95	3.85	5.71	49.47
Analysis	19.70	3.56	4.50	59.75	Golden Grain Brand Starting Mash	20.00	3.30	7.00	49.50
Dittlinger's Best Eclipse Brand Laying Mash	20.00	3.00	6.00	54.00	Analysis ²⁷³	21.15	3.72	5.63	51.26
Analysis	21.70	4.26	5.91	50.95	Edwards' Feed Mills, San Antonio, Texas				
Analysis	21.20	3.08	4.87	51.41	Ear Corn Chop With Husk	8.00	3.00	10.00	65.00
Analysis	21.70	3.35	5.03	52.01	Analysis ²⁷⁴	8.90	3.07	13.28	61.15
Dittlinger's Best Turkey Grow Mash	22.00	3.00	6.00	50.00	Alfalfa Meal and Cane Molasses	11.40	1.20	28.00	39.50
Analysis	25.00	3.72	4.93	50.23	Analysis ²⁷⁵	10.40	1.52	22.08	45.53
Analysis	20.00	4.00	8.00	45.00	Owl Brand 16% Protein Dairy Feed	16.00	3.00	14.00	48.00
Analysis	20.80	7.38	5.93	44.66	Analysis ²⁶⁹	12.20	6.97	11.13	52.03
Dixon Packing Co., Inc., Houston, Texas					Owl Brand 33% Protein Dairy Con- centrate	33.00	3.00	9.50	30.00
Dixco Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	Analysis ²⁶⁹	33.00	5.12	6.03	25.74
Analysis	53.60	10.89	1.88	.15	Owl Brand 36% Protein Hog Supplement	36.00	3.50	7.50	25.00
Dorsey Grain Co., Weatherford, Texas					Analysis ²⁷⁶	33.90	9.41	6.74	22.38
Four Square Egg Mash	19.00	3.50	8.00	45.60	Little Bo-Peep 32% Protein Concentrate For Poultry	32.00	4.50	11.50	25.50
Analysis ²⁵⁸	20.00	4.76	5.88	51.16	Analysis ²⁷⁷	32.30	9.43	6.85	21.74
Dungan Grain & Feed Co., McKinney, Tex.					Little Bo-Peep 16% Protein Dairy Ration	16.00	2.50	18.50	41.00
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	Analysis	16.00	2.53	19.82	42.50
Analysis	9.40	3.52	10.44	65.41	Little Boy Blue Chick Starter	20.00	3.50	7.00	46.00
Dungan's Economy Brand 16% Protein Cow Feed	16.00	3.50	16.00	40.00	Analysis ²⁷⁸	22.20	4.63	7.33	49.06
Analysis	16.20	3.85	14.95	43.35	Little Boy Blue 36% Protein Concentrate For Poultry and Turkeys	36.00	3.30	9.50	23.00
Analysis	16.00	3.00	12.50	48.50	Analysis	36.05	6.53	6.49	22.54
Analysis	16.35	4.70	10.85	51.26	Little Boy Blue 36% Protein Concentrate For Poultry and Turkeys No. 2	36.00	3.30	9.50	23.00
Durant Milling Co., Durant, Oklahoma					Analysis	33.95	6.48	8.06	27.90
Indian Maid Sweet Feed	9.00	2.00	30.00	40.00	Little Boy Blue 18% Protein Dairy Feed	18.00	3.70	13.00	45.00
Analysis	9.00	4.99	29.36	34.88	Analysis ²⁷⁹	18.40	4.35	10.22	46.51
Eager Feed Mill, Stamford, Texas					Milk Mor Brand 16% Protein Dairy Feed	16.00	3.00	12.00	48.00
Hi-Flo Milk-Maker	18.00	3.00	15.00	44.00	Analysis	16.60	4.10	10.99	51.41
Analysis	20.70	3.47	12.29	46.32	262 Found, not claimed: ground hulls and chaff from rice, oats and barley. Light infestation of mold.				
Circle-E Broiler-Grower Mash	20.00	2.50	6.00	47.00	263 Not made according to registered formula.				
Analysis	21.70	4.90	5.69	50.57	264 Found, not claimed: a trace of meat scraps.				
Circle-E Starter Mash	20.00	2.50	6.00	52.00	265 Obsolete tags attached.				
Analysis ²⁶⁰	22.40	4.96	5.57	48.22	266 Found, not claimed: rice bran.				
Circle-E Egg Mash	20.00	3.00	8.00	45.00	267 Found, not claimed: poultry by-product meal.				
Analysis	21.20	4.56	5.89	47.22	268 Incorrectly printed tags.				
Circle-E Hog Feed	16.00	3.00	7.00	54.00	269 Obsolete tags attached.				
Analysis ²⁶¹	17.00	6.97	5.79	58.49	270 Found, not claimed: cottonseed meal.				
East Texas Feed & Supply Co., Athens, Tex.					271 Guaranty includes 5.82% equivalent protein from 2% urea.				
Ranger Brand 18% (Equivalent) Protein Cow Feed ²⁶²	18.00	1.50	21.00	36.00	272 Analysis includes .25% equivalent protein from .09% urea. Not made according to registered formula.				
Analysis ²⁶³	15.40	3.49	11.74	58.15	273 Guaranty includes 5.09% equivalent protein from 1.75% urea.				
Ranger Brand 16% (Equivalent) Protein Cow Feed ²⁶⁴	16.00	1.50	22.50	36.50	274 Analysis includes 5.62% equivalent protein from 1.93% urea. Found, not claimed: corn meal, grain sorghum meal and rice bran.				
Analysis ²⁶⁵	17.00	2.19	18.59	42.82	275 Found, not claimed: fish meal.				
Analysis	10.00	3.00	9.00	57.00	276 Found, not claimed: crimped barley.				
Analysis	10.40	3.54	12.89	57.34	277 Found, not claimed: linseed meal.				
Economy Mills, Lubbock, Texas					278 Found, not claimed: rice bran, lespedeza meal, and pea meal. Claimed, not found: soybean meal and peanut meal.				
Ground Whole Oats	11.00	4.00	12.00	58.00	279 Found, not claimed: rice bran. Claimed, not found: soybean meal and peanut meal.				
Analysis	10.45	5.41	12.00	59.44	280 Found, not claimed: cottonseed meal and poultry by-product meal.				
Lotta Milk Brand Sweet Feed	16.00	2.50	13.50	46.00	281 Found, not claimed: ground rice hulls.				
Analysis	16.00	2.51	11.88	46.77	282 Not tagged but tags furnished.				
Sweet-Milk Brand Sweet Ration	16.00	2.00	20.50	39.00	283 Found, not claimed: peanut meal, meat and bone scraps and poultry by-product meal. Claimed, not found: linseed meal.				
Analysis ²⁶⁷	17.50	2.65	14.13	46.84	284 Found, not claimed: meat and bone scraps and poultry by-product meal.				
Analysis ²⁶⁸	18.50	2.10	14.18	47.85	285 Found, not claimed: pea meal and rice bran.				
Economy Brand Pig-2-Hog 40% Protein Concentrate Special	40.00	4.00	8.00	20.00	286 Incorrectly printed tags.				
Analysis	40.50	4.19	6.83	21.94					
Economy Brand Sweet Feed	18.00	2.20	11.00	47.00					
Analysis	20.20	2.65	10.35	49.88					
Economy Brand Pig-2-Hog 40% Protein Concentrate	40.00	3.00	9.50	21.50					
Analysis	41.00	4.12	7.21	21.96					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Elam Grain Co., St. Louis, Missouri					Erwin Feed Mill, Gatesville, Texas				
Elam's Brewers' Dried Grain ²⁸⁰	24.00	5.00	17.00	42.00	—Continued				
Analysis.....	28.50	7.86	13.01	40.90	Big Jim Brand Steer Feed.....	11.00	1.90	24.50	46.00
Elgin Cotton Oil Mill, Elgin, Texas					Analysis ³⁰⁷	11.60	1.75	21.55	47.90
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	16% Protein Drought Emergency Mix				
Analysis ²⁸¹	40.65	6.03	12.27	27.98	Feed No. 1.....	16.00	3.00	5.50	59.00
Analysis.....	35.70	5.81	14.77	30.76	Analysis ³⁰⁸	16.30	3.27	5.04	59.97
Analysis.....	41.05	7.39	11.52	27.76	Big Jim Brand Hog Feed.....	14.00	2.50	7.50	57.50
Analysis.....	40.00	7.64	12.73	27.03	Analysis.....	16.50	2.57	7.48	56.97
Analysis.....	41.20	7.58	12.74	26.18	Analysis ³⁰⁹	14.70	2.98	7.81	58.86
Analysis.....	44.50	8.06	10.66	24.64	Big Jim Brand 20% Protein Range				
El Campo Rice Milling Company					Breeder Chunkets.....	20.00	2.80	9.50	48.50
Port Lavaca, Texas					Analysis ³¹⁰	21.70	3.77	12.28	43.68
Rice Bran Containing Calcium Carbonate	12.00	12.00	15.00	40.00	Adcock Dairy Feed.....	0.00	0.00	0.00	0.00
Analysis.....	13.55	18.08	10.16	37.88	Analysis ³⁰²	14.25	3.10	15.39	50.98
El Rancho Milling Co., Clovis, New Mexico					Evergreen Farms Co., Raymondville, Texas				
Stockyards Special Brand Feed.....	9.00	1.70	28.00	40.50	Evergreen Brand 17% Protein Dehydrated Alfalfa Meal.....	17.00	2.50	23.00	35.00
Analysis ²⁸²	8.71	1.72	21.09	47.67	Analysis ²⁹⁰	16.30	2.78	27.76	36.16
El Capitan Brand 20% (Equivalent) Protein Cubes For Cattle and Sheep ²⁸³	20.00	2.00	11.00	48.00	Evergreen Brand Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00
Analysis ²⁸⁴	21.80	2.50	10.96	46.57	Analysis.....	21.60	3.65	19.74	34.97
Fernando Brand 16% (Equivalent) Protein Dairy Feed ²⁸⁵	16.00	2.70	10.00	50.00	Fairmont Foods Co., Giddings, Texas				
Analysis ²⁸⁶	19.80	3.14	6.65	56.85	18% Protein Dairy Feed.....	18.00	3.00	10.00	49.00
Analysis ²⁸⁷	18.00	2.79	4.09	61.30	Analysis.....	19.50	4.04	9.60	49.12
Perfecto Brand 16% (Equivalent) Protein Dairy Feed ²⁸⁸	16.00	2.50	8.00	47.50	Fairmont's Far-Mor Brand Laying Mash Pellets.....	18.00	4.00	8.00	48.50
Analysis ²⁸⁹	19.00	2.50	5.97	58.44	Analysis ³¹³	19.10	5.00	6.23	47.27
Ermco Brand Egg Mash.....	20.00	2.50	7.50	50.00	Fairmont 18% Protein Turkey Grower All-Mash Pellets.....	18.00	3.30	5.50	50.00
Analysis.....	21.40	4.79	6.02	46.22	Analysis.....	18.70	4.36	4.80	54.85
Ermco Brand Egg Crumbles.....	20.00	2.50	7.50	50.00	Fairmont's 22% Protein Turkey Growing Mash Pellets.....	22.00	2.50	6.50	44.00
Analysis ²⁹⁰	19.00	3.87	5.46	51.35	Analysis.....	22.50	3.92	5.44	48.39
El Rancho Brand 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	Gold Nugget Special Brand Broiler-Grower.....	20.00	3.00	4.50	54.00
Analysis.....	41.20	5.10	10.40	31.13	Analysis ³¹⁴	22.60	4.44	4.19	50.97
El Rancho Brand Rolled Oats.....	11.00	3.00	11.00	55.00	Gold Nugget Brand Laying Mash Pellets	20.00	4.00	8.00	46.00
Analysis.....	13.20	4.00	10.94	57.76	Analysis ³¹⁵	22.00	5.21	4.55	47.50
Analysis.....	13.55	4.57	10.21	60.08	Fairmont Porkmaker Brand 42.50% Protein Supplement.....	42.50	4.50	8.50	19.00
El Rancho Drought Emergency Feed Cubes.....	20.00	2.00	7.50	48.00	Analysis ³¹⁶	43.60	7.57	6.35	14.53
Analysis ²⁹¹	19.00	3.34	5.51	50.42	²⁸⁰ Not tagged.				
El Rancho 22% (Equivalent) Protein Cattle and Sheep Feed Cubes ²⁹²	22.00	2.80	5.00	54.00	²⁸¹ Lint excessive.				
Analysis ²⁹³	22.07	3.33	4.57	55.69	²⁸² Found, not claimed: crimped oats and barley. Not tagged but tags furnished.				
Analysis ²⁹⁴	21.00	2.89	4.37	55.63	²⁸³ Guaranty includes 6.11% equivalent protein from 2.10% urea.				
El Rancho Brand Complete Hog Cubes	14.00	3.00	7.00	52.50	²⁸⁴ Analysis includes 5.06% equivalent protein from 1.74% urea. Claimed, not found: steamed bone meal and linseed meal.				
Analysis ²⁹⁵	14.40	3.74	4.95	58.89	²⁸⁵ Guaranty includes 4.36% equivalent protein from urea.				
Analysis ²⁹⁶	18.50	3.24	5.21	54.52	²⁸⁶ Analysis includes 6.87% equivalent protein from 2.36% urea.				
El Rancho 18% (Equivalent) Protein Drought Emergency Cubes—Mix II ²⁹⁷	18.00	3.00	4.50	61.00	²⁸⁷ Analysis includes 6.55% equivalent protein from 2.25% urea. Found, not claimed: ground ear corn chop. Not tagged but tags furnished.				
Analysis ²⁹⁸	19.80	2.95	3.08	61.29	²⁸⁸ Guaranty includes 4.36% equivalent protein from 1.50% urea.				
R. P. S. Brand 16% (Equivalent) Protein Dairy Feed ²⁹⁹	16.00	3.00	8.00	53.00	²⁸⁹ Analysis includes 7.25% equivalent protein from 2.49% urea.				
Analysis.....	15.10	3.58	6.90	57.76	²⁹⁰ Not tagged but tags furnished.				
Embry's Feed & Supply, Gainesville, Texas					²⁹¹ Found, not claimed: grain sorghum meal.				
Embry's Special Hog Feed.....	15.50	3.00	4.50	57.00	²⁹² Guaranty includes 6.55% equivalent protein from 2.25% urea.				
Analysis ³⁰⁰	16.00	9.07	4.47	52.73	²⁹³ Analysis includes 6.05% equivalent protein from 2.08% urea. Found, not claimed: alfalfa meal. Claimed, not found: soybean meal, milo gluten feed and linseed meal.				
Emmrich Mill, Giddings, Texas					²⁹⁴ Analysis includes 6% equivalent protein from 2.06% urea.				
Emmrich's 40% Protein Hog Balancer	40.00	4.50	8.50	15.50	²⁹⁵ Found, not claimed: ground oats and barley.				
Analysis ³⁰¹	43.40	4.51	7.48	21.69	²⁹⁶ Not made according to registered formula. Not tagged.				
Enderlin Feed Store, Fredericksburg, Tex.					²⁹⁷ Guaranty includes 5.90% equivalent protein from 2.03% urea.				
Hop's Growing Mash.....	17.00	3.50	8.00	53.00	²⁹⁸ Analysis includes 5.90% equivalent protein from 2.03% urea. Not tagged but tags furnished.				
Analysis.....	18.70	4.66	6.22	52.25	²⁹⁹ Sampled before registration.				
Hop's Chick Starter.....	20.00	3.00	7.00	48.00	³⁰⁰ Found, not claimed: rice polishings.				
Analysis.....	21.80	4.52	5.97	49.28	³⁰¹ Found, not claimed: poultry by-product meal.				
Erlly-Fat Livestock Feed Co., Tucson, Ariz.					³⁰² Not registered.				
Erlly-Fat For Ruminants.....	6.00	1.00	20.00	0.00	³⁰³ Found, not claimed: ground paddy rice, milo gluten feed and cottonseed meal.				
Analysis ³⁰²	10.15	1.13	17.16	49.31	³⁰⁴ Found, not claimed: ground rice hulls.				
Ervine & Bishop, Houston, Texas					³⁰⁵ Found, not claimed: corn meal and ground oat hulls. Claimed, not found: ear corn chop with husk.				
Justrite Brand 18% Protein Dairy Ration	18.00	3.00	20.00	37.50	³⁰⁶ Found, not claimed: ground rice hulls and ground weed seeds. Claimed, not found: ear corn chop with husk.				
Analysis.....	18.32	3.17	19.42	38.10	³⁰⁷ Found, not claimed: ground rice hulls, crimped oats, wheat bran, and calcium carbonate.				
Tex Brand 9.30% Protein Stock Feed.....	9.30	4.00	9.00	54.00	³⁰⁸ Microestimation: corn meal 48.35%.				
Analysis ³⁰³	11.80	5.81	7.57	56.90	³⁰⁹ Not made according to registered formula. Not tagged but tags furnished.				
Shureggs Brand Egg Mash.....	18.00	3.00	7.00	49.00	³¹⁰ Found, not claimed: rice bran. Claimed, not found: fish meal.				
Analysis.....	21.40	3.77	5.42	48.44	³¹¹ Found, not claimed: grain sorghum meal and rice bran. Incorrectly printed tags.				
Analysis.....	18.50	4.41	4.90	50.66	³¹² Not made according to registered formula.				
Shurflo Brand 18% Protein Dairy Feed	18.00	3.50	12.50	43.50	³¹³ Found, not claimed: grain sorghum meal, fish meal and rice bran.				
Analysis.....	20.90	4.92	10.96	44.36	³¹⁴ Found, not claimed: poultry by-product meal and rice bran.				
Erwin Feed Mill, Gatesville, Texas									
J & J Brand 18% Protein Dairy Feed...	18.00	3.50	11.00	47.50					
Analysis.....	18.60	3.85	9.97	51.68					
Analysis ³⁰⁴	16.35	3.58	12.59	50.34					
Analysis ³⁰⁵	18.30	3.59	11.00	49.90					
J & J Brand 16% Protein Special Mix...	16.00	3.00	12.50	47.50					
Analysis ³⁰⁶	16.40	3.67	16.52	44.67					
Analysis ³⁰⁵	16.20	3.88	13.66	49.49					
Big Jim Brand 16% Protein Dairy Feed	16.00	3.00	12.50	48.50					
Analysis ³⁰⁴	16.40	3.08	12.43	49.98					
Analysis ³⁰⁵	16.75	3.64	12.01	51.48					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Falls City Milling Co., Falls City, Texas					Farmers Cooperative, Inc., Victoria, Texas				
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	Cow Feed	12.50	2.50	13.50	51.00
Analysis ³¹⁷	9.50	2.25	10.69	63.66	Analysis	14.60	2.54	15.34	51.68
Dziuk's Chick Starter All-Mash	17.00	3.50	5.50	52.50	18% Protein Dairy Feed	18.00	3.00	12.50	46.00
Analysis	18.85	3.68	4.66	53.92	Analysis	18.30	3.06	12.13	52.01
Dziuk's Growing Mash	17.00	3.50	7.00	42.00	Our-Own Brand Chicken Breeder Mash	20.00	3.50	8.00	44.00
Analysis	18.70	4.54	5.31	53.52	Analysis ³²⁸	20.20	4.36	6.41	47.53
Dziuk's 20% Protein Laying Mash	20.00	3.50	6.00	46.00	Our-Own Brand Starter Broiler Mash	20.00	3.50	5.50	51.00
Analysis	21.50	4.38	5.95	49.00	Analysis	20.00	4.32	4.61	52.15
Dziuk's Best Brand 32% Protein Poultry Supplement	32.00	3.00	9.00	26.00	Our-Own Brand 34% Protein Hog Supplement	34.00	4.50	11.00	14.50
Analysis	32.20	5.23	7.19	29.28	Analysis	41.35	6.20	10.31	17.61
Dziuk's Best Brand 40% Protein Hog Supplement	40.00	3.00	9.50	22.00	Farmers Co-Op Gin Association				
Analysis	40.00	5.80	7.66	22.01	Sulphur Springs, Texas				
Fanning and Moore Feed and Grain Co.					Co-Op Brand 18% Protein Dairy Feed	18.00	3.00	15.00	45.50
Justin, Texas					Analysis ³²⁹	16.90	3.27	11.41	49.71
Square Meal Brand 20% Protein Laying Mash	20.00	3.50	8.00	46.50	Analysis	16.90	3.26	11.28	49.89
Analysis ³¹⁸	17.30	3.82	6.90	52.55	Analysis ³³¹	18.60	3.94	11.59	50.55
Fant Milling Co., Sherman, Texas					Analysis	17.60	3.52	11.98	51.74
Wheat Gray Shorts and Screenings	15.00	3.50	6.00	55.00	Co-Op Brand 16% Protein Dairy Ration	16.00	3.50	15.00	45.00
Analysis	16.20	4.61	6.02	63.27	Analysis	16.00	2.02	11.80	52.19
Sunglo Brand 18% Protein Dairy Feed	18.00	2.50	9.50	46.50	Analysis	14.67	3.57	10.96	51.88
Analysis	18.70	2.50	8.52	49.15	Analysis ³³²	19.40	3.82	11.99	47.92
Sunglo Brand Growing Mash	18.00	3.50	7.00	48.50	Farmers Co-Operative Gin Company				
Analysis ³¹⁹	19.80	3.84	6.53	50.62	Cumby, Texas				
Sunglo Brand 14% Protein Hog Feed	14.00	3.00	7.00	55.50	Cumby Co-Op Brand 16% Protein Dairy Feed	16.00	3.00	15.00	46.00
Analysis	14.75	4.30	5.63	57.70	Analysis ³³³	15.50	4.00	12.38	50.20
Sunglo Brand Laying Mash	20.00	3.50	7.00	45.50	Farmers Co-Op Gin, Mill & Whse. Co.				
Analysis ³²⁰	21.05	4.55	6.53	47.99	Schulenburg, Texas				
Sunglo Brand Laying All-Mash	16.00	3.50	6.00	54.00	Champion Brand 20% Protein Laying Mash	20.00	3.50	8.00	42.00
Analysis ³²¹	16.25	3.53	5.10	56.99	Analysis	21.40	5.20	8.65	44.34
Sunglo Brand Pig Starter	22.00	3.00	6.00	49.00	Farmers Cotton Oil Co., Winnsboro, Texas				
Analysis	22.00	3.76	5.09	51.36	41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Sunglo Brand Turkey Growing Mash	21.00	2.50	7.00	46.50	Analysis	41.00	6.46	9.32	29.41
Analysis	19.60	4.39	5.82	53.42	Analysis	41.00	6.20	10.22	29.81
Sunglo Brand 21% Protein Range Feed Cubes	21.00	2.50	10.00	45.00	16% Protein Dairy Feed	16.00	3.00	11.50	49.00
Analysis	21.40	3.72	9.97	43.00	Analysis	16.85	3.05	9.82	52.60
Sunglo Brand Dry and Freshening Feed	13.50	3.00	12.00	49.50	18% Protein Dairy Feed	18.00	3.00	12.00	47.00
Analysis	15.20	3.08	8.99	51.59	Analysis	19.00	3.90	9.90	49.99
Sunglo Brand Rabbit Feed Pellets	16.00	2.50	14.00	50.00	Farmers Cottonseed Oil Mills				
Analysis	16.65	4.24	12.58	50.36	Granger, Texas				
Sunglo Brand Chick Starter Mash—Containing Sulfaquinoxaline	20.00	3.50	6.00	50.00	41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Analysis	20.70	3.53	5.80	52.37	Analysis	41.60	6.96	11.90	27.91
Farley, Paschal, Whitewright, Texas					Analysis	41.10	5.80	12.79	27.97
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	41% Protein Cottonseed Cake	41.00	5.00	12.00	25.00
Analysis	9.35	3.31	9.75	66.11	Analysis	40.70	5.03	12.66	29.18
Analysis ³¹⁷	9.90	2.94	9.80	63.57	Analysis	42.00	6.08	11.94	26.97
Analysis ³¹⁷	9.20	2.61	11.23	64.44	Farmers Cooperative Oil Mill				
Analysis	10.48	3.03	9.39	66.27	El Paso, Texas				
Analysis	9.60	3.30	8.20	61.95	41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Analysis ³²³	9.50	3.17	11.52	63.03	Analysis	41.10	5.30	10.92	31.47
Analysis	11.90	3.13	8.89	62.13	Analysis	41.00	5.08	11.18	30.38
Analysis	10.00	3.56	10.54	65.39	Farmers Elevator & Storage Company				
Analysis	8.90	3.06	14.86	63.36	Hamilton, Texas				
Farmbilt Mills, Inc., Cuero, Texas					Special Mix Hog Feed	14.00	3.00	8.00	57.50
Farmbilt Premium Brand 20% Protein Egg Mash	20.00	3.00	7.50	47.00	Analysis ³³⁴	16.00	3.20	5.94	58.01
Analysis	21.50	3.05	5.29	49.99	Nu-Way 18% Protein Dairy Feed	18.00	3.00	13.00	46.00
Farmbilt Premium Brand Chick Starter	20.50	2.50	6.00	50.00	Analysis	20.60	3.57	11.14	50.14
Analysis	21.70	3.28	4.35	52.39	³¹⁷ Infested with mold.				
Farmbilt Premium Brand 20% Protein Turkey Grower	20.00	2.50	8.00	49.00	³¹⁸ Found, not claimed: dried whey.				
Analysis	20.20	3.95	7.69	51.10	³¹⁹ Maximum salt guaranteed 0.8%, found .96%. Minimum calcium guaranteed 1.20%, found 2.35%. Minimum phosphorus guaranteed 0.3%, found 1.14%.				
Farmbilt 20% Protein Range Feed Cubes	20.00	2.50	9.50	47.00	³²⁰ Maximum salt guaranteed 1%, found 1.08%. Minimum calcium guaranteed 1.5%, found 2.89%. Minimum phosphorus guaranteed 0.4%, found 1.13%.				
Analysis ³²⁴	20.20	4.07	8.96	50.02	³²¹ Maximum salt guaranteed 0.8%, found .57%. Minimum calcium guaranteed 1.2%, found 2.14%. Minimum phosphorus guaranteed 0.3%, found .87%.				
Farmbilt Fermo Brand (16%) Dairy Feed	16.00	2.50	12.00	48.00	³²² Found, not claimed: cottonseed meal, pulverized oats, alfalfa and molasses.				
Analysis ³²⁵	16.60	4.03	9.78	51.40	³²³ Found, not claimed: rice bran.				
Farmbilt 38% Broiler Concentrate	38.00	2.00	8.00	25.00	³²⁴ Feed not registered.				
Analysis ³²⁵	39.00	3.52	5.44	29.98	³²⁵ Found, not claimed: milo meal.				
Farmers Branch Feed Mill, Inc.					³²⁶ Found, not claimed: ground barley.				
Farmers Branch, Texas					³²⁷ Claimed, not found: fish meal.				
May Best Cow Ration	17.50	2.80	16.00	43.00	³²⁸ Found, not claimed: salt, bone meal and calcium carbonate.				
Analysis	16.80	3.65	13.22	50.08	³²⁹ Found, not claimed: calcium carbonate and a trace of salt.				
May Best Cow Feed No. 3	14.50	3.00	11.00	48.00	³³⁰ Found, not claimed: linseed meal.				
Analysis ³²⁴	17.00	3.34	10.75	51.21	³³¹ Found, not claimed: alfalfa meal.				
Farmers Co-Operative Assn., Shiner, Texas					³³² Found, not claimed: ground peanut vines.				
Prosperity Brand Growing Mash	17.00	3.50	8.00	49.50	³³³ Found, not claimed: alfalfa meal, pulverized oats and barley.				
Analysis ³²⁶	18.20	4.05	6.64	53.59					
Co-Op Hi-Producer Brand 20% Protein Laying Mash	20.00	3.00	8.00	54.00					
Analysis ³²⁷	21.05	3.77	6.93	51.63					
Co-Op 20% Protein Chick Starter	20.00	3.50	7.00	49.00					
Analysis	21.10	3.77	5.47	52.31					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Farmers Feed and Produce Stephenville, Texas					Fidelity Products Mill, Houston, Texas —Continued				
Premium Brand 16% Protein Dairy Feed	16.00	2.50	12.00	50.00	41% Protein Cottonseed Meal	41.00	3.00	12.00	25.00
Analysis ³³⁵	17.00	3.66	10.43	50.94	Analysis	41.60	4.96	10.69	30.97
Analysis ³³⁶	16.70	3.21	11.15	53.38	Analysis	40.60	4.69	13.08	29.35
9% Protein Sweet Feed	9.00	2.00	32.50	37.00	Analysis	42.15	5.01	12.29	29.21
Analysis ³³⁷	11.40	3.17	30.80	36.98	Analysis	41.50	5.70	10.47	29.91
Premium Brand Hog Fattener	14.00	2.50	8.00	54.00	Analysis	41.00	5.04	12.81	28.62
Analysis	16.20	3.49	6.81	56.38	Analysis	42.00	4.65	12.93	28.45
Analysis	17.20	3.83	7.22	55.95					
Farmers Gin & Mill, Columbus, Texas					Fincher & Sons, Jack, Bureson, Texas				
Ear Corn Chop With Husk and Cane Molasses	6.80	2.40	8.00	65.00	Lay-More Brand 18% Protein Laying Mash	18.00	3.00	7.50	48.50
Analysis ³³⁸	7.35	2.68	6.27	70.08	Analysis	20.50	3.76	5.72	51.26
Meadows 14% Protein Creep Feed (For Beef Cattle)	14.00	2.50	9.00	50.00	Fincher's Work-More Brand Horse and Mule Feed	10.00	3.00	9.00	56.00
Analysis	16.00	3.44	8.37	53.99	Analysis ³⁴⁸	10.80	4.89	7.84	61.76
Farmer's Grain Co., Inc. Fredericksburg, Texas					Fincher Feed & Produce, De Leon, Texas				
Farmer's Dairy Feed	20.00	3.50	13.50	45.00	Buck Brand Lay Mash	20.00	3.50	7.00	47.00
Analysis	20.20	4.14	12.16	47.11	Analysis ³⁴⁹	23.40	3.52	5.99	48.72
Farmers Milling Co., Graham, Texas					Buck Brand 16% Protein Dairy Feed	16.00	3.00	15.00	45.00
F.M.C. 18% Protein Dairy Feed	18.00	3.70	12.00	47.00	Analysis	16.10	3.75	12.48	51.17
Analysis ³³⁹	18.35	4.18	12.84	46.34	Buck Brand Hog Fattener	15.00	3.00	6.50	55.00
Farmers Milling Co., McGregor, Texas					Analysis	17.10	3.01	4.30	60.08
Farmers Friend Brand Egg Mash	19.00	3.00	8.00	48.00	Analysis	17.00	4.38	4.74	57.60
Analysis	21.50	3.05	6.29	53.98	Buck Brand Pig and Sow Feed	17.00	3.00	6.00	53.00
Farmers' Own Co-Operative Association Temple, Texas					Analysis	18.70	3.65	5.90	55.77
19% Protein Laying Mash	19.00	4.00	6.50	49.00	Buck Brand Pig Starter	18.00	3.00	6.00	50.00
Analysis ³⁴⁰	20.70	4.41	7.39	50.12	Analysis ³⁵⁰	18.50	4.75	5.07	55.13
Nat-Ur-Way Brand 20% Protein Laying Mash	20.00	3.00	6.50	43.00	Firestone Feed & Poultry, Lamesa, Texas				
Analysis	22.50	4.04	6.42	49.66	Firestone 14% Protein Hog Feed	14.00	2.60	7.00	59.00
Farmers, Ranchers, Consumers Cooperative Associated, Brady, Texas					Analysis ³⁵¹	15.40	3.06	5.47	60.21
Heart O' Texas 41% Protein Cottonseed Pellets	41.00	4.00	13.00	25.00	Firestone 15% Protein Laying All-Mash	15.00	2.50	8.00	55.50
Analysis ³⁴¹	40.10	5.15	12.02	29.25	Analysis ³⁴⁰	15.50	3.01	5.03	59.14
Heart O' Texas Brand Ground Milo	10.00	2.50	3.00	70.00	Fishel Products Co., Kingsburg, Calif.				
Analysis ³⁴¹	10.50	3.04	2.26	72.18	Super-Trate	50.00	6.00	4.00	12.00
Heart O' Texas Brand 16% Protein Dairy Feed	16.00	3.00	9.50	49.50	Analysis ³⁵²	54.00	5.80	4.77	17.92
Analysis	16.80	3.08	8.43	52.77	Flatonia Oil Mill Co., Flatonia, Texas				
Heart O' Texas Brand 20% Protein Lay Mash	20.00	3.00	6.50	49.00	41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Analysis ³⁴²	22.00	4.26	6.03	49.34	Analysis	41.40	7.04	8.34	29.51
Heart O' Texas Brand 35% Protein Supplement for Hogs	35.00	4.50	8.00	27.00	Analysis	41.20	6.50	11.02	27.41
Analysis	34.50	5.67	10.02	30.14	Flieller, E. A., Floresville, Texas				
Analysis ³⁴³	34.30	5.54	8.64	32.15	Pennant Brand Special Growing Mash	18.00	4.00	6.50	45.50
Heart O' Texas Brand 35% Protein Supplement For Hogs—Pelleted	35.00	4.50	8.00	27.00	Analysis	18.90	4.95	5.52	50.19
Analysis ³⁴⁴	33.80	5.69	9.36	30.55	Pennant Brand Laying Mash	19.00	3.70	8.00	46.00
Analysis ³⁴⁴	33.80	5.87	9.92	30.01	Analysis	20.60	5.41	4.52	48.17
Heart O' Texas Special Brand 18% Protein Laying Mash	18.00	3.00	7.00	54.00	Pennant Brand Special Laying Mash	19.00	3.50	7.00	45.50
Analysis	21.05	4.12	5.83	51.64	Analysis	20.60	4.79	5.06	47.37
Heart O' Texas Brand Pig Feed	16.00	3.50	5.50	59.50	Forehand Farm Supply, Levelland, Texas				
Analysis ³⁴⁵	16.10	3.62	5.49	53.80	Hi-Level Brand Milk Mix	16.00	3.00	7.50	57.00
Heart O' Texas Vit "A" Fied Brand 20% Protein Range Feed Cubes	20.00	2.80	9.00	47.00	Analysis ³⁵³	20.25	2.13	13.34	46.50
Analysis ³⁴⁴	20.55	2.96	10.18	47.09	Forrest Company, J. A., Minneapolis, Minn.				
Heart O' Texas Brand 16% Protein Livestock Mineral Supplement	16.00	2.50	4.00	28.00	Bronco Ground Grain Screenings	13.00	5.00	16.00	45.00
Analysis ³⁴⁶	17.70	3.58	5.07	31.75	Analysis	11.70	5.31	16.98	46.66
20% Protein Drought Emergency Mixed Feed Formula Number 2	20.00	3.50	7.50	49.00	Analysis	11.80	6.49	17.28	45.77
Analysis	21.00	3.51	7.29	50.64	Analysis	12.05	6.15	17.82	43.02
Farmersville Grain Co., Farmersville, Tex.					Analysis ³⁵²	11.55	6.29	18.26	41.85
Saf-Tee Brand Egg All-Mash	15.50	3.00	6.00	55.00	Analysis ³⁴²	11.80	6.20	18.77	42.89
Analysis	17.10	3.98	4.31	56.63	Fort Smith Cotton Oil Co., Inc. Fort Smith, Arkansas				
D-M Brand Creep Feed	9.00	3.00	10.00	60.50	"Old Fort" Quality 41% Protein Expeller Soybean Meal	41.00	4.00	7.00	30.00
Analysis ³⁴⁷	10.00	3.28	9.95	61.75	Analysis	41.65	7.19	6.49	30.79
Feeders Supply Company, Waco, Texas									
Eagle Brand 20% Protein Chick Starter	20.00	3.00	6.50	49.00	³³⁵ Found, not claimed: peanut hay and ground peanut vines.				
Analysis	23.50	3.78	5.17	51.43	³³⁶ Found, not claimed: ground peanut vines.				
Eagle Brand 16% Protein Cow Feed	16.00	3.50	11.50	46.00	³³⁷ Found, not claimed: alfalfa meal.				
Analysis	16.20	3.09	10.12	50.38	³³⁸ Found, not claimed: cottonseed meal.				
Eagle Brand 18% Protein Laying Mash	18.00	3.50	7.50	49.00	³³⁹ Found, not claimed: ground barley.				
Analysis	19.05	3.53	5.27	54.06	³⁴⁰ Not made according to registered formula.				
Eagle Brand Cattle Feed	12.50	1.70	18.50	49.00	³⁴¹ Not tagged.				
Analysis	14.00	1.94	13.93	53.58	³⁴² Incorrectly printed tags attached.				
Eagle Brand 16% Protein Laying All-Mash	16.00	3.00	7.00	55.50	³⁴³ Claimed, not found: soybean meal. Found, not claimed: peanut meal.				
Analysis	18.90	4.05	6.20	55.27	³⁴⁴ Not made according to registered formula.				
Fidelity Products Mill, Houston, Texas					³⁴⁵ Found, not claimed: soybean meal and peanut meal.				
41% Protein Cracked Cottonseed Cake	41.00	3.00	12.00	25.00	³⁴⁶ Maximum salt guaranteed 25.0%, found 20.1%. Minimum calcium guaranteed 2.4%, found 5.14%. Minimum phosphorus guaranteed 0.7%, found 1.56%.				
Analysis	42.50	4.42	11.89	30.24	³⁴⁷ Found, not claimed: cottonseed meal, salt (1.32%) and traces of soybean meal and alfalfa.				
					³⁴⁸ Found, not claimed: cottonseed meal.				
					³⁴⁹ Found, not claimed: pulverized barley and peanut meal.				
					³⁵⁰ Found, not claimed: peanut meal.				
					³⁵² Obsolete tags attached.				
					³⁵³ Found, not claimed: ground screening, molasses and calcium carbonate.				

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Frank's Farm Store, Plainview, Texas					General Mills, Inc.				
Frank's and Miller's 20% Protein Laying Mash	20.00	3.00	7.00	42.50	Minneapolis, Minnesota and Divs.				
Analysis ³⁵⁶	20.10	3.73	5.71	53.27	Continued				
Freels Farm Supply, Commerce, Texas					Larro Poultry Surehatch	20.00	2.50	8.00	45.00
Freels High Calorie Brand 20% Protein Laying Mash	20.00	3.50	6.50	47.50	Analysis	21.30	3.97	6.56	50.03
Analysis	22.45	4.45	6.94	51.20	Larro Surelay Complete	21.80	4.56	6.67	49.39
					Analysis ³⁷⁰	16.00	3.00	7.50	48.00
					Analysis ³⁷¹	17.15	3.76	6.66	53.05
					Larro Surecattle 32	32.00	1.50	9.00	53.23
					Analysis ³⁷²	32.50	1.99	7.74	38.07
					Analysis ³⁷³	34.35	1.51	9.22	37.92
Frey & Co., Harry F., Houston, Texas					Larro Surelay Brand Feed For Laying Hens	20.00	2.50	8.00	45.00
Distillers' Dried Solubles	23.00	5.00	5.00	40.00	Analysis	22.00	3.58	6.79	48.82
Analysis	25.00	5.69	4.35	45.98	Analysis ³⁶⁷	17.40	3.75	8.00	53.08
Analysis	23.00	6.33	4.56	46.44	Larro Suremilk Milk Producing, Fitting and Freshening Feed	16.00	2.00	12.00	50.00
					Analysis ³⁶⁸	18.70	2.09	8.04	54.71
Fried, John, Muleshoe, Texas					Larro Surecattle 32 Brand Supplement For Cattle	32.00	1.70	9.00	32.00
Alfalfa Meal, Hegari Heads, Stalks and Stems and Molasses	9.00	1.50	24.00	40.00	Analysis ³⁷⁴	32.60	1.27	8.42	35.66
Analysis ³⁵⁷	10.00	1.66	15.46	54.02	Analysis ³⁷⁵	34.00	1.73	7.20	34.41
Fried's All-Purpose Brand Dairy Feed	16.00	2.50	7.50	55.00	Larro Surebroiler 38 Starter—Containing Nitrofurazone and Arsanilic Acid	38.00	1.50	7.50	24.00
Analysis ³⁵⁸	18.25	3.11	8.56	53.94	Analysis ³⁷⁶	40.70	2.64	5.79	30.86
Muleshoe's Best Brand Hog Feed	14.50	2.80	6.00	56.00	Larro Surebroiler 38 Brand Concentrate—Containing Nitrofurazone and Arsanilic Acid	38.00	1.50	6.50	24.00
Analysis ³⁵⁹	16.00	3.25	4.41	59.69	Analysis ³⁷⁷	40.00	2.06	6.40	27.77
Muleshoe's Best Brand Growing Mash	17.50	3.00	8.00	51.00	Analysis ³⁷⁸	38.40	5.99	6.19	25.79
Analysis	18.00	4.43	6.01	55.29	Larro Surebroiler Brand Feed For Broilers—Containing Arsanilic Acid	20.00	2.50	5.50	48.00
Muleshoe's All-Purpose Brand Laying Mash	19.50	3.00	7.50	45.00	Analysis	23.00	2.99	5.08	51.91
Analysis ³⁶⁰	21.00	4.32	6.17	49.93	Larro Surebroiler Brand Feed For Broilers—Containing Nitrofurazone and Arsanilic Acid	20.00	2.50	5.50	48.00
Muleshoe's Best Brand Laying Mash	20.00	3.00	8.00	44.00	Analysis	20.70	3.25	5.03	53.21
Analysis ³⁶¹	21.20	4.19	6.04	49.02	General Molasses Co., New York, N. Y.				
Muleshoe's Best Brand Chick Starter	20.00	3.50	6.00	48.50	Cane Molasses	0.00	0.00	0.00	0.00
Analysis	21.30	4.98	4.69	54.06	Analysis ³⁷⁹	3.00	0.00	0.00	0.00
Frio-LaSalle Milling Plant, Dilley, Texas					General Vegetable Oil Co., Sherman, Tex.				
Calf Creep Feed	13.00	2.50	19.50	45.50	41% Protein Solvent Extracted Cottonseed Meal	41.00	0.50	13.00	25.00
Analysis	15.00	4.27	18.36	45.54	Analysis ³⁸⁰	40.00	1.50	12.53	30.87
					Analysis	41.45	.52	13.00	30.87
					Analysis	41.90	.77	12.52	31.91
					Analysis ³⁶¹	40.80	1.11	13.79	29.83
Frisco Grain Company, Frisco, Texas					³⁵⁶ Found, not claimed: linseed meal and blood meal. Claimed, not found: corn gluten feed.				
Ground Whole Barley	11.00	1.50	6.00	65.00	³⁵⁷ Found, not claimed: cottonseed hulls, bone meal and salt.				
Analysis ³⁶²	11.00	2.70	8.67	63.38	³⁵⁸ Found, not claimed: corn meal, ground barley, oats and rye.				
					³⁵⁹ Found, not claimed: soybean meal and corn meal. Incorrectly printed tags attached.				
					³⁶⁰ Found, not claimed: cottonseed meal and fish meal.				
					³⁶¹ Incorrectly printed tags attached.				
					³⁶² Misbranded: sample is a mixture of ground barley and oats.				
					³⁶³ Not tagged but tags furnished.				
					³⁶⁴ Not made according to registered formula.				
					³⁶⁵ Sand and dirt excessive.				
					³⁶⁶ Infested with mold. Not tagged but tags furnished.				
					³⁶⁷ Incorrectly printed tags attached.				
					³⁶⁸ Obsolete tags attached.				
					³⁶⁹ Maximum salt guaranteed 0.4%, found 0.78%. Maximum calcium guaranteed 3.5%, found 2.96%. Minimum phosphorus guaranteed 0.75%, found .82%.				
					³⁷¹ Maximum salt guaranteed 0.4%, found .63%. Maximum calcium guaranteed 2.5%, found 3.07%. Minimum phosphorus guaranteed 0.75%, found .84%.				
					³⁷² Maximum salt guaranteed 2.5%, found 2.85%. Maximum calcium guaranteed 1.25%, found 1.93%. Minimum phosphorus guaranteed 1%, found 1%.				
					³⁷³ Maximum salt guaranteed 3%, found .81%. Maximum calcium guaranteed 2%, found .82%. Minimum phosphorus 1%, found .87%.				
					³⁷⁴ Maximum salt guaranteed 3%, found 3.66%. Maximum calcium guaranteed 2%, found 1.56%. Minimum phosphorus guaranteed 1%, found .85%.				
					³⁷⁵ Maximum salt guaranteed 3%, found 3.73%. Maximum calcium guaranteed 2%, found 1.38%. Minimum phosphorus guaranteed 1%, found .97%.				
					³⁷⁶ Maximum salt guaranteed 1.3%, found 0.75%. Maximum calcium guaranteed 4%, found 2.91%. Minimum phosphorus guaranteed 1.3%, found 1.32%.				
					³⁷⁷ Maximum salt guaranteed 1.5%, found .71%. Maximum calcium guaranteed 4%, found 3.95%. Minimum phosphorus guaranteed 1.4%, found 1.79%.				
					³⁷⁸ Maximum salt guaranteed 1.5%, found 1.41%. Maximum calcium guaranteed 4%, found 4.8%. Minimum phosphorus guaranteed 1.4%, found 1.49%.				
					³⁷⁹ Degrees Brix: 80.80. Not registered.				
					³⁸⁰ Not tagged.				
Garbade Wholesale Co., Flatonia, Texas									
Diamond G Brand Starter All-Mash	18.00	3.80	7.00	51.00					
Analysis	20.70	7.45	6.13	46.51					
Diamond G Brand Growing Mash	18.00	3.50	8.00	47.00					
Analysis ³⁶⁴	17.70	3.90	9.44	47.47					
Diamond G Brand Hog Feed	15.00	4.50	8.00	49.50					
Analysis	17.30	9.14	7.42	45.97					
Diamond G Brand 18% Protein Laying Mash	18.00	4.00	8.00	50.00					
Analysis	20.10	4.57	6.45	48.42					
Diamond G Brand 20% Protein Laying Mash	20.00	3.00	8.00	46.00					
Analysis	21.00	8.28	6.19	43.61					
Garwood Dehydrating Co., Garwood, Texas									
17% Protein Dehydrated Alfalfa Meal	17.00	1.50	28.00	40.00					
Analysis ³⁶⁵	21.20	2.80	15.13	34.47					
Analysis	20.80	2.59	20.31	39.39					
Dehydrated Hegari Pellets	7.00	1.00	22.00	58.00					
Analysis	7.50	2.50	24.26	48.79					
General Alfalfa, Inc., Lexington, Nebraska									
Sanctured Alfalfa Meal	13.00	1.50	33.00	35.00					
Analysis ³⁶⁶	15.70	3.72	31.90	27.24					
General Mills, Inc.									
Minneapolis, Minnesota and Divs.									
Pulverized Oats	12.00	4.50	12.00	57.00					
Analysis	13.50	4.52	11.42	56.69					
Wheat Bran and Screenings	15.00	3.00	10.00	50.00					
Analysis	17.30	4.55	10.00	53.58					
Analysis	16.00	3.70	10.83	53.13					
Analysis	16.50	3.79	9.81	55.36					
Analysis ³⁶³	15.60	3.08	11.05	52.00					
Wheat Gray Shorts and Screenings	16.00	3.50	6.50	58.00					
Analysis	17.00	3.62	6.05	59.00					
Analysis	17.40	4.43	5.99	57.88					
Analysis	17.10	3.96	6.18	58.37					
Analysis	17.50	3.83	6.41	58.50					
Wheat Mixed Feed and Screenings	15.00	3.50	8.50	54.00					
Analysis ³⁶⁸	16.55	3.98	7.20	57.38					
Gold Medal Brand 20% Protein Cattle Fattener									
Analysis ³⁶⁹	20.00	2.00	12.00	45.00					
	20.60	2.81	8.23	47.61					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
General Vegetable Oil Co., Sherman, Texas —Continued					Glenbar Farms, Pauls Valley, Oklahoma				
41% Protein Solvent Extracted Cottonseed Meal—Continued					15% Protein Dehydrated Alfalfa Meal	15.00	1.50	30.00	35.00
Analysis ³⁸²	40.20	.90	13.78	29.71	Analysis ³⁹⁹	11.95	2.86	34.08	35.11
Analysis	45.40	5.34	10.80	23.38	Analysis ³⁹⁹	15.30	2.41	26.28	42.11
Analysis ³⁸⁰	44.00	.99	12.45	29.29	17% Protein Dehydrated Alfalfa Meal	17.00	1.50	28.00	35.00
Analysis	39.00	2.00	15.83	30.05	Analysis ⁴⁰⁰	14.75	3.28	26.87	39.11
Analysis	41.00	.65	14.41	30.64	Analysis	15.20	3.30	25.61	41.11
44% Protein Solvent Extracted Soybean Meal	44.00	0.50	7.00	29.00	Analysis	19.65	4.62	19.28	39.21
Analysis	45.80	2.32	6.31	31.15	Analysis ³⁸²	19.50	2.77	21.80	41.11
Analysis	46.90	1.48	6.98	30.78	Globe Cereal Mills, El Paso, Texas				
Georgetown Oil Mill, Georgetown, Texas					Globe Lay Mash	20.00	3.00	7.00	48.00
28% Protein Ground Whole-Pressed Cottonseed Cake	28.00	5.00	23.00	29.00	Analysis ⁴⁰²	21.15	4.83	5.54	50.21
Analysis	24.80	4.13	26.09	31.02	Green Valley 16% Protein Dairy Feed	16.00	2.50	8.50	48.21
Analysis	25.20	5.11	24.49	34.07	Analysis	13.50	2.24	9.98	52.31
Analysis	28.20	5.01	24.39	31.68	Globe Broiler Mash	20.50	3.00	5.50	50.21
28% Protein Ground Whole-Pressed Cottonseed Flakes	28.00	5.00	23.00	29.00	Analysis ⁴⁰²	21.70	2.75	3.93	56.11
Analysis	28.00	4.31	21.24	36.61	Globe Pig and Sow Feed	24.00	3.50	6.00	44.31
28% Protein Ground Whole-Pressed Cottonseed Meal	28.00	5.00	23.00	29.00	Analysis ⁴⁰²	26.70	4.70	6.00	44.31
Analysis ³⁸²	27.40	4.44	22.64	33.41	Glover's Feed Mill, Mount Pleasant, Texas				
28% Protein Ground Whole-Pressed Cottonseed Nuggets	28.00	5.00	23.00	29.00	Dairyette Brand 16% Protein Dairy Feed	16.00	3.00	13.00	48.00
Analysis	25.80	4.04	24.53	33.53	Analysis	17.30	3.68	11.81	50.31
Analysis	28.40	5.01	21.66	31.47	Godchaux Sugars, Inc., New Orleans, La.				
Analysis ³⁸⁰	27.00	4.07	26.27	29.57	Camola	2.00	0.00	14.00	58.00
Gerald Co., The, Hamilton, Texas					Analysis	3.00	0.00	15.25	60.31
Gerald's All-Mash Egg Feed	15.00	3.00	6.50	54.00	Golden Oak Milling Co., De Leon, Texas				
Analysis	21.30	3.45	5.83	51.04	Golden Oak 21% Protein Breeder Mash	21.00	3.50	7.00	48.00
Analysis	18.50	3.15	4.72	55.35	Analysis	23.40	3.72	5.78	49.31
Gerald's 18% Protein Mid-Tex Brand Dairy Feed	18.00	3.00	12.00	44.50	Golden Oak Broiler Mash—Granulized	20.00	3.30	7.50	51.00
Analysis ³⁸³	19.60	3.01	10.22	49.11	Analysis	22.10	3.38	4.64	54.11
Gerald's Mid-Tex 20% Protein Range Feed Cubes	20.00	3.00	8.50	48.50	Golden Oak 16% Protein Dairy Feed	16.00	3.40	15.00	45.00
Analysis	22.50	3.06	8.43	47.97	Analysis ⁴⁰³	18.60	3.42	13.99	45.11
Gerald's Mid-Tex 20% Protein Pig and Sow Feed	20.00	3.00	6.00	51.00	Analysis ⁴⁰⁴	16.30	4.05	12.51	51.11
Analysis	21.30	3.63	5.03	53.52	Analysis	17.50	3.67	10.65	52.11
Gerald's Mid-Tex Chick Starter—Containing Nitrofurazone and Arsanilic Acid	20.00	3.00	6.00	52.00	Golden Oak Hog Fattener	14.50	3.00	6.00	58.11
Analysis	20.50	3.10	5.02	53.82	Analysis	15.10	6.33	4.87	56.31
Gibbs Feed and Grain Co., Tyler, Texas					Analysis ⁴⁰²	16.50	3.48	4.59	61.11
Ground Alfalfa	13.00	1.50	33.00	35.00	Analysis	17.20	3.07	4.99	60.31
Analysis	18.95	1.58	23.82	35.71	Golden Oak Hog Fattener—Pelleted	14.00	3.00	6.00	59.11
Yellow Corn Feed Meal	8.00	3.00	3.00	67.00	Analysis	15.20	3.19	4.38	62.11
Analysis ³⁸⁴	9.90	3.69	2.05	70.89	Golden Oak Laying Mash	19.00	3.50	7.50	50.00
Tylo Brand 16% (Equivalent) Protein Dairy Ration ³⁸⁵	16.00	2.50	24.00	32.50	Analysis	21.80	4.57	5.96	52.11
Analysis ³⁸⁶	15.00	1.77	19.91	40.47	Golden Oak Laying Mash—Pelleted	19.00	3.50	7.50	50.00
Analysis ³⁸⁷	17.00	2.56	19.48	37.90	Analysis ⁴⁰⁶	20.75	3.55	5.93	51.41
Tylo Brand 16% (Equivalent) Protein Cow Ration ³⁸⁸	16.00	1.50	33.00	30.50	Analysis	19.20	3.92	5.62	56.01
Analysis ³⁸⁹	15.26	2.03	24.56	38.34	Golden Oak 32% Protein Supplement For Poultry	32.00	4.00	9.50	20.00
Tylo Brand 18% (Equivalent) Protein Cow Ration ³⁹⁰	18.00	1.50	31.50	30.50	Analysis	31.55	4.90	10.91	33.21
Analysis ³⁹¹	18.20	2.55	25.02	36.30	Golden Oak 20% Protein Range Feed Cubes	20.00	3.00	8.00	44.00
Analysis ³⁹²	9.00	1.50	35.50	36.00	Analysis ⁴⁰⁷	20.80	3.68	6.58	53.31
Tylo 20 Mule Team Brand Sweet Feed	10.50	2.20	23.68	42.13	Golden Oak 36% Protein Hog Supplement	36.00	4.00	11.00	26.00
Analysis ³⁹³	5.80	0.60	27.00	37.00	Analysis	32.60	5.04	9.20	31.00
Analysis ³⁹⁴	7.88	.70	24.47	40.15	Golden Oak 20% Protein Laying Mash	20.00	3.50	6.50	51.00
Gilbreath, M., Weimar, Texas					Analysis	21.70	3.69	5.61	51.00
Topper Brand Laying Mash	20.00	4.50	8.00	44.00	Golden Oak 18% Protein Dairy Feed	18.00	3.00	11.50	46.00
Analysis	21.20	4.57	6.93	47.55	Analysis	17.20	4.20	9.84	51.21
MG 18% Protein Laying Mash	18.00	3.30	6.00	51.00	Analysis	19.50	3.39	9.11	49.81
Analysis	21.70	3.30	4.03	53.11	Golden Oak Baby Chick Starter—Containing Sulfaquinoxaline	20.00	3.30	7.00	50.00
MG 20% Protein Laying Mash	20.00	3.50	6.00	47.00	Analysis	21.80	4.12	4.77	53.71
Analysis	21.55	4.76	4.45	49.51	380 Not tagged.				
MG Starter Mash	20.00	3.50	5.50	51.00	382 Not tagged but tags furnished.				
Analysis	23.45	4.39	3.91	49.16	383 Claimed, not found: rice bran and fish meal. Obsolete tags attached.				
Ground Grain Screenings	10.00	3.00	10.00	60.00	384 Found, not claimed: fish meal and charcoal.				
Analysis ³⁹⁵	10.20	2.80	5.79	70.71	385 Guaranty includes 5.21% equivalent protein from 1.79% urea.				
MG Special Broiler Mash	20.00	3.50	5.00	52.50	386 Analysis includes 3.96% equivalent protein from 1.36% urea.				
Analysis	22.80	3.23	4.27	47.73	387 Analysis includes 5.07% equivalent protein from 1.74% urea.				
MG 34% Protein Hog Supplement	34.00	4.30	11.00	29.00	388 Guaranty includes 4.95% equivalent protein from 1.70% urea.				
Analysis ³⁹⁶	35.05	4.31	9.75	30.99	389 Analysis includes 2.21% equivalent protein from .76% urea. Found, not claimed: fish meal.				
Gilchrist Grain Co., Woodville, Texas					390 Guaranty includes 5.82% equivalent protein from 2% urea.				
Tyco Brand 18% Protein Dairy Feed	18.00	3.50	12.00	45.00	391 Analysis includes 3% equivalent protein from 1.03% urea. Found, not claimed: fish meal.				
Analysis ³⁹⁷	18.50	4.13	9.66	43.61	392 Found, not claimed: rice hulls, screenings and fish meal.				
Tyco Big 4 Brand Mixed Feed	13.00	2.00	19.00	44.00	393 Guaranty includes 1.40% equivalent protein from .48% urea.				
Analysis ³⁹⁸	13.00	3.37	19.00	44.31	394 Analysis includes 1.80% equivalent protein from .62% urea.				
Analysis	12.95	4.98	17.95	45.25	395 Infested with mold.				
Gilmer Cotton Oil & Fertilizer Co., Gilmer, Texas					396 Not made according to registered formula.				
Texas Longhorn Brand Mixed Feed	11.30	1.50	38.00	36.00	397 Calcium carbonate excessive. Obsolete tags.				
Analysis	11.00	1.92	34.62	40.35	398 Found, not claimed: chipped rice.				

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Goldenrod Oil Meal Sales Co. Memphis, Tennessee					Grams Mills, Adkins, Texas—Continued				
Hypro-Brand 43% Protein Expeller Extracted Soybean Oil Meal	43.00	3.50	7.00	29.00	Ear Corn Chop With Husk—Continued				
Analysis ⁴⁰⁸	43.00	4.68	5.36	32.04	Analysis ⁴²⁵	7.70	1.74	17.25	63.43
Gonzales, A. C., El Paso, Texas					Analysis ⁴²⁵	8.80	2.35	11.47	65.84
Wheat Gray Shorts	17.00	4.00	6.00	55.00	Analysis	9.20	2.13	10.66	66.64
Analysis	17.90	4.16	8.63	56.58	Analysis ⁴²⁶	8.10	3.20	14.84	62.75
Umilco Wheat Bran and Screenings	14.50	3.00	10.00	50.00	Analysis ⁴²⁷	8.00	2.17	14.03	57.78
Analysis	14.90	3.07	6.47	61.90	Ground Alfalfa and Cane Molasses	11.40	1.20	28.50	39.00
Gonzales Cotton Oil & Manufacturing Co. Gonzales, Texas					Analysis ⁴²⁸	12.92	1.25	22.12	41.78
41% Protein Cottonseed Meal	41.00	4.00	13.00	25.00	Ground Peanut Hay and Cane Molasses	9.00	3.00	22.00	46.00
Analysis	40.40	4.61	14.06	29.99	Analysis ⁴²⁹	10.85	2.55	29.13	38.59
Analysis	41.80	5.11	12.22	28.73	Lone Oak Brand 20% Protein Laying Mash	20.00	3.50	7.00	47.00
Analysis	41.00	4.85	12.85	29.33	Analysis ⁴³⁰	20.50	4.17	5.27	52.03
Analysis	39.90	4.63	14.97	28.95	Analysis ⁴²³	17.90	4.57	5.94	52.18
Gonzales Feed & Grain Co., Gonzales, Tex.					Grant Feed Mill, Grant, Oklahoma				
Creep Feed For Calves	14.50	2.50	9.00	57.50	Alfalfa Meal	13.00	1.50	33.00	35.00
Analysis	14.50	3.35	7.78	61.06	Analysis ⁴³²	13.35	1.59	32.92	34.92
Gooch Feed Mill Co., Dalhart, Texas					Grayson Alfalfa Dehydrating Mills Sherman, Texas				
Gooch's Best Brand Laying All-Mash	16.00	2.50	7.00	53.50	17% Protein Dehydrated Alfalfa Meal	17.00	1.50	28.00	35.00
Analysis	18.30	3.20	6.94	56.21	Analysis	19.40	4.02	21.08	38.64
Gooch's Best Brand Growing Feed—Granules	18.00	3.00	7.00	51.50	Great West Mills, Fort Worth, Texas				
Analysis	20.10	3.31	6.43	52.59	Honest John Brand Sweet Feed ⁴³³	9.00	2.00	24.00	46.00
Gooch's Best Brand Layer-Breeder Mash—Granules	20.00	2.60	8.00	48.00	Analysis ⁴³⁴	11.80	2.95	20.25	46.68
Analysis	22.60	3.46	7.60	49.59	Great Western Sugar Company, The Denver, Colorado				
Gold Mine Complete Brand Hog Feed	14.00	2.50	6.00	56.00	GW Dried Beet Pulp	7.00	0.30	22.50	48.00
Analysis ⁴⁰⁸	17.30	4.31	6.00	54.75	Analysis ⁴²⁴	8.00	0.89	22.43	57.52
Gooch's Big G Brand Laying Mash	18.00	2.50	6.50	51.50	Greenbelt Dehydrating Co., Vernon, Texas				
Analysis ⁴¹⁰	20.20	3.16	8.01	50.83	17% Protein Dehydrated Alfalfa Meal	17.00	1.50	25.00	35.00
17% (Equivalent) Protein Creep					Analysis	17.00	2.99	24.47	37.55
Goochies ⁴¹¹	17.00	2.00	14.00	48.00	Green Milling & Grain Company, C. L. Winters, Texas				
Analysis ⁴¹²	18.00	2.52	7.92	55.84	Ear Corn Chop With Husk and Cane Molasses	7.10	2.00	8.50	65.00
Gooch's Best Brand Calf Formula (A Milk Replacer For Calves)	17.00	1.00	1.00	50.00	Analysis ⁴³⁵	8.35	2.02	7.98	68.25
Analysis ⁴¹³	17.35	1.90	.34	51.32	C. L. Green's Broiler Mash	20.00	4.00	5.00	54.00
Gooch's Best Brand 16% (Equivalent) Protein Dairy Feed ⁴¹⁴	16.00	2.50	7.50	53.50	Analysis	20.90	4.63	6.14	51.51
Analysis ⁴¹⁵	19.40	2.98	7.42	55.33	C. L. Green's 20% Protein Chick Starter	20.00	3.50	7.00	48.00
Gooch Oprema	12.00	2.00	7.00	59.00	Analysis	21.20	4.80	6.29	51.34
Analysis ⁴¹⁶	12.10	2.90	6.34	63.25	Analysis	20.20	3.93	5.69	52.07
Gooch Best Brand Horse Feed	12.00	2.50	7.00	55.00	Analysis ⁴³⁶	21.40	3.76	5.85	52.07
Analysis ⁴⁰⁸	16.00	3.10	5.53	61.11	C. L. Green's Egg Mash	20.30	3.50	7.00	46.00
Gooch's Best Brand Hog Fattener	40.00	4.00	7.50	22.50	Analysis	21.65	4.80	6.01	47.50
Analysis	35.00	3.50	6.35	36.67	Analysis	20.50	4.96	6.42	49.52
Gooch's Best Brand 30% Protein Pig Supplement	30.00	3.50	8.00	32.00	C. L. Green's Special Egg Mash	18.00	3.50	7.00	50.00
Analysis ⁴¹⁷	33.60	2.25	8.41	38.23	Analysis	19.10	3.56	7.26	52.29
Gooch's Best Brand 22% (Equivalent) Protein Range Feed Cubes ⁴¹⁸	22.00	2.50	6.50	48.00	C. L. Green's Growing Mash	17.00	3.50	7.00	52.50
Analysis ⁴¹⁹	24.50	2.55	6.41	53.55	Analysis	18.50	4.27	6.14	54.90
Gooch's Best Brand 18% (Equivalent) Protein Drought Emergency Mixed Feed Cubes Mix No. 2 ⁴²⁰	18.00	2.50	6.00	50.00	C. L. Green's Economy Brand Laying Mash	18.00	3.50	8.00	50.00
Analysis ⁴²¹	20.00	3.79	4.76	61.62	Analysis ⁴³⁷	20.05	4.92	6.18	48.96
Gooch's Hi-Calorie Brand Broiler Mash—Containing Nitrophenide	21.00	3.00	5.50	51.00					
Analysis	21.75	3.17	5.16	52.77					
Gooch Packing Co., Abilene, Texas									
Clover Leaf Brand 48% Protein Meat and Bone Scraps	48.00	6.00	3.00	0.00					
Analysis ⁴²²	47.55	15.97	3.37	1.88					
Analysis	48.00	14.04	2.80	1.46					
Analysis	46.40	7.62	3.46	9.01					
Goodwin Mill & Grain, Lampasas, Texas									
Lamtex Brand Mixed Feed	11.50	1.70	36.50	36.00					
Analysis	9.20	1.72	37.57	38.72					
My Mixs Dairy Feed	19.00	3.60	13.50	45.00					
Analysis ⁴²³	21.00	3.74	12.46	47.45					
Gore's Feed Store, Bill & Joe Comanche, Texas									
13% Protein Cow Feed	13.00	2.00	24.00	41.50					
Analysis	14.40	2.25	21.02	43.88					
16% Protein Cow Feed	16.00	2.70	17.00	43.50					
Analysis	15.05	3.41	10.87	49.96					
Grain Processing Corp., Muscatine, Iowa									
Grain Processing 101 Animal-Poultry Feed Supplement	30.00	6.00	6.00	30.00					
Analysis ⁴⁰⁸	30.80	8.41	8.38	36.15					
Analysis ⁴⁰⁸	29.40	7.91	8.46	39.35					
Analysis ⁴⁰⁸	33.20	6.38	6.62	38.52					
"Port City" Dried Corn Distillers Solubles	30.00	10.00	5.00	35.00					
Analysis ⁴⁰⁸	30.10	12.53	4.19	30.64					
Grams Mills, Adkins, Texas									
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00					
Analysis	9.30	2.18	11.13	64.42					
Analysis	8.18	1.83	12.88	66.34					

⁴⁰⁸Not tagged but tags furnished.
⁴¹⁰Found, not claimed: ground oats and a trace of cottonseed meal.
⁴¹¹Guaranty includes 5.06% equivalent protein from 1.74% urea.
⁴¹²Analysis includes 3.90% equivalent protein from 1.34% urea.
⁴¹³Sampled before registration.
⁴¹⁴Guaranty includes 5.21% equivalent protein from 1.79% urea.
⁴¹⁵Analysis includes 3% equivalent protein from 1.03% urea. Found, not claimed: cottonseed meal and linseed meal.
⁴¹⁶Found, not claimed: soybean meal, cottonseed meal, ground rye and bone meal.
⁴¹⁷Obsolete tags attached.
⁴¹⁸Guaranty includes 6.42% equivalent protein from 2.21% urea.
⁴¹⁹Analysis includes 6.95% equivalent protein from 2.39% urea.
⁴²⁰Guaranty includes 5.82% equivalent protein from 2% urea.
⁴²¹Analysis includes 5.96% equivalent protein from 2.05% urea. Found, not claimed: pulverized oats.
⁴²²Fat excessive.
⁴²³Not made according to registered formula.
⁴²⁶Ground corn cob excessive. Infested with mold.
⁴²⁶Found, not claimed: ground rice hulls. Not tagged but tags furnished.
⁴²⁷Sand and dirt excessive. Infested with mold.
⁴²⁸Infested with mold. Not tagged but tags furnished.
⁴²⁹Not tagged.
⁴³⁰Found, not claimed: grain sorghums and distillers' dried grains.
⁴³²Found, not claimed: ground cereal grasses and sorghum plants.
⁴³³Registration canceled.
⁴³⁴Claimed, not found: rice bran and soybean meal. Found, not claimed: cottonseed meal.
⁴³⁵Found, not claimed: ground peanut hulls, oat hulls, trace amounts of cottonseed meal, salt, defluorinated phosphate, fish meal and calcium carbonate.
⁴³⁶Obsolete tags attached.
⁴³⁷Misbranded: feed is pelleted.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Green Milling & Grain Company, C. L. Winters, Texas—Continued					Gulf Coast Federated Feed Association Houston, Texas—Continued				
C. L. Green's Pullet Developer All-Mash Analysis ⁴⁴²	16.50	3.60	7.00	52.00	Sweetheart Big "D" Laying Mash	18.00	3.00	8.00	47.50
C. L. Green's 16% Protein Laying Cage All-Mash For Poultry	17.40	4.40	6.35	59.63	Analysis	20.50	4.07	6.57	50.31
Analysis	16.00	3.50	6.50	54.00	Sweetheart 20% Protein Range Checkers	20.00	2.70	8.50	49.39
Analysis	16.40	3.85	6.76	57.89	Analysis	21.40	3.69	7.21	50.47
C. L. Green's Club Calf Fitting Feed	13.00	2.50	11.00	54.00	Big D Brand 18% Protein Dairy Feed	18.00	3.50	14.00	43.39
Analysis	15.30	2.92	8.85	53.66	Analysis	20.00	4.97	12.27	45.30
C. L. Green's Silver Bell 18% Protein Dairy Feed	18.00	3.50	9.50	51.00	Big D Brand 16% Protein Dairy Feed	16.00	3.00	14.00	44.00
Analysis	18.20	3.51	9.48	50.96	Analysis ⁴⁴⁷	18.00	4.76	11.92	46.51
C. L. Green's 20% Protein Range Cubes	20.00	3.50	9.00	45.00	Gulf Coast Rice Mills, Houston, Texas				
Analysis ⁴³⁸	19.75	2.86	7.52	51.30	Rice Bran Containing Limestone	11.00	10.00	15.00	35.00
Analysis ⁴³⁸	21.30	3.51	7.93	49.77	Analysis	12.15	15.21	10.59	41.63
C. L. Green's Drought Emergency Mixed Feed Cubes	20.00	2.50	8.50	47.00	Gulf Rendering By-Products Corporation Galveston, Texas				
Analysis ⁴³⁹	22.80	3.00	8.38	48.80	Oleander Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00
C. L. Green's Drought Emergency Feed Mix No. 1	16.00	3.00	5.00	58.50	Analysis	49.50	8.58	2.00	0.00
Analysis ⁴³⁹	19.50	2.83	7.05	54.13	Analysis	50.00	10.16	1.76	0.00
C. L. Green's Drought Emergency Feed Mix No. 2 (Revised)	15.00	3.50	5.00	59.00	Analysis	49.90	8.87	2.14	0.23
Analysis ⁴⁴²	15.00	3.73	4.76	62.12	Analysis	50.20	8.67	2.27	0.08
C. L. Green's Hog Feed	14.50	3.00	7.00	56.00	Analysis	49.30	9.72	1.83	0.11
Analysis	16.00	3.58	4.93	56.97	Analysis	49.40	8.47	1.84	6.65
C. L. Green's 38% Protein Hog Supplement	38.00	5.00	8.00	14.00	50% Protein Shrimp Meal	50.00	4.50	8.00	7.50
Analysis	37.60	7.06	7.85	19.50	Analysis	49.00	3.65	9.12	3.39
C. L. Green's Economy Brand Hog Feed	15.00	4.00	7.00	50.00	Oleander Brand 70% Protein Blood Meal	70.00	1.00	4.00	0.00
Analysis ⁴⁴⁰	17.60	3.64	7.65	53.01	Analysis	70.80	0.78	2.62	1.07
C. L. Green's Premium Brand Horse and Mule Feed	9.50	3.00	8.00	60.00	Gutierrez, Adolfo, Laredo, Texas				
Analysis ⁴⁴¹	11.35	3.21	5.48	62.25	Santanon Brand Horse and Mule Feed	10.30	3.00	8.50	59.00
C. L. Green's 21% Protein Turkey Grower	21.00	4.00	8.00	44.00	Analysis	10.50	4.45	7.49	62.81
Analysis ⁴⁴²	22.30	4.62	8.21	48.17	Diamond G Brand Hog Fattener	15.50	3.00	6.50	56.00
Economy Brand 14% Protein Range Feed Cubes	14.00	2.50	9.50	54.00	Analysis	16.75	3.87	6.13	57.81
Analysis	14.50	3.12	9.54	56.35	Hales and Hunter Co., Chicago, Illinois				
C. L. Green's 4 and 1 Range Feed	16.00	2.50	8.00	40.00	Red Comb Brand Broiler Mash—Containing Nitrophenide and Arsanilic Acid	20.00	3.00	6.00	49.00
Analysis	15.70	2.54	6.49	38.88	Analysis	22.40	3.84	5.39	50.50
C. L. Green's Special Sweet Feed	11.20	2.00	26.00	44.00	Red Comb Broiler Ration All-Mash—Containing Nitrophenide and Arsanilic Acid	18.00	3.00	6.00	48.00
Analysis ⁴⁴⁴	8.80	1.73	39.67	33.02	Analysis	19.10	4.69	5.20	55.78
Green Valley Cattle Co., San Marcos, Tex.					Red Comb Brand All-Mash Broiler Finisher—Containing Nitrophenide and Arsanilic Acid	18.00	3.00	5.50	50.00
20% Protein Dehydrated Alfalfa Meal	20.00	2.50	22.00	40.00	Analysis	19.10	4.31	4.20	53.55
Analysis	20.35	3.22	17.91	37.84	Hall & Fuqua Feed Mill, Rio Vista, Texas				
Analysis	23.00	3.18	16.42	37.26	Rite-Way Brand 14% Protein Hog Feed	14.00	3.50	4.00	57.50
Analysis	21.90	3.96	17.21	36.45	Analysis	15.90	4.16	3.51	59.98
Green Valley Farms, San Marcos, Texas					Hamilton Co., Walter, Dublin, Texas				
Dehydrated Green Corn	7.00	0.40	23.00	50.00	16% Protein Dairy Feed	16.00	3.50	10.50	50.00
Analysis ⁴⁴⁵	7.10	1.50	23.38	55.10	Analysis	16.77	3.92	10.27	48.99
Greenville Cotton Oil Company Greenville, Texas					Analysis	16.05	5.05	11.53	45.29
Red Rooster Brand 41% Protein Cottonseed Meal	41.00	4.00	12.00	25.00	Analysis ⁴⁴⁹	17.00	4.73	11.71	45.44
Analysis	41.05	5.43	12.13	27.58	Ranch King Brand 18% Protein Dairy Feed	18.00	3.50	11.00	47.50
Gross Feed Store, Bonham, Texas					Analysis ⁴⁴⁹	16.23	3.51	10.41	50.17
Peanut Hulls, Molasses, Cottonseed Meal, Limestone and Salt	9.30	1.90	40.00	32.00	Analysis	18.20	3.51	10.57	50.63
Analysis	9.40	1.94	39.87	31.65	Ranch King Brand Lay Mash	22.00	3.00	8.00	48.00
Economy Brand Dairy Feed	18.00	3.50	11.50	47.50	Analysis	22.50	3.11	5.08	62.55
Analysis	19.30	4.03	9.42	52.25	Analysis	22.20	4.43	7.12	50.43
Gulf Coast Federated Feed Association Houston, Texas					Hamilton Mill & Elevator Company Hamilton, Texas and Branches				
Alfalfa Meal and Cane Molasses	10.00	1.20	26.00	41.00	Hamco Laying All-Mash	15.00	3.50	7.00	52.00
Analysis ⁴⁴⁶	12.10	1.65	21.50	42.24	Analysis	17.30	3.92	4.92	55.33
Sweetheart 18% Protein Dairy Feed	18.00	3.00	9.50	49.00	Analysis	16.10	3.71	5.16	56.12
Analysis	17.53	3.05	10.00	51.62	Hamco Growing Mash	18.00	3.20	7.50	49.00
Analysis	17.65	3.35	8.81	50.80	Analysis	20.30	3.87	5.07	54.57
Analysis	19.30	3.05	8.84	51.30	Hamco 36% Protein Hog Concentrate	36.00	4.00	6.50	18.00
Analysis	17.20	4.08	9.45	48.49	Analysis ⁴⁵⁰	35.60	5.46	10.23	28.29
Analysis	18.20	3.09	9.49	50.73	Hamco Laying Mash	20.00	3.00	7.50	45.00
Sweetheart 16% Protein Dairy Feed	16.00	3.00	12.50	48.50	Analysis ⁴⁵⁰	21.00	4.70	5.04	50.34
Analysis	16.20	3.59	11.25	51.38	Analysis	21.70	4.61	5.04	48.23
Analysis	19.75	3.45	8.48	46.93	⁴³⁸ Claimed, not found: rice bran.				
Analysis	18.00	3.68	10.72	50.25	⁴³⁹ Incorrectly printed tags.				
Analysis	17.60	3.04	10.65	50.80	⁴⁴⁰ Found, not claimed: peanut meal and milo gluten feed.				
Analysis	16.00	3.48	10.91	52.14	⁴⁴¹ Found, not claimed: cottonseed meal.				
Analysis	16.00	4.03	10.37	52.17	⁴⁴² Obsolete tags attached.				
Analysis	16.40	3.62	9.32	52.35	⁴⁴³ Maximum salt guaranteed 17.03%, found 17.10%. Minimum calcium guaranteed 0.19%, found 1.96%. Minimum phosphorus guaranteed 0.05%, found 0.45%.				
Analysis	17.80	3.45	11.75	52.27	⁴⁴⁴ Found, not claimed: salt and calcium carbonate.				
Sweetheart 13% Protein Dry and Freshening Feed	13.00	2.80	11.00	49.50	⁴⁴⁵ Found, not claimed: molasses.				
Analysis	15.75	3.06	9.33	51.14	⁴⁴⁶ Found, not claimed: cottonseed meal, calcium carbonate, traces of soybean meal, meat and bone scrap, grain sorghum meal and oats.				
Analysis	16.50	3.44	9.30	50.59	⁴⁴⁷ Found, not claimed: bone meal.				
Sweetheart Laying Mash	20.00	3.50	6.50	46.00	⁴⁴⁸ Found, not claimed: rice hulls. Incorrectly printed tags attached.				
Analysis	21.60	5.51	5.09	48.25	⁴⁴⁹ Found, not claimed: cottonseed meal.				
Sweetheart 18% Protein Growing Mash	18.00	3.50	6.50	47.50					
Analysis	21.10	4.55	5.65	49.96					
Sweetheart Hoss-Laff Horse and Mule Feed	10.00	3.00	11.00	57.00					
Analysis	11.00	4.52	9.43	60.90					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitro-gen-free extract		Crude protein	Crude fat	Crude fiber	Nitro-gen-free extract
Hamilton Mill & Elevator Company Hamilton, Tex. and Branches—Cont.					Hickman Bros., Brownwood, Texas —Continued				
Hanco Rabbit Feed Pellets	17.50	2.50	13.00	48.00	Hickman Bros. Menu Brand 16% Protein Dairy Feed	16.00	3.20	8.00	50.00
Analysis	18.55	3.94	8.25	51.84	Analysis ⁴⁶⁶	18.15	4.58	10.48	49.16
Hanco 20% Protein Range Feed Cubes	20.00	4.20	7.80	52.00	Hickman Bros. Menu Brand 14.50% Protein Hog Fattener	14.50	3.00	7.00	56.00
Analysis ⁴⁵¹	20.50	3.79	8.74	49.49	Analysis	17.60	3.42	4.22	59.12
Hanco Green Economy Brand Laying Mash	20.00	3.00	8.00	45.00	Hicks Brokerage & Warehouse Co., C. M. Enid, Oklahoma				
Analysis ⁴⁵¹	20.30	9.79	7.42	42.71	Dried Buttermilk	32.00	5.00	1.00	35.00
Analysis	20.25	3.94	5.50	51.66	Analysis	32.90	4.09	.33	39.92
Hanco Green Range Feed Pellets	15.50	2.50	10.50	52.00	Analysis	32.60	3.48	.35	46.95
Analysis ⁴⁵²	19.70	3.73	6.06	51.12	Analysis	32.20	6.24	.45	42.30
Hamilton Rendering Co., Hamilton, Texas					Hill County Cotton Oil Company Hillsboro, Texas				
50% Protein Meat and Bone and Poultry By-Products Scraps	50.00	6.00	3.00	2.50	41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Analysis	55.00	11.43	2.58	3.74	Analysis	40.20	5.77	13.43	28.82
Analysis	53.50	11.48	2.25	6.16	Analysis	42.80	6.12	11.42	26.85
Analysis	57.30	13.15	2.22	2.43	Analysis	41.40	6.58	12.98	25.73
Harrison Feed & Grain Co., Jarrell, Texas					Hill Grain Co., C. F., Bartlett, Texas				
Country Pride Brand 20% Protein Laying Mash	20.00	3.50	7.50	46.00	Ear Corn Chop With Husk	8.00	3.00	10.00	65.00
Analysis	21.00	4.43	5.90	48.25	Analysis	8.70	2.92	10.00	66.70
Heath Mills and Feed Store Valley Mills, Texas					Analysis	7.75	2.89	12.75	65.12
Lay Valley Laying Mash	18.00	3.50	7.50	50.00	Hill Top Feed Co., Corsicana, Texas				
Analysis	19.50	3.51	6.90	51.85	Hill Top 16% Protein Dairy Feed	16.00	3.00	10.50	49.50
Heckle Bros., Inc., Memphis, Tenn.					Analysis	16.00	3.02	8.73	54.80
44% Protein Solvent Process Soybean Meal	44.00	0.50	7.00	27.00	Hill Top 14% Protein Creep Feed	14.00	2.80	11.00	53.50
Analysis ⁴⁵³	46.60	1.90	6.87	29.26	Analysis	14.80	3.74	9.37	55.28
Heid Bros., El Paso, Texas					Hi-Yield Plant Food Co. Mount Pleasant, Texas				
Laying Mash	18.00	4.00	8.00	46.00	Lone Eagle Brand 16% Protein Dairy Feed	17.00	3.30	13.50	46.00
Analysis ⁴⁵⁴	18.50	4.28	6.81	53.88	Analysis ⁴⁵⁷	18.35	2.92	10.12	52.01
H. B. Hog Feed	14.00	3.00	8.00	55.00	Analysis ⁴⁵⁴	16.40	3.38	13.62	49.21
Analysis ⁴⁵⁵	15.45	3.54	12.94	52.58	Hodge Grain Co., C. B., Salado, Texas				
Henderson Grain Co., Abilene, Texas					Hodge 16% Protein Dairy Feed	16.00	3.00	7.50	49.00
13% Protein Mixed Feed	13.00	3.30	4.50	62.00	Analysis ⁴⁵⁹	16.20	3.50	5.96	57.88
Analysis	13.10	3.38	4.12	65.74	Hodge 36% Protein Hog Supplement	36.00	4.00	8.00	18.00
H and H Mixed Feed	11.80	1.70	38.00	36.00	Analysis	36.20	9.04	9.32	18.85
Analysis ⁴⁵⁶	11.50	1.73	32.19	41.60	Hollingsworth Feed Mill, Gatesville, Texas				
16% (Equivalent) Protein Range Feed No. 1 ⁴⁵⁷	16.00	2.50	5.00	60.00	Ear Corn Chop With Husk	8.00	3.00	10.00	65.00
Analysis ⁴⁵⁸	18.80	2.51	4.12	61.46	Analysis ⁴⁷⁰	8.07	2.39	8.00	64.47
16% (Equivalent) Protein Range Feed No. 2 ⁴⁵⁷	16.00	3.00	5.00	60.00	Golden Harvest Special Brand Laying Mash	18.00	2.50	7.50	50.50
Analysis ⁴⁵⁹	17.00	3.10	4.20	62.48	Analysis	20.00	3.37	7.45	52.80
20% (Equivalent) Protein Range Feed No. 1 ⁴⁶⁰	20.00	2.50	5.50	57.00	11% Protein Sweet Feed	11.00	1.70	24.00	43.00
Analysis ⁴⁶¹	21.00	2.58	4.37	58.94	Analysis ⁴⁷¹	13.10	2.09	21.38	47.36
20% (Equivalent) Protein Range Feed No. 2 ⁴⁶⁰	20.00	3.00	5.50	59.00	Holtville Alfalfa Mills, Inc., Holtville, Calif.				
Analysis ⁴⁶²	20.20	3.03	4.40	60.80	Imperial Brand 17% Protein Dehydrated Alfalfa Meal	17.00	2.00	28.00	32.00
Henderson Sales Co., Dublin, Texas					Analysis ⁴⁷²	18.50	2.80	20.18	32.38
Ground Alfalfa	13.00	1.50	33.00	35.00	Analysis	17.00	2.28	21.17	33.53
Analysis ⁴⁶³	20.35	2.39	22.95	37.23	Analysis ⁴⁷²	19.50	2.50	20.40	36.90
Number 1 Mixed Feed	15.00	3.00	13.50	49.00	Analysis	20.10	2.11	22.77	37.19
Analysis	15.95	4.17	13.26	50.79	Analysis ⁴⁷³	19.50	2.25	26.02	32.74
Analysis	16.00	4.11	12.59	50.12					
Analysis	17.30	3.00	12.65	52.18	⁴⁵¹ Claimed, not found: rice bran.				
Ed Leatherwood No. 41	18.50	3.00	9.50	48.00	⁴⁵² Not made according to registered formula. Not tagged but tags furnished.				
Analysis	18.55	4.27	8.53	51.20	⁴⁵³ Misbranded: sample is a mixture of soybean meal and cottonseed meal. Microestimations: soybean meal 77.88% and cottonseed meal 22.12%.				
Hendricks Brothers, Melissa, Texas					⁴⁵⁴ Not made according to registered formula.				
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	⁴⁵⁵ Found, not claimed: linseed meal. Claimed, not found: soybean meal.				
Analysis	9.60	3.01	9.90	65.56	⁴⁵⁶ Found, not claimed: ground gin trash, grain sorghum meal, alfalfa meal and trace of peanut meal and oats.				
Analysis ⁴⁶⁴	8.40	3.02	11.18	64.82	⁴⁵⁷ Guaranty includes 5.24% equivalent protein from 1.80% urea.				
Analysis	10.30	3.60	8.26	65.53	⁴⁵⁸ Analysis includes 4.25% equivalent protein from 1.46% urea.				
H & H 16% Protein Dairy Feed	16.00	3.00	14.00	47.50	⁴⁵⁹ Analysis includes 4.36% equivalent protein from 1.50% urea.				
Analysis	18.00	3.01	12.12	49.62	⁴⁶⁰ Guaranty includes 6.55% equivalent protein from 2.25% urea.				
Henkhaus Gin and Feed Co., Shiner, Texas					⁴⁶¹ Analysis includes 3.50% equivalent protein from 1.20% urea.				
Hen House Brand 20% Protein Laying Mash	20.00	3.50	8.00	45.00	⁴⁶² Analysis includes 5.65% equivalent protein from 1.94% urea.				
Analysis	21.90	3.53	7.01	46.95	⁴⁶³ Infested with mold. Not tagged but tags furnished.				
Hereford Milling Co., Hereford, Texas					⁴⁶⁴ Ground corncob and husk excessive.				
Hereford Brand Chick Starter All-Mash	18.00	2.50	6.50	54.00	⁴⁶⁵ Claimed, not found: peanut meal.				
Analysis	20.70	3.15	5.06	55.39	⁴⁶⁶ Found, not claimed: ground rice hulls. Claimed, not found: peanut meal.				
Hereford Brand Layer Ration	20.00	2.50	7.00	48.00	⁴⁶⁷ Found, not claimed: cottonseed meal and alfalfa meal. Claimed, not found: soybean meal and ground peanut hay.				
Analysis	21.60	3.24	5.51	51.48	⁴⁶⁸ Found, not claimed: soybean meal.				
Hickman Bros., Brownwood, Texas					⁴⁷⁰ Sand and dirt excessive. Short weight.				
Ground Whole Barley	11.00	1.50	6.00	65.00	⁴⁷¹ Found, not claimed: ground corn husk, ground barley and oats, alfalfa, ground peanut vines and salt.				
Analysis	12.30	2.24	4.51	68.13	⁴⁷² Sand and dirt excessive.				
Ground Hegari	10.00	2.50	3.00	70.00	⁴⁷³ Not tagged but tags furnished.				
Analysis	13.60	3.08	2.50	73.00					
Ground Whole Oats	11.00	4.00	12.00	58.00					
Analysis	13.60	5.73	11.94	55.08					
Home-Made 16% Protein Dairy Ration	16.00	2.50	16.00	40.00					
Analysis ⁴⁶⁵	15.75	3.72	13.86	50.14					
Hickman Bros. Menu Brand 20% Protein Laying Mash	20.00	3.00	8.00	40.00					
Analysis	20.75	4.20	5.29	51.91					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Home Mix Feed Co., Austin, Texas					Hou-Tex Grain Co., Houston, Texas				
Our-Own Brand Laying Mash	20.00	3.50	7.50	44.50	Master Mix Brand Hog Ration	14.00	5.00	8.00	51.00
Analysis	22.20	4.40	7.34	48.02	Analysis ⁴⁹³	14.50	5.73	5.63	56.07
Boone Heep Mix	16.00	2.50	10.50	48.00	Howard's Feed, Seed and Fertilizer				
Analysis	18.35	3.46	9.03	49.86	Littlefield, Texas				
Honaker Grain & Hatchery Company					Ear Corn Chop With Husk	8.00	3.00	10.00	65.00
Farmersville, Texas					Analysis	10.00	3.13	7.15	68.24
Best Maid Brand Dairy Feed	17.00	3.00	15.00	43.00	Howard's Lay Mash "A"	18.50	3.00	4.00	58.00
Analysis	17.80	3.66	12.24	48.32	Analysis	20.20	3.89	3.16	50.32
Honor Bilt Feed Mills, Inc., Mangum, Okla.					Howard's Hog Feed "A"	15.00	3.00	5.00	62.00
Crimped Oats	11.00	2.50	11.00	60.00	Analysis ⁴⁹⁴	17.70	3.38	3.90	60.46
Analysis	11.90	4.24	11.00	58.89	H & S Dehydrating Co., Vernon, Texas				
Honor Bilt Broiler All-Mash	18.00	4.00	8.00	50.00	H & S Brand 17% Protein Dehydrated				
Analysis ⁴⁷⁴	20.20	4.19	5.70	48.57	Alfalfa Meal	17.00	1.50	28.00	35.00
Honor Bilt Chick Growing Mash	17.00	3.00	8.00	50.00	Analysis	18.30	2.94	23.56	39.16
Analysis ⁴⁷⁵	20.20	5.34	8.00	50.80	Huffington, J. M., Hockley, Texas				
Honor Bilt Starter and Developer All-Mash	20.00	4.00	6.00	50.00	Huffington Ranch Livestock Feed	12.00	3.00	16.00	40.00
Analysis ⁴⁷⁶	22.00	4.21	5.38	51.69	Analysis	15.15	5.69	11.97	40.28
Analysis ⁴⁷⁶	21.10	4.15	5.70	50.15	Analysis	14.05	5.22	14.67	42.81
Honor Bilt 18% Protein Egg Mash	18.00	3.00	8.00	51.00	Huffington Ranch Starter-Grower Mash	20.00	4.00	7.00	45.00
Analysis	19.40	4.66	6.82	52.49	—Containing Nitrofurazone	21.75	4.92	4.25	46.85
Honor Bilt 20% Protein Cattle Feed	20.00	3.00	15.00	46.00	Analysis	20.00	4.00	7.00	45.00
Analysis	21.30	4.50	8.22	47.59	Huffington Ranch Starter-Grower Mash	20.00	4.00	7.00	45.00
Hormel & Co., Geo. A., Dallas, Texas					—Containing Nitrophenide	21.40	5.75	6.80	47.17
Red Seal 48% Protein Meat and Bone					Analysis	18.00	3.50	7.00	47.17
Scraps	48.00	6.00	3.00	0.00	Analysis	23.00	5.16	6.62	46.50
Analysis ⁴⁷⁷	43.30	10.61	2.98	3.05	Huffington Ranch 14% Protein Live-				
Horse-Shoe Mills, Inc., Pine Bluff, Ark.					stock Feed	14.00	5.00	10.00	42.00
Muleshoe 16% Protein Dairy Ration	16.00	2.50	21.00	40.00	Analysis	15.95	8.07	7.76	45.17
Analysis ⁴⁷⁸	17.60	1.47	13.20	44.53	Huffington Ranch 17% Protein Dairy				
Analysis ⁴⁷⁹	15.95	2.62	12.94	46.03	Feed	17.00	2.50	9.00	44.00
Horton, Hal C., Greenville, Texas					Analysis	20.00	6.22	6.31	44.17
Red Diamond 14% Protein Creep Feed					Analysis	18.60	5.88	10.51	45.67
Cubes	14.00	2.80	10.00	50.00	Huffington Ranch 17% Protein Range				
Analysis	16.80	2.87	8.70	52.52	Cubes	17.00	3.00	16.00	40.00
Red Diamond 20% Protein Start-Grow-					Analysis	19.00	4.55	12.19	43.62
Lay Mash	20.00	3.00	6.00	49.00	Analysis	19.60	6.62	11.29	44.18
Analysis	21.30	3.20	4.99	52.18	Hunter Milling Company, The				
Red Diamond 18% Protein Laying Mash	18.00	3.00	8.00	47.00	Wellington, Kansas				
Analysis	19.50	3.59	7.36	50.61	Wheat Bran	14.50	3.50	10.00	59.60
Houston County Grain Co., Crockett, Texas					Analysis	18.05	3.86	9.51	51.89
Cottonseed Hulls and Cottonseed Meal	11.40	1.50	38.00	37.00	Wheat Standard Middlings and Screen-				
Analysis ⁴⁸⁰	12.00	1.83	35.83	37.27	ings	16.00	3.50	9.50	53.00
Houston Packing Company, Houston, Tex.					Analysis	17.00	4.16	7.69	55.41
Houston's 50% Protein Meat and Bone					Iley and Sons Hatchery, Gonzales, Texas				
Scraps	50.00	5.00	4.50	0.00	Iley's Broiler-Growing Mash (Special)	21.00	3.50	4.00	52.00
Analysis ⁴⁸¹	47.90	11.18	1.92	4.32	Analysis	22.20	3.53	3.22	55.58
Analysis	47.80	12.63	1.98	2.51	Iley Poultry & Feed, Center, Texas				
Analysis ⁴⁸²	45.00	13.33	2.08	4.07	Iley Broiler Finisher—Containing Nitro-				
Analysis	45.80	11.89	1.61	3.01	furazone and Arsanilic Acid	18.00	2.50	5.00	54.00
Analysis	49.70	12.13	1.65	.67	Analysis	18.70	3.30	3.31	57.58
Analysis	49.50	12.96	1.65	2.05	Iley Broiler Mash—Containing Nitro-				
Analysis	54.40	9.45	2.01	.05	furazone and Arsanilic Acid	20.00	2.50	5.00	51.00
Analysis	50.60	10.36	1.59	1.97	Analysis	21.00	3.62	3.03	55.36
Analysis	51.00	10.56	2.32	2.62	Iley Poultry & Feed, Gonzales, Texas				
Analysis	50.00	11.30	1.34	.78	B & I Special Broiler Feed	20.00	3.00	5.00	53.00
Analysis ⁴⁸³	49.40	10.11	1.36	1.56	Analysis ⁴⁸⁵	20.45	3.47	4.56	60.51
Analysis ⁴⁸⁴	48.00	9.58	1.63	2.52	Iley Broiler Mash—Containing Nitro-				
Analysis ⁴⁸⁴	52.00	8.00	1.51	3.82	furazone	20.50	2.50	4.50	51.00
Analysis	47.00	9.58	1.39	7.01	Analysis	21.50	3.59	3.44	55.27
Houston's 60% Protein Meat and Bone					⁴⁷⁴ Found, not claimed: fish meal.				
Meal Digester Tankage	60.00	6.00	4.00	2.00	⁴⁷⁵ Found, not claimed: milo gluten feed.				
Analysis	57.60	8.24	1.68	2.37	⁴⁷⁶ Found, not claimed: rice bran. Claimed, not found: dried buttermilk.				
Analysis	64.60	9.09	1.10	1.41	⁴⁷⁷ Paunch content excessive.				
Houston's 50% Protein Meat and Bone					⁴⁷⁸ Found, not claimed: peanut meal.				
Meal Digester Tankage	52.00	7.31	1.35	.76	⁴⁷⁹ Claimed, not found: ground peanut hulls. Calcium carbonate				
Analysis					excessive.				
Sunshine Brand 38% Protein Hog Supple-					⁴⁸⁰ Found, not claimed: salt.				
ment	36.00	4.00	6.00	16.50	⁴⁸¹ Blood meal, paunch content and skin tissue excessive.				
Analysis ⁴⁸⁵	34.60	9.03	6.00	21.99	⁴⁸² Paunch content and fat excessive.				
Sunshine Brand 14% Protein Hog and					⁴⁸³ Found, not claimed: calcium carbonate. Blood meal excessive.				
Sow Feed	14.00	4.50	7.00	45.00	⁴⁸⁴ Found, not claimed: calcium carbonate. Paunch content and blood				
Analysis	20.05	6.37	5.27	46.29	meal excessive.				
Analysis	14.50	6.97	5.00	52.44	⁴⁸⁵ Found, not claimed: rice bran.				
38% Protein Supplement For Hogs	38.00	4.30	6.50	15.50	⁴⁸⁶ Found, not claimed: beet pulp, grain sorghum meal and crimped				
Analysis ⁴⁸⁵	33.30	6.37	7.61	25.67	barley.				
Sunshine Brand 16% Protein Dairy Feed	16.00	4.50	10.00	44.50	⁴⁸⁷ Found, not claimed: citrus pulp, rice bran and ground barley.				
Analysis ⁴⁸⁶	16.60	7.14	8.94	43.74	Claimed, not found: milo meal and soybean meal.				
18% Protein Dairy Feed	18.00	3.00	9.00	49.00	⁴⁸⁸ Guaranty includes 4.50% equivalent protein from 3.10% urea.				
Analysis ⁴⁸⁷	18.50	5.77	11.71	44.32	⁴⁸⁹ Analysis includes 13.44% equivalent protein from 4.62% urea.				
H. P. 41% (Equivalent) Protein Supple-					Found, not claimed: blood meal.				
ment For Cattle ⁴⁸⁸	41.00	3.00	9.00	23.00	⁴⁹⁰ Calcium carbonate 5.36% excessive. Found, not claimed: blood				
Analysis ⁴⁸⁹	41.20	4.35	9.90	23.99	meal. Claimed, not found: dried skimmed milk.				
Sunshine Brand 40% Protein Hog Supple-					⁴⁹¹ Guaranty includes 1.60% equivalent protein from 0.55% urea.				
ment	40.00	4.50	5.00	13.50	⁴⁹² Analysis includes 1.20% equivalent protein from 0.41% urea. Rice				
Analysis ⁴⁹⁰	38.60	5.66	6.62	20.27	hulls substituted for cottonseed hulls.				
Analysis	37.60	5.40	5.95	23.57	⁴⁹³ Found, not claimed: milo meal and red dog flour. Claimed, not				
Sunshine Brand 11% (Equivalent) Pro-					found: fish meal and linseed meal.				
tein Steer and Calf Fattener ⁴⁹¹	11.00	2.50	18.00	47.00	⁴⁹⁴ Found, not claimed, linseed meal. Salt excessive.				
Analysis ⁴⁹²	11.40	3.35	17.38	47.72	⁴⁹⁵ Found, not claimed: corn gluten meal.				

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Iley Poultry & Feed, Gonzales, Texas —Continued					Johnston Feed Co., Tyler, Texas				
Iley Broiler Finisher—Containing Nitrofurazone	18.00	2.50	5.00	54.00	Special Brand 16% Protein Dairy Feed	16.00	2.50	12.50	47.00
Analysis	19.40	5.20	3.58	60.75	Analysis ⁵¹¹	16.40	2.56	8.36	53.34
IMCO Mills, Nacogdoches, Texas					Jones Feed Company, Beaumont, Texas				
IMCO Brand 16% Protein Dairy Feed	16.00	3.00	9.50	47.00	Bojak Brand 18% Protein Dairy Feed	18.00	3.30	9.00	50.00
Analysis ⁴⁹⁶	16.70	3.42	10.25	51.13	Analysis ⁵¹²	18.82	3.33	7.91	49.02
IMCO Finishing Mash—Containing Arsanilic Acid and Nitrofurazone	18.00	2.50	6.00	50.00	Analysis	18.00	6.77	7.31	48.77
Analysis	18.30	3.73	3.56	56.41	Analysis	19.00	4.07	8.27	50.19
IMCO Broiler Mash—Containing Arsanilic Acid and Nitrofurazone	20.00	2.50	5.50	48.00	Josey-Miller Co., Inc., Beaumont, Texas				
Analysis ⁴⁹⁷	21.80	2.96	3.08	54.94	Finely Ground Corn	9.00	3.50	3.00	70.00
Analysis	19.75	3.72	3.27	54.56	Analysis	8.90	3.95	1.85	71.50
IMCO Brand Broiler Mash—Containing Sulfaquinoxaline	21.00	3.00	4.50	51.00	Hominy Feed and Molasses	8.00	4.50	5.00	58.00
Analysis ⁴⁹⁸	19.75	6.07	3.42	52.87	Analysis	9.60	4.50	3.10	67.39
IMCO Brand 18% Protein Dairy Feed	18.00	3.00	9.50	48.00	Analysis	8.40	4.64	3.26	67.86
Analysis	19.30	4.42	9.48	47.85	Jomboli Mixed Feed	13.00	2.50	19.00	45.00
Analysis ⁴⁹⁹	18.00	4.11	9.44	47.88	Analysis ⁵¹³	12.10	4.28	17.26	46.29
IMCO Brand 15% Protein Egg Mash	15.00	3.00	8.00	48.00	Sweet Sue 16% Protein Dairy Ration	16.00	3.00	19.00	40.00
All-Mash	15.00	3.00	8.00	48.00	Analysis	16.10	3.73	15.43	40.56
Analysis	20.15	3.34	5.61	53.17	Analysis	17.70	3.08	16.67	43.91
Imperial Sugar Co., Sugar Land, Texas					Big Jo Dairy Feed	18.00	3.50	10.50	46.00
Cane Molasses	1.50	0.00	0.00	65.00	Analysis ⁵¹⁰	18.30	4.53	11.66	44.19
Analysis ⁵⁰⁰	3.30	0.00	0.00	0.00	Big 18% Protein Dairy Ration	18.00	3.50	16.00	40.00
Analysis ⁵⁰¹	2.50	0.00	0.00	0.00	Analysis ⁵¹⁶	18.15	4.47	15.74	43.03
Analysis ⁵⁰²	0.00	0.00	0.00	0.00	Analysis ⁵¹⁷	18.10	3.17	15.83	41.22
Analysis ⁵⁰³	0.00	0.00	0.00	0.00	Egg-Mash	18.00	4.00	8.00	46.00
Analysis ⁵⁰²	0.00	0.00	0.00	0.00	Analysis	20.15	7.07	7.69	43.20
					Analysis	20.00	8.43	8.00	41.03
Ingvorsen Feed Co., Jim, Canadian, Texas					B. P. S. Mixed Feed	11.50	6.50	10.50	48.00
Remarkable Brand 17% Protein Dairy Feed	17.00	2.50	11.50	49.00	Analysis	12.30	11.44	7.56	46.36
Analysis	20.40	3.40	9.58	48.71	Analysis ⁵¹⁸	14.00	9.60	7.41	49.75
International Milling Co., Greenville, Texas					Mo-Cream 16% Protein Dairy Feed	16.00	3.70	12.70	53.00
Target Brand Wheat Bran	14.50	3.50	10.00	50.00	Analysis ⁵¹⁰	13.00	6.02	9.30	48.97
Analysis	15.90	4.04	10.76	52.59	Analysis ⁵¹⁹	16.60	5.85	8.80	50.32
Target Brand Wheat Mixed Feed	15.00	3.50	8.50	52.00	Analysis ⁵²⁰	16.30	4.77	7.64	53.33
Analysis	16.90	3.91	8.29	55.43	Jo-Mil Special Growing Mash	18.00	4.00	7.50	51.00
International Milling Company					Analysis ⁵²¹	18.50	6.02	7.47	49.63
Minneapolis, Minnesota					Jo-Mil 5 Point Laying Mash	20.00	4.00	8.00	44.00
Blackhawk Wheat Standard Middlings and Screenings	16.00	3.00	9.50	52.00	Analysis	22.35	8.10	7.18	39.38
Analysis ⁵⁰⁴	18.23	4.51	9.25	56.47	Analysis ⁵²²	22.90	8.58	7.91	35.89
IMCO Wheat Gray Shorts	16.00	3.50	6.00	55.00	Jo-Mil Special Starting Mash	20.00	4.00	7.00	46.00
Analysis	17.50	4.24	6.80	54.79	Analysis ⁵²³	20.50	5.98	5.42	47.66
Interstate By-Products & Supply Co.					Ideal Brand Starting Mash	20.00	4.00	6.00	47.00
Port Worth, Texas					Analysis	18.15	4.44	6.00	55.21
Interstate 20% Protein Steamed Bone Meal	20.00	1.00	3.00	0.00	Kalmbach-Burckett Co., Shreveport, La.				
Analysis ⁵⁰⁵	23.37	2.98	2.43	6.47	Queen Bee Dairy Feed	24.00	3.00	15.00	40.00
Interstate 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	Analysis	22.65	3.78	13.97	38.87
Analysis ⁵⁰⁶	48.40	9.61	2.94	3.66	Lucky Bird Laying Mash—Pelleted	18.00	3.50	8.00	45.00
Analysis ⁵⁰⁶	50.40	8.67	2.85	1.36	Analysis	19.35	6.38	7.25	46.50
Analysis	50.00	9.59	2.93	1.00	Circle Brand Dry and Freshener Feed	12.00	3.00	15.00	42.00
Analysis	53.80	7.27	2.36	1.46	Analysis ⁵²⁴	12.40	5.37	10.19	53.33
Analysis ⁵⁰⁶	50.20	8.77	2.90	.67	King Bee Mixed Feed	9.00	2.00	8.00	58.00
Analysis ⁵⁰⁷	51.40	10.26	2.83	1.68	Analysis ⁵⁰⁴	10.10	4.47	7.51	61.30
Interstate 45% Protein Supplement For Swine	45.00	6.00	5.00	5.00	⁴⁹⁸ Found, not claimed: alfalfa meal and corn meal. Claimed, not found: milo gluten feed.				
Analysis ⁵⁰⁷	47.70	10.14	3.84	1.89	⁴⁹⁷ Found, not claimed: grain sorghum meal.				
Iowa Milling Co., Cedar Rapids, Iowa					⁴⁹⁸ Found, not claimed: corn gluten meal and bone meal. Claimed, not found, milo meal and meat and bone scraps.				
Hygrade Brand 44% Protein Solvent Extracted Soybean Meal	44.00	0.50	7.00	28.00	⁴⁹⁹ Found, not claimed: clover meal and corn meal. Claimed, not found: soybean meal.				
Analysis	43.75	2.87	6.63	30.49	⁵⁰⁰ Degrees Brix: 80.40.				
Iowa Soya Co., Redfield, Iowa					⁵⁰¹ Degrees Brix: 80.80.				
Redfield Brand 44% Protein Solvent Process Soybean Oil Meal	44.00	0.50	7.00	29.00	⁵⁰² Degrees Brix: 81.08.				
Analysis ⁵⁰⁸	44.30	1.13	5.33	32.73	⁵⁰³ Degrees Brix: 78.76.				
Analysis	45.50	1.14	5.28	30.90	⁵⁰⁴ Sampled before registration.				
Analysis	44.40	1.70	6.50	30.45	⁵⁰⁵ Misbranded: product is a mixture of bone meal and calcium carbonate.				
Analysis	43.60	1.46	6.91	32.44	⁵⁰⁶ Found, not claimed: calcium carbonate.				
Jacksacks Grain Co., W. F., Plainview, Texas					⁵⁰⁷ Paunch contents and hoof meal excessive.				
Mixed Feed	16.50	2.50	6.50	54.00	⁵⁰⁸ Not tagged.				
Analysis	17.20	3.82	4.37	58.62	⁵⁰⁹ Found, not claimed: soybean meal.				
Jackson Co., F. G., Harlingen, Texas					⁵¹⁰ Not made according to registered formula.				
Jackson's Hog Feed	15.00	3.00	5.00	57.00	⁵¹¹ Found, not claimed: corn gluten feed.				
Analysis ⁵⁰⁹	16.20	3.23	5.50	56.82	⁵¹² Found, not claimed: rice bran.				
Jackson, W. R., Brownsville, Texas					⁵¹³ Found, not claimed: ground rice hulls and defluorinated phosphate. Claimed, not found: corn screenings.				
Jackson's Special 18% Protein Dairy Ration	18.00	4.00	18.00	43.00	⁵¹⁴ Found, not claimed: ground rice hulls. Claimed, not found: soybean meal.				
Analysis ⁵¹⁰	24.50	4.13	8.03	47.13	⁵¹⁵ Infested with mold.				
Johansen Farm Supply, Cozad, Nebraska					⁵¹⁶ Found, not claimed: rice hulls and grain sorghum gluten feed. Claimed, not found: rice bran and soybean meal.				
Johansen's Suncured Alfalfa Meal	13.00	1.00	33.00	35.00	⁵¹⁸ Calcium carbonate excessive. Found, not claimed: fish meal and a trace of cottonseed meal.				
Analysis	12.40	1.28	34.82	34.58	⁵¹⁹ Found, not claimed: milo gluten feed. Claimed, not found: corn gluten feed.				
Analysis	13.35	1.22	35.79	30.47	⁵²⁰ Found, not claimed: milo gluten feed.				
					⁵²¹ Found, not claimed: fish meal.				
					⁵²² Found, not claimed: corn gluten meal.				
					⁵²³ Claimed, not found: pulverized oats and buttermilk. Found, not claimed: fish meal.				
					⁵²⁴ Found, not claimed: cottonseed meal, rice bran and beet pulp. Not tagged but tags furnished.				

Table 8. Guarantied composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Kansas Milling Co., The, Wichita, Kansas					Kimbell-Diamond Milling Company				
Wheat Bran and Screenings	14.50	3.00	10.00	50.00	Fort Worth, Texas and Branches				
Analysis	16.45	4.27	9.92	53.65	Continued				
Kansas Soya Products Co., Inc.					Thrifty Brand 16% Protein Dairy Ration				
Emporia, Kansas					Continued				
Sunflower Brand 44% Protein Solvent					Analysis	16.00	2.61	12.84	46.47
Extracted Soybean Meal	44.00	0.50	6.00	31.00	Analysis ⁵⁴²	14.45	2.54	15.70	45.13
Analysis ⁵²⁶	44.20	1.81	4.94	32.51	Thrifty Brand Egg Mash	18.00	2.50	8.00	48.00
Analysis ⁵²⁷	47.50	1.22	6.02	28.49	Analysis	17.80	3.40	5.91	55.94
Analysis ⁵²⁸	46.70	1.16	5.39	29.80	Analysis	17.50	3.48	5.49	57.06
Analysis	46.30	1.39	6.00	31.35	Thrifty Brand Egg Mash Bits	18.00	2.50	8.00	48.00
Analysis	46.80	1.21	5.64	30.01	Analysis	16.50	4.27	5.29	56.80
Sunflower Brand 44% Protein Solvent					Thrifth Brand Egg Mash Pellets	18.00	2.50	8.00	48.00
Extracted Soybean Meal	44.00	0.50	7.00	29.00	Analysis	17.23	4.61	4.87	56.47
Analysis ⁵²⁹	45.60	3.73	5.60	29.76	Analysis	22.45	3.33	6.74	50.94
KB Feed Store, Oglesby, Texas					Analysis	19.00	4.16	6.00	52.89
Mixed Hog Feed	14.00	2.50	5.00	60.00	Thrifty Brand 14% Protein Hog Feed	14.00	2.50	8.00	50.00
Analysis	15.70	4.66	4.12	59.82	Analysis ⁵⁴²	18.15	4.99	4.21	56.78
Mixed Cow Feed	15.50	3.20	12.00	60.00	Kimco Cattle Feed Cubes	12.00	2.60	15.00	48.00
Analysis	16.50	3.34	10.55	53.23	Analysis ⁵⁴²	22.00	2.70	1.49	55.46
Kearns Grain & Seed Co., Inc., The					Kimbell 32% Protein Cattle Cubes	32.00	3.00	10.00	30.00
Amarillo, Texas					Analysis ⁵³⁹	32.15	1.83	8.52	40.40
Kearns Big K Egg Mash	20.50	4.00	7.60	45.00	Kimbell's 16% Protein Dairy Feed	16.00	3.00	13.00	48.00
Analysis ⁵³⁰	21.20	4.30	6.36	48.03	Analysis ⁵⁴²	17.00	2.02	10.94	51.32
Kearns Big K 20% Protein Range Feed	20.00	3.00	9.00	43.50	Analysis ⁵⁴²	16.30	3.05	10.80	51.43
Analysis	18.50	3.05	8.52	48.04	Analysis ⁵⁴²	15.30	2.15	9.03	53.61
Keesee Alfalfa Milling Co., Wiley, Colorado					Analysis ⁵⁴²	14.90	3.01	10.52	54.64
Dehydrated Alfalfa Meal	17.00	1.50	28.00	35.00	Kimbell's 5 Egg Mash	20.00	2.50	7.50	46.00
Analysis ⁵²⁶	16.85	3.00	25.42	38.86	Analysis	19.20	2.79	4.59	52.80
Analysis ⁵²⁶	16.35	2.37	24.09	36.81	Analysis	18.50	3.34	5.61	55.07
Kelley Grain & Hatchery, J. F.					Analysis ⁵⁴³	18.65	3.96	5.63	55.02
Burk Burnett, Texas					Kimbell's 5 Egg Mash Bits	20.00	2.50	6.50	49.00
Kelley's Big "K" Egg Mash	18.00	3.50	6.50	50.00	Analysis	21.50	3.24	5.72	56.80
Analysis ⁵³¹	19.30	4.51	8.19	51.19	Kimbell's 5 Egg Mash Pellets	20.00	2.50	6.50	49.00
Kellogg's & Sons, Inc., Spencer					Analysis	20.70	3.92	6.95	46.63
Buffalo, New York					Analysis	20.80	3.75	6.40	49.73
Spencer Kellogg's 44% Protein Toasted					Kimbell's 5 Egg Mash Pellets	20.00	2.50	7.50	46.00
Soybean Meal—Solvent Extracted	44.00	0.50	7.00	27.00	Analysis	18.60	3.56	4.76	56.83
Analysis ⁵²⁷	44.50	.95	6.28	32.20	KB Grow Bits	17.00	2.50	7.50	48.00
Spencer Kellogg's 41% Protein Soybean					Analysis ⁵⁴³	20.50	3.03	5.73	45.00
Oil Meal	0.00	0.00	0.00	0.00	KB Growing Mash	17.00	2.50	7.50	48.00
Analysis ⁵³³	41.30	1.19	7.11	33.12	Analysis	13.70	3.01	3.34	66.25
Spencer Kellogg's 34% Protein Old Process					Analysis	18.20	3.99	5.21	54.43
(Expeller) Linseed Oil Meal	34.00	4.00	10.00	35.00	Kimbell's Growing Mash	18.00	2.50	6.00	54.00
Analysis ⁵³⁴	39.00	6.53	9.93	30.92	Analysis	18.00	3.51	7.37	52.74
Kenedy Cotton Oil Mill, Kenedy, Texas					Analysis	18.65	3.62	6.00	53.67
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00	KB Starting All Mash	20.00	2.50	6.00	51.00
Analysis	41.00	6.66	10.41	27.86	Analysis	20.60	3.48	4.33	58.12
Analysis	43.90	7.10	9.94	26.66	Kimbell's Creep Feed Pellets	14.00	2.50	8.50	52.00
Analysis	41.60	6.26	11.56	27.77	Analysis	15.00	3.35	7.01	59.92
Analysis	45.20	6.28	10.22	26.31	Kingsburg Cotton Oil Company				
Kent and Burke Implement Company					Kingsburg, California				
Frederick, Oklahoma					Chuck Wagon Brand 28% Protein				
Alfalfa Meal	13.00	1.50	33.00	35.00	Whole-Pressed Cottonseed Meal	28.00	3.00	24.00	6.00
Analysis ⁵³⁵	13.00	3.50	32.47	36.79	Analysis ⁵³⁴	28.00	4.65	21.58	32.41
Kent Co., The I. H., Fallon, Nevada					Analysis ⁵³⁴	29.80	4.03	21.71	31.89
Newlands Brand Alfalfa Meal	14.00	2.00	30.00	35.00	Knight, J. L., Troup, Texas				
Analysis	14.80	2.01	26.35	36.07	Knight's Special X Hog Feed	16.00	3.00	4.80	56.00
Kerr Feed & Grain Co., Henrietta, Texas					Analysis	18.00	4.12	4.56	55.81
Kerr's 60-30-10 Mixed Feed	15.00	1.90	30.50	38.00	Knight's Special Mixed Feed	12.50	3.00	13.00	52.00
Analysis ⁵³⁶	15.00	1.51	28.96	40.38	Analysis ⁵⁴⁵	13.95	2.40	11.06	55.92
Kerr's Dairy Feed	16.00	3.00	11.50	48.00	Koenning Bros., Westoff, Texas				
Analysis	17.10	2.98	11.99	49.49	Special Broiler Mash	20.00	3.00	5.50	48.00
Kimbell-Diamond Milling Company					Analysis ⁵⁴⁶	21.25	3.79	3.80	55.21
Fort Worth, Texas and Branches					21% Protein Special Broiler Ration	21.00	3.00	5.00	48.00
Corn Bran	8.00	5.00	12.00	60.00	Analysis ⁵⁴⁶	20.45	3.63	3.44	55.69
Analysis ⁵³⁷	9.60	7.60	7.03	64.00	Kubala Hatchery and Poultry Farm				
Wheat Bran and Screenings	14.50	3.00	10.00	53.00	Schulenburg, Texas				
Analysis ⁵³⁸	17.72	3.68	9.29	53.31	Kubala Special 18% Protein Dairy Feed	18.00	3.00	14.00	43.50
Analysis	16.30	3.54	9.82	54.11	Analysis ⁵⁴²	18.00	5.71	11.59	48.60
Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00	⁵²⁶ Blank tags attached. Correctly printed tags furnished.				
Analysis	18.10	3.63	7.22	56.62	⁵²⁷ Not tagged.				
Analysis	17.70	4.39	7.02	58.29	⁵²⁸ Not tagged but tags furnished.				
Gold Top 9% Protein Sweet Feed	9.00	1.50	40.00	34.00	⁵²⁹ Blank tags attached.				
Analysis ⁵²³	11.60	1.52	27.89	38.92	⁵³⁰ Found, not claimed: cottonseed meal. Calcium carbonate excessive.				
Kimbell's Drought Emergency Range					⁵³¹ Found, not claimed: cottonseed meal.				
Cubes	12.00	3.00	6.00	58.00	⁵³² Registration canceled.				
Analysis	13.00	3.00	4.42	65.85	⁵³⁴ Feed not registered.				
Analysis ⁵⁴⁰	12.50	3.76	3.91	63.67	⁵³⁵ Infested with mold.				
Analysis ⁵⁴¹	12.00	3.38	3.82	63.90	⁵³⁶ Found, not claimed: corn meal.				
Liberty Horse & Mule Feed	9.50	2.50	6.00	64.00	⁵³⁷ Found, not claimed: whole and ground wheat. Incorrectly printed tags attached.				
Analysis ⁵⁴²	12.70	4.01	8.04	62.62	⁵³⁸ Incorrectly printed tags attached.				
Thrifty Brand 16% Protein Dairy Ration	16.00	2.50	19.00	36.00	⁵⁴⁰ Microestimation: corn meal 73.11%				
Analysis	16.00	2.57	13.15	42.06	⁵⁴¹ Microestimation: corn meal 72.51%				
Analysis ⁵⁴²	15.05	2.85	13.95	49.21	⁵⁴² Not made according to registered formula.				
Analysis ⁵⁴²	17.70	2.61	17.17	49.14	⁵⁴³ Obsolete and incorrectly printed tags attached.				
Analysis ⁵⁴²	15.60	2.54	18.39	45.32	⁵⁴⁵ Found, not claimed: wheat bran.				
Analysis	16.70	2.95	14.16	49.95	⁵⁴⁶ Found, not claimed: corn gluten feed.				

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Kubala Hatchery and Poultry Farm Schulenburg, Texas—Continued					La Pryor Milling Co., La Pryor, Texas				
Clipper Brand Breeders Laying Mash	21.00	4.00	7.00	43.00	Winter-Garden Brand Calf Creep Feed	14.00	3.00	6.00	52.00
Analysis ⁵⁴⁸	21.15	4.31	7.22	47.58	Analysis ⁵⁶⁷	16.00	3.00	5.43	47.43
Clipper Brand Chick Starter All-Mash	18.00	3.50	7.00	50.00	Winter-Garden Brand 20% Protein Livestock Mineral Supplement No. 1	20.00	2.00	3.00	16.00
Analysis	19.80	4.39	5.64	52.14	Analysis ⁵⁶⁸	20.80	2.85	3.46	23.93
Clipper Brand Hog Feed	19.00	3.50	7.00	47.50	Analysis ⁵⁶⁹	20.60	2.97	3.48	24.22
Analysis	17.93	4.63	4.78	53.08	Winter-Garden Brand 12% Protein Livestock Mineral Supplement No. 1	12.00	2.00	3.00	26.00
Kyle Grain, Feed & Seed Co., Kyle, Texas					Analysis ⁵⁷⁰	15.25	1.78	4.00	27.88
Blue Bonnet Brand Laying Mash	20.00	3.50	7.00	46.50	Analysis ⁵⁷¹	15.00	2.46	2.61	30.46
Analysis	21.20	4.79	6.28	48.05	Lauhoff Grain Co., Danville, Illinois				
Kyle Milling Company, Kyle, Texas					Dr. V. L. Alford Standard All-Wed Nutrients	10.00	5.00	6.00	65.00
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	Analysis ⁵⁷²	10.80	5.77	4.27	66.12
Analysis ⁵⁴⁹	10.00	3.21	7.33	66.90	La Vernia Feed & Grain, La Vernia, Tex.				
La Budde Feed and Grain Co. Milwaukee, Wisconsin					Nicholson's Circle N 16% Protein Hog Feed	16.00	3.00	6.00	57.00
Dried Brewers' Grains	25.00	6.00	18.00	40.00	Analysis ⁵⁶⁵	17.25	3.45	4.90	57.72
Analysis ⁵⁵⁰	30.00	7.45	11.18	39.71	Nicholson's Circle N 20% Protein Laying Mash	20.00	3.50	7.50	47.00
Analysis ⁵⁵¹	29.95	7.93	11.60	39.30	Analysis	21.00	3.75	6.80	51.15
Lackey Feed Mills, Hico, Texas					Nicholson's Circle N 20% Protein Chick Starter	20.00	3.50	6.00	50.00
Big L Dairy Feed No. 1	16.00	3.00	12.00	47.00	Analysis ⁵⁷⁴	21.20	3.51	5.91	52.31
Analysis ⁵⁵²	19.00	3.89	10.93	49.32	Nicholson's Circle N Super Brand 18% Protein Dairy Feed	18.00	3.00	12.00	46.00
Analysis ⁵⁵³	18.15	3.68	11.09	49.40	Analysis	18.00	4.23	12.00	48.98
20% Protein Laying Mash	20.00	3.50	7.00	46.50	Lawrence Feed Co., J. M., Wheeler, Tex.				
Analysis	21.50	3.93	7.00	49.17	21% Protein Range Feed Pellets	21.00	3.00	11.50	44.00
Lacy Feed Company, Waco, Texas					Analysis	20.80	3.94	10.11	50.04
Lacy's 16% Protein Dairy Feed	16.00	3.00	10.00	48.00	Drought Emergency Mixed Feed	20.00	3.00	8.50	47.00
Analysis	16.10	5.01	10.31	48.79	Analysis	21.20	3.03	6.43	52.91
Lacy's 15% Protein Hog Feed	15.00	3.50	7.00	51.50	Wheel-Text Brand All-Mash Chick Starter	19.00	3.50	6.50	50.00
Analysis	17.50	5.13	5.58	52.27	Analysis ⁵⁷⁵	21.50	6.15	4.33	49.24
Lacy's 20% Protein Laying Mash	20.00	3.50	7.00	45.00	Lawrence's Best Brand 20% Protein Laying Mash	20.00	3.00	8.00	45.00
Analysis	22.10	4.91	5.87	48.26	Analysis	22.00	5.61	6.28	43.81
Lacy's Cottonseed Hulls and Cottonseed Meal	11.40	1.50	38.00	37.00	Ladd Feed & Seed Co., Waco, Texas				
Analysis	12.50	1.52	34.52	38.44	Ladd's 16% Protein Dairy Feed	16.00	3.00	9.00	51.00
Lacy's 18% Protein Growing Mash	18.00	3.50	7.00	48.00	Analysis	18.10	5.36	8.82	46.92
Analysis	19.60	3.52	6.81	51.18	La Grange Feed & Farm Supply La Grange, Texas				
Ladd Feed & Seed Co., Waco, Texas					16% Protein Farm Dairy Feed	16.00	4.00	12.50	44.50
Ladd's 16% Protein Dairy Feed	16.00	3.00	9.00	51.00	Analysis ⁵⁵³	16.40	4.71	9.82	51.09
Analysis	18.10	5.36	8.82	46.92	Lamar Cotton Oil Co., The, Paris, Texas				
La Grange Feed & Farm Supply La Grange, Texas					Your Mix Sweet 16%	16.00	2.50	9.00	50.00
16% Protein Farm Dairy Feed	16.00	4.00	12.50	44.50	Analysis ⁵⁵⁴	17.10	3.16	6.06	51.92
Analysis ⁵⁵³	16.40	4.71	9.82	51.09	Cafey Candy Brand Mixed Feed	17.00	3.50	7.00	51.50
Lamar Cotton Oil Co., The, Paris, Texas					Analysis ⁵⁵⁵	18.50	4.40	6.51	53.66
Your Mix Sweet 16%	16.00	2.50	9.00	50.00	Lamar Brand 18% Protein Laying Mash	18.00	3.50	7.00	50.00
Analysis ⁵⁵⁴	17.10	3.16	6.06	51.92	Analysis ⁵⁵⁶	18.35	3.58	12.86	47.50
Cafey Candy Brand Mixed Feed	17.00	3.50	7.00	51.50	Swine Dine Brand 14% Protein Hog Feed	14.00	3.50	8.00	50.00
Analysis ⁵⁵⁵	18.50	4.40	6.51	53.66	Analysis	13.30	9.38	6.68	45.68
Lamar Brand 18% Protein Laying Mash	18.00	3.50	7.00	50.00	Lamesa Cotton Oil Co., Lamesa, Texas				
Analysis ⁵⁵⁶	18.35	3.58	12.86	47.50	41% Protein Solvent Process Cottonseed Meal	41.00	0.50	13.00	25.00
Swine Dine Brand 14% Protein Hog Feed	14.00	3.50	8.00	50.00	Analysis	39.40	3.17	13.18	30.53
Analysis	13.30	9.38	6.68	45.68	Analysis	39.20	1.39	13.32	30.98
Lamesa Cotton Oil Co., Lamesa, Texas					Analysis	41.00	1.70	11.79	30.94
41% Protein Solvent Process Cottonseed Meal	41.00	0.50	13.00	25.00	Analysis	41.60	1.39	12.63	30.97
Analysis	39.40	3.17	13.18	30.53	41% Protein Solvent Process Cottonseed Pellets	41.00	0.50	13.00	25.00
Analysis	39.20	1.39	13.32	30.98	Analysis ⁵⁵⁷	39.80	1.58	11.94	36.63
Analysis	41.00	1.70	11.79	30.94	Lamkin Bros., Inc., Brownwood, Texas				
Analysis	41.60	1.39	12.63	30.97	Lamkin's Red Tag 20% (Equivalent) Protein Range Feed ⁵⁵⁸	20.00	1.40	14.00	39.00
Lamar Brand 18% Protein Laying Mash					Analysis ⁵⁵⁹	19.60	2.63	11.57	37.92
Analysis ⁵⁵⁶	18.35	3.58	12.86	47.50	Lamkin's 16% (Equivalent) Protein Creep Feed ⁵⁶⁰	16.00	1.30	12.50	35.00
Swine Dine Brand 14% Protein Hog Feed	14.00	3.50	8.00	50.00	Analysis	21.35	2.73	6.55	35.55
Analysis	13.30	9.38	6.68	45.68	Lamkin's Red Tag 2 & 1 Brand 13.50% (Equivalent) Protein Range Feed ⁵⁶²	13.50	1.00	12.50	28.00
Lamesa Cotton Oil Co., Lamesa, Texas					Analysis ⁵⁶³	14.00	1.73	9.15	34.22
41% Protein Solvent Process Cottonseed Pellets	41.00	0.50	13.00	25.00	Lamkin's Green Tag 2 & 1 Brand 18% (Equivalent) Protein Range Feed ⁵⁶⁰	18.00	1.50	11.50	25.00
Analysis	39.80	1.58	11.94	36.63	Analysis ⁵⁶⁴	17.05	1.75	7.48	29.44
Lamkin Bros., Inc., Brownwood, Texas					Lampasas Feed & Elevator Co., Inc. Lampasas, Texas				
Lamkin's Red Tag 20% (Equivalent) Protein Range Feed ⁵⁵⁸	20.00	1.40	14.00	39.00	Mid-Tex Brand 16% Protein Dairy Feed	16.00	3.00	10.50	49.50
Analysis ⁵⁵⁹	19.60	2.63	11.57	37.92	Analysis	17.95	3.26	9.55	53.47
Lamkin's 16% (Equivalent) Protein Creep Feed ⁵⁶⁰	16.00	1.30	12.50	35.00	Big "5" Lay Mash	18.00	3.00	8.00	50.00
Analysis	21.35	2.73	6.55	35.55	Analysis	19.65	4.31	6.86	52.55
Lamkin's Red Tag 2 & 1 Brand 13.50% (Equivalent) Protein Range Feed ⁵⁶²	13.50	1.00	12.50	28.00	Analysis	20.20	4.01	6.74	51.56
Analysis ⁵⁶³	14.00	1.73	9.15	34.22	Mid-Tex Brand 35% Protein Supplement For Hogs	35.00	4.00	11.50	25.00
Lamkin's Green Tag 2 & 1 Brand 18% (Equivalent) Protein Range Feed ⁵⁶⁰	18.00	1.50	11.50	25.00	Analysis ⁵⁶⁵	33.85	5.05	9.27	29.29
Analysis ⁵⁶⁴	17.05	1.75	7.48	29.44	Analysis	34.70	5.10	8.24	29.31
Lampasas Feed & Elevator Co., Inc. Lampasas, Texas					Big "5" 20% Protein Broiler Mash	20.00	4.00	6.00	50.00
Mid-Tex Brand 16% Protein Dairy Feed	16.00	3.00	10.50	49.50	Analysis ⁵⁶⁶	21.50	4.44	6.00	52.28
Analysis	17.95	3.26	9.55	53.47					
Big "5" Lay Mash	18.00	3.00	8.00	50.00					
Analysis	19.65	4.31	6.86	52.55					
Analysis	20.20	4.01	6.74	51.56					
Mid-Tex Brand 35% Protein Supplement For Hogs	35.00	4.00	11.50	25.00					
Analysis ⁵⁶⁵	33.85	5.05	9.27	29.29					
Analysis	34.70	5.10	8.24	29.31					
Big "5" 20% Protein Broiler Mash	20.00	4.00	6.00	50.00					
Analysis ⁵⁶⁶	21.50	4.44	6.00	52.28					

⁵⁴⁸Found, not claimed: cottonseed meal.
⁵⁴⁹Found, not claimed: molasses.
⁵⁵⁰Sampled before registration.
⁵⁵¹Not tagged but tags furnished.
⁵⁵²Found, not claimed: alfalfa meal. Claimed, not found: peanut hay and soybean meal.
⁵⁵³Found, not claimed: calcium carbonate.
⁵⁵⁴Found, not claimed: rice bran. Claimed, not found: soybean meal.
⁵⁵⁵Found, not claimed: linseed meal and cottonseed meal.
⁵⁵⁶Found, not claimed: cottonseed meal and pulverized barley. Claimed, not found: soybean meal.
⁵⁵⁷Not tagged.
⁵⁵⁸Guaranty includes 6.55% equivalent protein from 2.25% urea.
⁵⁵⁹Analysis includes 5.35% equivalent protein from 1.84% urea. Salt maximum guaranteed 2.0%, found 2.34%. Minimum phosphorus guaranteed 3.6%, found 5.64%. Minimum phosphorus guaranteed 0.6%, found 1.02%. Obsolete tags attached.
⁵⁶⁰Guaranty includes 5.24% equivalent protein from 1.80% urea.
⁵⁶¹Analysis includes 6.60% equivalent protein from 2.27% urea. Maximum salt guaranteed 1.0%, found .90%. Minimum calcium guaranteed 6.3%, found 10%. Minimum phosphorus guaranteed 2.0%, found 2.97%. Obsolete tags attached.
⁵⁶²Guaranty includes 3.93% equivalent protein from 1.35% urea.
⁵⁶³Analysis includes 3.05% equivalent protein from 1.05% urea. Maximum salt guaranteed 17.0%, found 14.4%. Minimum calcium guaranteed 6.0%, found 8.29%. Minimum phosphorus guaranteed 1.0%, found 1.40%.
⁵⁶⁴Analysis includes 5.20% equivalent protein from 1.79% urea. Maximum salt guaranteed 17.0%, found 19.70%. Minimum calcium guaranteed 5.3%, found 8%. Minimum phosphorus guaranteed 1.4%, found 1.72%.
⁵⁶⁵Obsolete tags attached.
⁵⁶⁶Found, not claimed: ground barley.
⁵⁶⁷Maximum salt guaranteed 5.0%, found 5.97%. Minimum calcium guaranteed 1.0%, found 3.96%. Minimum phosphorus guaranteed 0.5%, found 1.86%.
⁵⁶⁸Maximum salt guaranteed 25.0%, found 25.50%. Minimum calcium guaranteed 5.0%, found 7.57%. Minimum phosphorus guaranteed 2.25%, found 2.97%.
⁵⁶⁹Maximum salt guaranteed 25.0%, found 23.7%. Minimum calcium guaranteed 5.0%, found 9.29%. Minimum phosphorus guaranteed 2.25%, found 3.06%.
⁵⁷⁰Maximum salt guaranteed 25.0%, found 24.6%. Minimum calcium guaranteed 5.0%, found 6.25%. Minimum phosphorus guaranteed 2.0%, found 2.69%.
⁵⁷¹Maximum salt guaranteed 25.0%, found 20.40%. Minimum calcium guaranteed 5.0%, found 7.39%. Minimum phosphorus guaranteed 2.0%, found 2.73%.
⁵⁷²Feed not registered.
⁵⁷⁴Incorrectly printed tags attached.
⁵⁷⁵Found, not claimed: poultry by-product meal.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Lawrence Feed Co., J. M., Wheeler, Tex.					Louis Feed Co., San Antonio, Texas				
<i>Continued</i>					<i>Continued</i>				
Lawrence's Best Brand 36% Protein Supplement For Hogs	36.00	4.00	10.00	23.00	Six Star Growing Mash	18.00	3.50	6.50	49.00
Analysis ⁵⁹⁰	41.00	7.74	7.91	15.44	Analysis ⁵⁹²	18.00	4.94	6.35	52.67
Lawrence's Best Hog Slopper	15.00	3.00	8.00	47.50	Six Star Breeders Egg Mash	20.00	3.50	7.50	46.00
Analysis ⁵⁷⁶	18.20	4.66	4.63	55.35	Analysis ⁵⁷⁶	20.05	5.79	6.03	45.40
Lawrence's Best Brand 35% Protein Mash-Maker Concentrate	35.00	4.00	8.00	25.50	Six Star Pig and Hog Fattener	18.00	3.50	6.00	47.00
Analysis	38.00	8.11	5.41	17.82	Analysis ⁵⁹³	18.40	3.91	6.00	53.94
Lee Feed Mill, W. H., Mount Vernon, Tex.					Lubbock Cotton Oil Co., Lubbock, Texas				
Ideal Brand 16% Protein Dairy Feed	16.00	2.70	13.50	47.00	Lucko Brand 41% Protein Solvent Process Cottonseed Meal	41.00	0.50	13.00	26.00
Analysis	17.80	3.36	11.66	49.93	Analysis	43.40	.66	12.68	29.97
Leger Mill Co., Altus, Oklahoma					Lubbock Packing Co., Lubbock, Texas				
Leger's 13% (Equivalent) Protein Maintenance Cube ⁵⁷⁷	13.00	3.00	25.00	42.00	45% Protein Feeding Tankage With Bone	45.00	6.00	3.00	0.00
Analysis ⁵⁷⁸	13.60	3.23	20.67	40.43	Analysis	54.45	11.36	3.87	4.36
Leger's 16% (Equivalent) Protein Drought Emergency Relief Cube ⁵⁷⁹	16.00	2.50	10.00	52.00	Analysis ⁵⁹⁴	52.40	12.23	3.29	1.17
Analysis ⁵⁸⁰	16.95	3.06	7.41	54.66	Analysis	54.55	10.25	3.00	2.19
Leger's Vit-A-Power Brand 20% Protein Lay Mash	20.00	3.50	6.50	47.50	Lyssy and Echol Feed Store, Poth, Texas				
Analysis ⁵⁸⁹	20.25	3.67	5.90	50.55	Home-Mix Brand 18% Protein Growing Mash	18.00	3.00	7.00	48.50
Leger's Vit-A-Power Brand 16% Protein All-Mash Layer	16.00	3.50	6.50	52.50	Analysis	19.00	3.88	4.78	51.32
Analysis ⁵⁸⁹	17.30	3.55	6.20	56.80	Home-Mix Brand 35% Protein Hog Supplement	35.00	4.00	10.50	23.50
Leger's Vit-A-Power Hen Scratch	10.00	2.50	3.50	65.00	Analysis ⁵⁹⁶	38.10	5.95	8.71	22.00
Analysis ⁵⁸¹	10.70	2.94	2.69	70.44	Home-Mix Brand 35% Protein Poultry Concentrate	35.00	4.00	7.50	19.00
Lentz Feed & Seed Co., Victoria, Texas					McGregor Milling & Grain Company				
Tip Top Economy Brand Laying Mash	18.00	4.50	8.00	47.00	McGregor, Texas				
Analysis	20.30	5.63	8.31	46.77	Pulverized Whole Oats	11.00	4.00	12.00	58.00
Analysis ⁵⁸²	19.60	5.29	9.39	47.27	Analysis	13.00	4.37	8.75	59.48
Tip Top Brand Hog Fattening Ration	14.50	3.00	5.00	58.00	Analysis ⁵⁹⁸	13.80	5.75	8.57	58.71
Analysis ⁵⁸²	16.10	3.57	3.85	60.69	Analysis ⁵⁹⁸	12.75	4.08	9.13	60.73
Tip Top Special Brand Range Feed Pellets	20.00	3.80	9.50	45.50	McQueeney Mill, McQueeney, Texas				
Analysis ⁵⁸³	19.00	3.84	12.83	43.04	McQueeney Brand 18% Protein Laying Mash	18.00	2.50	8.00	51.00
Lewisville Feed Mills, Lewisville, Texas					McQueeney Brand 18% Protein Laying Mash				
Sunshine Complete Brand Hog Feed	14.00	3.00	4.00	58.00	Analysis ⁵⁹⁹	17.80	4.15	5.42	53.19
Analysis	16.00	3.60	3.94	57.75	McQueeney Brand 18% Protein Laying Mash	18.00	2.70	8.00	51.00
Liberty Mills, San Antonio, Texas					Manford Hatchery & Feed Co., Inc.				
Hearts Delight Doo-Lay Brand Laying Mash	20.00	3.50	7.50	46.00	Smiley, Texas				
Analysis ⁵⁸⁴	20.95	3.78	5.65	49.17	Manford's H R Broiler Mix	20.50	2.50	5.00	50.00
Hearts Delight Brand 16% Protein Dairy Feed	16.00	3.00	9.00	47.00	Analysis	22.00	3.78	4.17	55.13
Analysis	16.40	3.27	9.00	50.66	Manford's H R Broiler Mix				
Light Grain & Milling Company, The Liberal, Kansas					Analysis				
Red Diamond 13% Protein Creep Feed Pellets	13.00	1.50	18.00	40.00	<i>576</i> Not made according to registered formula.				
Analysis	18.00	3.53	9.58	50.03	<i>577</i> Guaranty includes 2.18% equivalent protein from .75% urea.				
Red Diamond Growing & Show Calf Feed	18.00	2.50	8.00	51.00	<i>578</i> Analysis includes 2.50% equivalent protein from .86% urea.				
Analysis	18.40	2.86	7.27	56.66	<i>579</i> Guaranty includes 3.28% equivalent protein from 1.80% urea.				
Red Diamond Chick Starter Crumbles	20.00	4.00	6.00	46.00	<i>580</i> Analysis includes 2% equivalent protein from .69% urea. Found, not claimed: rice polishings and bran, bone meal and grain sorghum meal. Sampled before registration.				
Analysis ⁵⁸⁵	19.70	3.73	4.73	53.29	<i>581</i> Sampled before registration.				
Red Diamond 4-S Milk Producer Brand 16% (Equivalent) Protein Dairy Feed ⁵⁸⁶	16.00	2.50	15.00	45.00	<i>582</i> Found, not claimed: ground wheat.				
Analysis ⁵⁸⁷	19.60	3.08	10.30	52.66	<i>583</i> Found, not claimed: ground rice hulls and calcium carbonate. Claimed, not found: ground grain screenings.				
Red Diamond Chick Grower Crumbles	18.00	4.00	7.00	43.00	<i>584</i> Obsolete tags attached.				
Analysis ⁵⁸⁵	18.00	7.44	5.07	52.18	<i>585</i> Permit number omitted on label.				
Red Diamond Wheat Pasture Neutralizer Brand Mineral	2.00	0.00	0.00	0.00	<i>586</i> Guaranty includes 5.24% equivalent protein from 1.80% urea.				
Analysis ⁵⁸⁸	2.10	0.00	0.00	0.00	<i>587</i> Analysis includes 4.40% equivalent protein from 1.51% urea. Found, not claimed: ground mixed screenings, fish meal and bone meal. Incorrectly printed tags attached.				
Red Diamond Egg Mash—Pelleted	19.00	3.00	7.50	45.00	<i>588</i> Maximum salt guaranteed 10.0%, found 10.5%. Maximum calcium guaranteed 25.0%, found 26.71%. Minimum phosphorus guaranteed 4.0%, found 4.46%.				
Analysis	20.70	3.44	5.70	49.59	<i>589</i> Incorrectly printed tags attached.				
Wheat Gray Shorts	17.00	4.00	5.50	55.00	<i>590</i> Found, not claimed: poultry by-product meal.				
Analysis	18.00	4.05	4.89	58.42	<i>591</i> Infested with mold.				
Wheat Bran and Screenings	14.50	3.00	10.00	50.00	<i>592</i> Found, not claimed: cottonseed meal, rice bran and ground barley. Claimed, not found: kelp.				
Analysis ⁵⁸⁹	16.60	4.25	9.93	51.29	<i>594</i> Not tagged but tags furnished.				
Lindner Feed & Milling Co., Comfort, Tex.					Manford's H R Broiler Mix				
Alfalfa Meal and Cane Molasses	11.40	1.20	28.50	39.50	<i>595</i> Paunch content and fat excessive.				
Analysis ⁵⁸⁹	15.70	2.41	20.01	43.36	<i>596</i> Found, not claimed: poultry by-product meal.				
Colonial Brand Laying Mash	19.00	3.50	6.50	47.00	<i>597</i> Obsolete and incorrectly printed tags attached.				
Analysis	20.80	5.19	6.40	50.05	<i>598</i> Found, not claimed: ground barley and a trace of corn meal.				
Lindsey Feed & Seed, Morton, Texas					Registration canceled.				
Chowmix Growing Mash	17.00	3.00	7.00	51.00					
Analysis	16.80	3.79	4.00	56.63					
Chowmix Laying Mash	18.00	3.00	8.00	48.00					
Analysis ⁵⁹⁰	20.40	3.77	5.12	53.84					
Chowmix Sow and Pig Feed D	16.00	3.00	6.00	50.00					
Analysis	18.50	3.55	3.65	59.07					
Lorenz Feed Mills, Stockdale, Texas									
Special Laying Mash	20.00	3.50	8.00	45.00					
Analysis	21.75	3.06	7.27	49.15					
Louis Feed Co., San Antonio, Texas									
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00					
Analysis ⁵⁹¹	9.40	2.08	10.30	66.23					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Mangold, R. J., LaCoste, Texas					Martin-Lane Company, Vernon, Texas				
Mangold's Special 18% Protein Dairy Feed.....	18.00	3.30	11.00	46.00	—Continued				
Analysis ⁶⁰³	17.35	3.66	8.48	53.64	Drought Emergency 12% Protein Range Cubes.....	12.00	2.50	7.50	60.00
Analysis ⁶⁰³	17.20	3.31	8.14	52.38	Analysis.....	11.55	3.26	5.83	63.76
Mangold's Best Growing Mash.....	18.00	3.00	7.50	47.50	Martin's Big Vee Brand Laying Mash.....	18.50	3.50	6.00	45.50
Analysis.....	20.60	3.05	5.03	53.30	Analysis.....	19.05	3.71	5.57	54.48
Mangold's Best Laying Mash.....	19.00	3.00	8.00	46.00	Martin's Big Vee Brand Laying Mash—Crumbles.....	18.50	3.50	6.00	45.50
Analysis.....	19.30	4.38	6.56	52.44	Analysis.....	18.50	4.29	5.42	55.00
Mangold's Best Starter All-Mash.....	18.00	3.00	7.00	46.00	Martin's Big Vee Brand Laying Mash—Pellets.....	18.50	3.50	6.00	45.50
Analysis ⁵⁹⁷	18.05	44.1	5.72	54.78	Analysis.....	19.50	4.38	5.91	54.00
Marco Chemical Co., Fort Worth, Texas					Crown Quality Brand Start-Gro-Finisher Mash Crumbles.....	20.00	3.00	7.00	45.00
Marco 60% Protein Digester Tankage.....	60.00	5.00	3.00	0.00	Analysis.....	20.30	4.13	6.39	52.50
Analysis.....	56.05	6.21	2.14	4.56	Crown Quality Brand 16% Protein Dairy Feed.....	16.00	2.50	14.00	47.00
Analysis ⁶¹²	56.80	5.86	3.00	6.27	Analysis.....	16.75	1.84	12.25	51.62
Marco 50% Protein Solvent Process Meat and Bone Scraps.....	50.00	3.00	3.00	0.00	Analysis.....	17.60	2.52	13.93	48.52
Analysis ⁶⁰¹	50.90	4.32	3.29	7.21	Crown Quality Brand Gro Mash.....	17.00	3.50	6.00	53.00
Analysis ⁶⁰²	50.80	4.76	2.95	4.21	Analysis ⁶¹²	18.90	3.75	5.15	55.93
Analysis ⁶⁰²	49.00	5.80	3.27	5.62	Crown Quality Brand Hog Feed.....	15.00	4.00	7.00	56.00
Analysis ⁶⁰¹	50.00	5.32	3.31	6.58	Analysis ⁶⁰⁶	15.05	3.11	5.40	59.40
Analysis ⁶⁰¹	48.90	5.72	3.47	5.77	Analysis.....	16.75	4.02	5.52	56.62
Analysis ⁶⁰¹	50.00	12.86	2.01	2.73	Crown Quality Brand Horse and Mule Feed.....	10.50	2.70	10.00	57.00
Analysis ⁶⁰²	48.60	5.13	3.59	11.19	Analysis ⁶¹⁴	11.80	2.78	5.39	64.13
41% Protein Cottonseed Meal.....	41.00	4.00	13.00	25.00	Crown Quality Brand Laying Mash.....	20.00	3.50	6.50	45.50
Analysis ⁶⁰³	39.20	6.38	11.17	27.22	Analysis ⁶¹⁵	21.60	3.63	6.33	48.27
Cane Molasses.....	2.50	0.00	0.00	65.00	Crown Quality Brand All-Mash Starter.....	17.50	3.00	6.00	52.50
Analysis ⁶⁰⁴	3.70	.50	.34	63.98	Analysis.....	18.60	4.21	5.50	54.65
Marianna Sales Co., Memphis, Tennessee					Crown Quality Brand Start-Gro-Finisher—Containing Nitrofurazone and Arsanilic Acid.....	20.00	3.00	7.00	45.00
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	Analysis.....	21.50	3.98	6.44	49.56
Analysis ⁶⁰⁵	42.40	.63	12.00	30.35	Mason Feed Store, Mason, Texas				
Marlin Oil Co., The, Marlin, Texas					Mason Feed Store's Mixed Hog Feed.....	14.00	2.50	5.50	58.00
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	Analysis.....	17.38	4.00	4.83	57.86
Analysis.....	39.80	6.52	11.08	29.51	Mason Feed Store's 16% Protein Dairy Feed.....	16.00	3.00	12.00	48.00
Analysis.....	41.70	6.06	11.67	27.89	Analysis.....	18.55	4.35	9.92	49.93
Analysis.....	41.20	6.30	12.89	27.85	Mathis Feed & Seed Co., Mathis, Texas				
Analysis.....	40.80	4.30	13.37	27.00	Our Mix Hog Feed.....	14.00	3.00	7.00	58.00
Analysis.....	40.40	8.06	12.81	25.76	Analysis.....	15.60	3.07	2.79	58.34
Analysis.....	42.80	6.83	11.72	25.45	Mathis Grain & Elevator Corp., Mathis, Tex				
Marshall Cotton Oil Co., Marshall, Texas					Big Six Brand Calf Bloom.....	12.50	3.00	7.00	57.00
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	Analysis.....	13.75	3.51	6.40	58.70
Analysis.....	37.55	5.25	14.29	30.03	Big Six Brand 20% Protein Range Feed.....	20.00	3.20	7.00	47.00
Marshall Mill & Elevator Company					Analysis.....	21.50	3.66	6.20	51.00
Marshall, Texas					Big Six Brand 16% Protein Dairy Feed.....	16.00	3.20	11.00	50.00
Special 18% Protein Laying Mash.....	18.00	3.50	8.00	47.00	Analysis.....	17.85	3.80	9.90	52.14
Analysis.....	18.40	5.64	7.51	50.49	Big Six Brand 40% Protein Swine Supplement.....	40.00	4.20	8.00	13.50
Analysis.....	18.00	5.64	7.65	48.69	Analysis.....	38.60	7.49	7.28	17.96
Texla 16% Protein Dairy Feed.....	16.00	3.00	14.00	48.00	Analysis.....	38.50	5.77	8.56	19.12
Analysis.....	16.90	3.19	10.62	51.94	Analysis.....	40.40	5.85	6.69	13.12
Texla Laying Mash.....	20.00	3.00	7.50	47.00	20% (Equivalent) Protein Drouth Emergency Cattle Feed ⁶¹⁶	20.00	3.00	6.00	55.00
Analysis.....	16.20	3.70	4.64	58.57	Analysis ⁶¹⁷	19.50	3.58	4.08	59.34
Analysis.....	22.40	4.14	7.15	46.90	Max-Allen Milling Co., Center, Texas				
Analysis.....	20.00	3.00	5.50	50.00	Max-Allen Broiler Starter—Containing Nitrofurazone and 3-Nitro.....	21.00	3.00	4.00	48.00
Acorn Broiler All-Mash.....	21.60	3.79	4.13	54.14	Analysis.....	22.60	3.05	3.98	53.90
Analysis ⁶⁰⁶	24.00	4.00	9.50	45.50	Max-Allen Broiler Finisher.....	18.00	3.00	4.00	52.00
Acorn 24% Protein Dairy Feed.....	24.00	4.03	9.45	45.33	Analysis ⁶¹⁸	18.50	3.68	3.75	58.30
Analysis.....	25.00	4.04	9.09	43.98	⁵⁹⁷ Obsolete and incorrectly printed tags attached.				
Acorn 18% Protein Dairy Feed.....	18.00	3.00	13.00	44.00	⁶⁰¹ Misbranded: sample is meat and bone scraps and poultry by-product meal.				
Analysis ⁶⁰⁷	19.20	3.58	12.25	45.28	⁶⁰² Found, not claimed: poultry by-product meal. Not tagged but tags furnished.				
Analysis.....	19.55	3.59	11.25	46.35	⁶⁰³ Not made according to registered formula.				
Analysis.....	19.50	4.19	9.28	49.01	⁶⁰⁴ Degrees Brix 80.20. Misbranded: this sample is a mixture of molasses and fats.				
Acorn Growing Mash.....	18.00	4.00	7.00	51.00	⁶⁰⁵ Misbranded: sample is solvent extracted cottonseed meal. Not tagged.				
Analysis.....	18.90	4.05	7.06	51.69	⁶⁰⁶ Incorrectly printed tags attached.				
Analysis.....	20.00	4.38	6.55	53.22	⁶⁰⁷ Not tagged but tags furnished.				
Marsh & Bates Feed & Supply					⁶⁰⁸ Found, not claimed: rice bran.				
Madisonville, Texas					⁶⁰⁹ Sampled before registration.				
Feed Mix No. 1.....	16.00	2.30	15.00	44.00	⁶¹⁰ Found, not claimed: grain sorghum meal.				
Analysis ⁶⁰⁸	13.15	2.69	16.58	49.02	⁶¹² Found, not claimed: poultry by-product meal.				
Analysis ⁶⁰⁸	14.20	2.36	15.00	49.30	⁶¹⁴ Found, not claimed: grain sorghum meal.				
Analysis ⁶⁰⁸	13.75	2.35	19.69	43.31	⁶¹⁵ Found, not claimed: pulverized oats.				
Analysis ⁶⁰⁸	13.60	2.79	14.89	49.99	⁶¹⁶ Guaranty includes 6.53% equivalent protein from 2.30% urea.				
Martin-Lane Company, Vernon, Texas					⁶¹⁷ Analysis includes 5.90% equivalent protein from 2.03% urea. Micro-estimation: corn meal 50.15%.				
Ground Whole Barley.....	11.00	1.50	6.00	65.00	⁶¹⁸ Feed not registered.				
Analysis.....	12.20	2.79	7.48	64.17					
Milo Meal.....	10.00	2.50	3.00	70.00					
Analysis.....	11.80	2.55	2.34	68.07					
Crimped Whole Oats.....	11.00	4.00	12.00	58.00					
Analysis.....	14.80	4.57	10.38	56.81					
Ground Whole Oats.....	11.00	4.00	12.00	58.00					
Analysis.....	12.10	5.38	11.53	58.52					
Crimped Oats and Cane Molasses.....	9.90	3.50	10.50	58.00					
Analysis ⁶⁰⁹	12.70	4.54	7.86	61.17					
Chisholm Trail Brand Cattle Feed Cubes	20.00	2.00	17.50	37.00					
Analysis ⁶¹⁰	20.90	2.08	14.35	41.39					
Bunk-O-Cow Feed.....	16.00	2.70	15.50	44.50					
Analysis.....	20.15	1.38	10.94	48.83					
Marlaco 20% Protein Steer Feed Cubes	20.00	2.00	16.00	41.00					
Analysis ⁶⁰⁸	21.20	2.01	13.18	45.43					
Trail Driver 9% Protein Sweet Feed.....	9.00	1.80	15.00	53.50					
Analysis.....	11.30	2.40	15.19	50.90					
Analysis.....	11.10	1.81	13.35	53.64					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Mayo & Sons Feed & Grain, McGregor, Tex					Minden Cotton Oil & Ice Company, Ltd.				
Blue Bonnet Brand 16% Protein Dairy Feed	16.00	3.00	12.00	51.50	Minden, Louisiana				
Analysis	15.70	3.39	11.56	54.07	41% Protein Cottonseed Meal	41.00	4.00	13.00	25.00
					Analysis	41.20	4.65	11.36	27.75
					Analysis ⁶²⁰	42.00	4.87	12.12	27.89
					Analysis ⁶²⁰	41.20	5.01	11.48	28.16
Meek Feed and Gin, Mount Vernon, Texas					Minnesota Linseed Oil Company				
Super Brand 16% Protein Dairy Feed	16.00	3.00	10.00	51.50	Minneapolis, Minnesota				
Analysis ⁶¹⁹	19.00	3.55	10.73	50.04	36% Protein Solvent Extracted Linseed Oil Meal	36.00	0.50	9.50	33.00
					Analysis ⁶³²	35.15	1.08	10.03	38.11
Merit Mills, Amarillo, Texas					Mission Feed Co., San Antonio, Texas				
Merit Brand Egg Mash	20.00	2.50	7.50	48.00	Best Yet Brand Laying Mash	19.00	3.50	8.00	48.50
Analysis ⁶²⁰	18.75	3.55	4.16	57.31	Analysis ⁶³³	21.00	5.61	6.30	46.99
Analysis	21.00	3.51	4.83	52.95					
Merit Brand Growing Mash	18.00	2.50	7.50	50.00					
Analysis	18.20	4.86	4.95	57.32					
Merit Brand Starter All-Mash	19.00	2.50	6.50	48.00					
Analysis ⁶²⁰	20.50	3.93	4.75	53.89					
Merit Brand 36% Protein Supplement For Pigs and Hogs	36.00	2.50	8.00	28.00					
Analysis	36.00	5.44	6.48	29.17					
Merit Brand Horse and Mule Feed	10.00	2.50	10.00	56.00					
Analysis ⁶²¹	12.00	3.47	7.53	59.80					
Meyer & Co., Felix, Houston, Texas					Mission Provision Company, Inc.				
Saxet Brewers' Dried Grains	24.00	5.00	20.00	35.00	San Antonio, Texas				
Analysis ⁶²⁰	21.40	8.17	15.93	41.07	Economy Brand 50% Protein Meat and Bone Scraps	50.00	8.00	3.00	0.00
Analysis	19.95	6.88	16.71	44.27	Analysis	49.10	8.25	1.90	0.00
Saxet Finely Ground Yellow Corn Feed Meal	8.00	3.00	3.00	67.00	Analysis	50.00	9.68	1.86	.16
Analysis	8.00	3.83	.84	74.22	Analysis	49.60	9.29	2.84	.49
Saxet Yellow Hominy Feed	10.00	6.00	6.50	58.00	Analysis	51.80	8.47	1.80	2.93
Analysis ⁶²⁰	13.20	6.92	5.44	61.67					
Meyer Grain Co., Houston, Texas					Moore Grain Co., F. B., Hamlin, Texas				
Nu-Mix Brand 18% Protein Dairy Feed	18.00	3.50	12.00	42.00	Moore's Special 16% Protein Dairy Feed	16.00	3.00	10.50	49.50
Analysis	19.50	3.74	10.49	45.62	Analysis	17.30	3.23	6.42	54.55
Analysis ⁶²³	18.50	5.10	10.05	47.36	Moore's Special 20% Protein Egg Mash	20.00	2.50	6.50	51.00
Triangle Brand 18% Protein Dairy Feed	18.00	3.40	9.50	47.00	Analysis	22.20	3.34	4.06	51.92
Analysis	21.43	3.35	9.10	46.51	Analysis	21.00	4.36	4.07	53.47
					Nu-Way Brand 20% Protein Egg-Maker	20.00	2.50	5.50	50.00
					Analysis	19.90	3.40	4.04	55.13
					Nu-Way Brand 17.50% Protein Layer All-Mash	17.50	2.80	5.50	54.00
					Analysis	19.05	3.77	3.84	57.28
					Nu-Way Brand 20% Protein Range Feed Cubes	20.00	3.00	9.50	47.50
					Analysis	23.00	3.08	8.28	48.68
					Analysis	20.00	3.53	8.37	49.59
					Analysis	20.40	2.54	7.60	51.99
					Analysis ⁶³⁴	25.20	2.63	8.24	44.82
					Nu-Way Brand 20% Protein Cattle Breeder Cubes	20.00	2.50	8.50	49.00
					Analysis	21.20	3.01	8.06	49.62
					Nu-Way Brand 20% Protein Starter-Grower Crumbles	20.00	3.50	5.50	50.00
					Analysis	22.70	3.53	3.59	53.13
					Analysis	21.30	3.66	3.37	55.98
					Nu-Way All-Purpose PS & H Brand 36% Protein Hog Supplement	36.00	2.50	8.50	23.50
					Analysis	37.10	4.35	7.07	30.50
					Nu-Way All-Purpose Brand 14% Protein Hog Feed Pellets	14.00	2.50	5.00	56.50
					Analysis	17.00	3.12	3.67	61.51
					Nu-Way Brand 14% Protein Beef Kisses	14.00	2.50	7.50	54.50
					Analysis ⁶³⁵	15.70	2.75	5.57	58.50
					Nu-Way Brand 17% Protein Dairy Krunchies	17.00	3.00	9.00	49.00
					Analysis	18.60	3.06	7.05	54.79
					12% Protein Drought Emergency Feed Pellets	12.00	3.00	5.00	61.00
					Analysis	12.00	3.02	4.14	62.69
					Analysis ⁶³⁶	12.00	3.22	4.21	61.97
					Analysis	12.20	3.37	4.50	62.35
Mickler Feed & Produce, Stamford, Texas					Moore Grain Co., Bartlett, Texas				
Chowmix All-Mash Laying Ration N.	15.00	3.00	6.00	52.00	Ear Corn Chop With Husk	8.00	3.00	10.00	65.00
Analysis	16.05	3.49	5.27	60.69	Analysis	9.10	2.36	9.98	65.90
Chowmix 16% (Equivalent) Protein Dairy Feed B ⁶²⁸	16.00	2.50	12.00	50.00	Analysis	8.40	2.72	12.02	64.83
Analysis ⁶²⁹	18.90	2.78	10.56	52.12					
Middick, Clyde, Davidson, Oklahoma					Moore Grain & Elevator Co., Taylor, Texas				
Alfalfa Meal	13.00	1.50	33.00	35.00	Ear Corn Chop With Husk	8.00	3.00	10.00	65.00
Analysis	16.35	2.64	25.69	37.90	Analysis	10.40	3.19	9.20	65.21
Analysis	15.20	2.09	26.45	40.86	Analysis	8.40	3.93	11.36	64.32
Midland Flour Milling Co., The North Kansas City, Missouri									
Town Crier Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00					
Analysis ⁶²⁰	16.70	3.94	5.98	58.35					
Mid-West Cooperative Oil Mill Hamlin, Texas									
41% Protein Cottonseed Meal	41.00	3.50	13.00	25.00					
Analysis	45.70	4.42	11.04	26.26					
Analysis	39.40	5.15	13.32	30.65					
Analysis	38.60	4.87	14.78	30.08					
Analysis	39.30	4.89	13.62	29.93					
Analysis	42.95	4.95	12.90	28.78					
Analysis	40.00	4.75	13.58	29.94					
Analysis	40.00	4.94	13.42	29.59					
Analysis	43.00	5.10	11.53	28.52					
Analysis	44.75	5.11	12.75	27.12					
Analysis	42.20	5.05	12.99	28.71					
Miller Company, A. F., Houston, Texas									
11% Protein Ground Soybean Mill Feed	11.00	1.00	35.00	38.00					
Analysis ⁶²⁰	14.95	1.52	32.02	38.06					
Miller's Feed Mill, Commerce, Texas									
Miller's 16% Protein Cattle Balancer Feed	16.00	2.80	12.50	48.00					
Analysis ⁶³¹	16.10	2.36	11.72	49.11					

⁶¹⁹Not made according to registered formula.⁶²⁰Not tagged but tags furnished.⁶²¹Found, not claimed: meat and bone scraps, traces of fish meal, and cottonseed meal. Not tagged but tags furnished.⁶²³Found, not claimed: pea meal and chipped rice.⁶²⁴Maximum salt guaranteed 1.0%, found 1.95%. Minimum calcium guaranteed 2.5%, found 3.25%. Minimum phosphorus guaranteed 1.2%, found 1.24%. Found, not claimed: poultry by-product meal.⁶²⁵Claimed, not found: rice bran.⁶²⁶Found, not claimed: rice bran. Claimed, not found: cottonseed meal.⁶²⁷Incorrectly printed tags attached.⁶²⁸Guaranty includes 2.20% equivalent protein from .76% urea.⁶²⁹Analysis includes .43% equivalent protein from .15% urea.⁶³¹Found, not claimed: ground peanut hulls.⁶³²Found, not claimed: ground weedseed.⁶³³Found, not claimed: grain sorghum meal.⁶³⁴Claimed, not found: peanut meal.⁶³⁵Found, not claimed: fish meal and bone meal.⁶³⁶Microestimation: corn meal 74.31%. Illegible tags attached.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Moore Grain & Elevator Co., Taylor, Texas —Continued					National Alfalfa Dehydrating & Milling Co. Lamar, Colorado and Branches —Continued				
20% Protein Breeder Mash	20.00	3.50	7.00	46.00	15% Protein Dehydrated Alfalfa Meal	15.00	1.50	30.00	36.00
Analysis	21.80	5.20	4.19	51.69	Analysis ⁶⁵¹	18.00	3.28	25.49	35.52
20% Protein Laying Mash	20.00	3.70	7.00	48.00	Analysis	15.20	2.65	27.43	35.32
Analysis	20.30	7.06	5.38	47.77	17% Protein Dehydrated Alfalfa Meal	17.00	1.50	27.00	37.00
36% Protein Poultry Concentrate	36.00	4.20	7.00	22.50	Analysis ⁶⁵¹	17.55	2.76	27.00	35.62
Analysis	35.00	8.66	7.17	24.45	Analysis	16.70	3.81	24.64	33.23
16% Protein Dairy Feed	16.00	3.20	12.00	44.00	Analysis ⁶⁵¹	17.10	2.88	27.00	36.82
Analysis	12.63	3.76	16.73	48.83	Analysis	16.70	3.94	30.19	31.71
Analysis	15.80	3.05	13.29	45.44	Analysis	14.20	3.32	20.77	44.52
Analysis	11.50	1.35	12.69	52.98	Analysis	15.40	3.09	23.65	36.49
10% Protein Sweet Feed	10.00	3.00	16.00	48.00	Analysis	17.10	3.30	26.96	34.36
Analysis	8.30	3.77	20.18	46.86	Analysis	17.50	2.22	26.45	35.67
36% Protein Hog Supplement	36.00	4.00	8.00	24.00	Analysis	19.10	2.35	22.81	37.58
Analysis	36.40	7.61	7.35	26.62	Analysis ⁶⁵²	19.80	2.08	22.97	35.61
20% Protein Range Feed Cubes	20.00	3.50	7.50	46.00	Analysis	15.80	2.35	27.72	36.08
Analysis	20.50	3.65	5.85	49.91	Analysis	16.07	2.93	29.42	33.94
Analysis	20.30	3.56	6.11	51.29	Analysis	19.30	3.50	20.60	34.21
					Analysis	17.00	2.34	26.75	33.28
Moorman Mfg. Co., Quincy, Illinois					Analysis	18.50	2.34	22.55	38.36
Moorman's 40% (Equivalent) Protein					Analysis	17.40	2.52	26.57	33.24
Mintrate Concentrate and Mineral					Analysis	16.20	2.77	29.05	36.75
Mixture For Dairy Cows ⁶³⁷	40.00	2.00	7.50	23.00	Analysis ⁶⁵¹	17.10	4.45	24.17	36.61
Analysis ⁶³⁸	41.60	2.73	6.95	28.63	Analysis	17.00	3.09	28.48	35.06
Analysis ⁶³⁹	40.10	2.83	7.17	31.30	Analysis	15.95	2.32	24.58	44.85
Analysis ⁶⁴⁰	40.00	2.19	7.32	31.02	Analysis	17.30	2.18	25.21	36.98
Moorman's 45% (Equivalent) Protein					Analysis	17.90	1.89	21.99	39.44
Mintrate Concentrate and Mineral					Analysis	19.80	3.97	21.14	37.41
Mixture For Cattle Cubed ⁶⁴¹	45.00	1.50	7.50	24.00	Analysis	19.70	2.31	24.61	34.12
Analysis ⁶⁴²	45.60	3.80	6.92	26.76	Analysis	17.40	1.91	25.59	37.49
Moorman's 45% Protein Mintrate Con-					Analysis	18.10	3.16	22.18	40.02
centrate and Mineral Mixture For					Analysis	16.10	3.17	27.10	38.39
Hogs	45.00	3.00	4.00	9.00	17% Protein Dehydrated Alfalfa Pellets	17.00	1.50	27.00	37.00
Analysis ⁶⁴³	46.10	5.98	2.72	14.09	Analysis	17.00	3.11	25.07	35.63
Moorman's 45% (Equivalent) Protein					Analysis	17.10	2.86	26.57	33.66
Mintrate Concentrate and Mineral					Analysis	17.10	3.06	25.17	34.03
Mixture For Steers ⁶⁴⁴	45.00	2.00	7.50	20.00	Analysis	16.20	2.10	27.74	36.48
Analysis ⁶⁴⁵	44.80	3.09	8.29	28.25					
					National By-Products, Inc.				
Morris Seed & Feed Store					Des Moines, Iowa and Branches				
Sulphur Springs, Texas					Green Ribbon Brand 48% Protein Meat				
Dairy Queen Brand 18% Protein Dairy					and Bone Scraps	48.00	6.00	3.00	0.00
Feed	18.00	3.00	12.00	42.00	Analysis ⁶⁵³	44.60	14.43	2.23	2.54
Analysis	20.90	4.31	11.00	48.25	Analysis ⁶⁵³	48.40	12.52	1.90	.76
					Analysis ⁶⁵³	47.60	12.10	2.24	.42
Morrison Milling Co., The, Denton, Texas					Analysis ⁶⁵³	51.60	11.95	1.84	2.02
Sub-Standard Hominy Feed	8.00	5.00	12.00	62.00	Green Ribbon Brand 48% Protein Meat				
Analysis	11.70	6.87	7.34	62.41	and Bone Scraps and Poultry By-				
Wheat Gray Shorts and Screenings	16.00	3.50	6.50	55.00	Product Meal	48.00	6.00	3.00	2.50
Analysis	17.25	3.92	6.29	56.78	Analysis	49.00	13.91	1.90	2.46
Analysis ⁶⁴⁶	17.10	4.28	6.44	55.98					
Mirandy's 17.50% Protein Dairy Feed	17.50	3.50	9.00	50.50	National Feed Co., Fort Worth, Texas				
Analysis ⁶⁴⁷	17.80	4.43	7.96	55.33	41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
					Analysis ⁶⁵¹	41.00	7.10	10.74	28.62
Morten Milling Co., Dallas, Texas					Analysis	43.20	.63	13.24	29.20
Wheat Gray Shorts and Screenings	15.00	3.50	6.50	55.00					
Analysis	16.30	3.56	5.90	60.91	National Oats Co., Cedar Rapids, Iowa				
Analysis	17.00	3.67	6.16	58.84	Red 3 Hygrade Brand Oat Mill Feed	10.00	3.50	18.00	52.00
					Analysis	10.20	3.62	17.13	56.26
Moulton Oil & Gin Co., Moulton, Texas					Analysis	9.10	4.36	18.82	54.69
41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00					
Analysis	41.50	7.05	12.41	26.72					
Analysis	42.60	6.05	11.26	26.31					
Analysis	43.00	6.81	10.65	25.92					
Mueller Grain Co., H., San Antonio, Texas									
Ground Grain Sorghum Screenings	10.00	3.00	10.00	60.00					
Analysis ⁶⁴⁸	9.50	3.44	11.83	57.69					
Hominy Feed and Cane Molasses	9.60	4.70	6.70	60.00					
Analysis ⁶⁴⁹	9.70	5.72	6.25	63.14					
Sunshine Brand Special 18% Protein									
Dairy Feed	18.00	3.00	11.50	46.50					
Analysis ⁶⁴⁹	14.30	3.31	9.05	54.51					
Sunshine Prosperity Brand Dairy Feed	17.00	3.00	11.50	46.00					
Analysis	17.00	3.66	10.24	50.96					
Sunshine Dairy Booster Brand Feed	17.00	3.00	8.50	50.00					
Analysis ⁶⁴⁹	19.30	3.58	9.02	50.81					
Muenster Milling Co., Muenster, Texas									
Muenster-Mill Special Brand Hog Feed	14.00	4.50	7.00	55.50					
Analysis	15.60	5.15	7.00	54.43					
Mumford Alfalfa Milling Company									
Mumford, Texas									
20% Protein Dehydrated Alfalfa Meal	20.00	2.50	28.00	40.00					
Analysis	19.00	3.66	19.95	39.93					
Dehydrated Alfalfa Leaf Meal	20.00	2.50	18.00	40.00					
Analysis	20.40	2.92	18.00	39.91					
Municipal Abattoir, Austin, Texas									
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00					
Analysis	50.00	10.89	2.51	2.46					
Analysis	52.20	10.67	1.95	.08					
Analysis	52.00	9.01	2.16	4.02					
National Alfalfa Dehydrating & Milling Co.									
Lamar, Colorado and Branches									
Alfalfa Meal	13.00	1.50	33.00	35.00					
Analysis ⁶⁵⁰	13.45	1.51	26.98	38.67					

⁶³⁷Guaranty includes 9% equivalent protein from 3.10% urea.
⁶³⁸Analysis includes 6.75% equivalent protein from 2.32% urea. Minimum calcium guaranteed 3.0%, found 4.99%. Minimum phosphorus guaranteed 1.5%, found 1.68%.
⁶³⁹Analysis includes 6.15% equivalent protein from 2.12% urea. Minimum calcium guaranteed 3.0%, found 4.88%. Minimum phosphorus guaranteed 1.5%, found 1.68%.
⁶⁴⁰Analysis includes 7.25% equivalent protein from 2.49% urea. Minimum calcium guaranteed 5.0%, found 4.80%. Minimum phosphorus guaranteed 1.5%, found 1.53%.
⁶⁴¹Guaranty includes 12% equivalent protein from 4.13% urea.
⁶⁴²Analysis includes 10.70% equivalent protein from 3.68% urea. Maximum salt guaranteed 3.4%, found 3.48%. Minimum calcium guaranteed 2.2%, found 2.66%. Minimum phosphorus guaranteed 1.3%, found 1.32%. Obsolete tags attached.
⁶⁴³Maximum salt guaranteed 2.2%, found 1.86%. Minimum calcium guaranteed 7.5%, found 9.32%. Minimum phosphorus guaranteed 2.1%, found 2.95%. Found, not claimed: poultry by-product meal. Incorrectly printed tags.
⁶⁴⁴Guaranty includes 14% equivalent protein from 4.81% urea.
⁶⁴⁵Analysis includes 8.87% equivalent protein from 3.05% urea. Maximum salt guaranteed 3.8%, found 2.04%. Minimum calcium guaranteed 2.2%, found 2.21%. Minimum phosphorus guaranteed 1.0%, found 1.03%.
⁶⁴⁶Permit number omitted on tag.
⁶⁴⁷Found, not claimed: bone meal.
⁶⁴⁸Infested with mold. Not tagged but tags furnished.
⁶⁴⁹Not made according to registered formula.
⁶⁵⁰Infested with mold.
⁶⁵¹Not tagged but tags furnished.
⁶⁵²Found, not claimed; ground cereal grasses.
⁶⁵³Misbranded: sample is meat and bone scraps and poultry by-product meal.
⁶⁵⁴Excessive fat content.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
National Oats Co., Cedar Rapids, Iowa —Continued					Nutrena Mills, Inc., Minneapolis, Minn.				
Red 3 Hygrade Brand Oat Mill Feed					Triple V Egg Feed	18.00	2.50	8.00	48.00
—Continued					Analysis ⁶⁵⁶	18.95	4.09	7.20	52.50
Analysis	10.00	3.95	17.02	54.67	Analysis	20.50	4.34	7.74	50.90
Pulverized Whole Oats	12.00	3.00	12.00	59.00	Analysis	18.50	3.70	7.14	54.30
Analysis	11.55	4.05	13.56	56.87	Triple V Starter-Grower All-Mash	17.00	2.50	7.00	45.00
Analysis	11.18	3.92	14.75	56.00	Analysis	19.70	3.95	5.50	55.30
National Vitamin Products Company Minneapolis, Minnesota					Triple V 32% Protein Hog Supplement	32.00	2.00	10.00	28.00
Calvita Brand Poultry Banquet	11.00	1.50	0.50	35.00	Analysis	30.10	8.49	7.72	34.96
Analysis ⁶⁵⁹	11.40	1.00	.36	35.55	Nutrena 20% Protein Egg Feed	20.00	2.50	7.00	46.00
Nebraska Farm Products, Cozad, Nebraska					Analysis	21.35	3.27	6.31	52.34
17% Protein Dehydrated Alfalfa Meal	17.00	1.50	27.00	35.00	Analysis	21.30	4.00	6.47	51.51
Analysis ⁶⁵⁶	18.30	2.83	22.54	39.37	Analysis	21.10	3.74	6.68	50.57
Nelson Co., Sterling H., Salt Lake, Utah					Nutrena 20% Protein Egg Feed—Pellets	20.00	2.50	7.00	46.00
Red Tag Brand Alfalfa Meal	13.00	1.50	33.00	0.00	Analysis	22.50	3.56	6.86	50.63
Analysis ⁶⁵⁶	10.30	1.74	28.62	41.37	Nutrena Complete Egg Ration—Crumb- lized	16.00	2.50	7.00	51.00
Nelson Grain Company, Claude, Texas					Analysis	18.50	3.96	5.98	56.79
Red Star Dairy Feed	22.00	3.50	12.00	42.00	Analysis	15.53	3.64	6.00	58.81
Analysis ⁶⁵⁷	24.10	3.55	9.43	43.95	Nutrena Beefcake—20	20.00	2.00	10.00	44.00
Ne-Tex Co-operative Oil Mill Wolfe City, Texas					Analysis	21.22	4.18	7.98	49.09
Netco Brand 41% Protein Cottonseed Meal	41.00	4.00	14.00	25.00	Nutrena Caf-O-Life Brand Starter	20.00	2.50	5.00	51.00
Analysis	40.60	4.64	13.13	28.97	Analysis	20.80	4.64	4.66	53.30
Analysis	41.20	5.02	13.42	27.71	Nutrena Sweetflow—16% Brand Dairy Feed	16.00	2.50	10.00	48.00
Analysis	43.40	4.89	12.85	26.63	Analysis	13.80	3.70	6.97	60.88
Analysis	40.80	5.26	14.12	27.52	Nutrena Turkey Grower Mash	20.00	2.50	8.00	44.00
Analysis	40.60	5.15	13.49	27.73	Analysis	21.35	5.77	6.71	53.54
Analysis	39.00	5.53	13.00	30.87	Analysis	20.60	3.56	6.06	51.88
Neumond Co., The, St. Louis, Missouri					Analysis	21.10	4.09	6.41	52.50
Neumond's Suncured Alfalfa Meal	13.00	1.00	33.00	35.00	Analysis ⁶⁷⁰	22.00	4.04	6.54	51.30
Analysis ⁶⁵⁸	9.00	1.01	40.14	35.74	Analysis	21.60	3.59	7.05	52.76
Neumond's 15% Protein Dehydrated Alfalfa Meal	15.00	1.00	30.00	35.00	Nutrena Turkey Starter Mash	27.00	2.50	8.00	37.00
Analysis ⁶⁵⁹	15.65	3.68	25.23	37.64	Analysis	29.00	3.39	8.00	44.00
Neumond's 20% Protein Dehydrated Alfalfa Meal	20.00	2.00	24.00	39.00	Complete Pullet Grower	15.00	2.50	7.00	52.00
Analysis ⁶⁵⁹	19.80	3.23	24.55	36.25	Analysis	18.15	3.91	6.49	52.90
Neumond's 24% Protein Brewers' Dried Grains	24.00	4.50	18.00	40.00	Nutrena Calf Starter Meal	26.00	3.00	6.50	40.00
Analysis	30.62	6.66	12.94	37.60	Analysis ⁶⁵¹	28.30	5.06	6.93	43.25
Analysis ⁶⁵⁹	27.65	5.51	14.52	40.77	O. K. Feed Mills, Inc., Fort Smith, Ark.				
Analysis	28.10	6.84	13.90	39.80	O. K. Hi-Lass Brand 20% (Equivalent) Protein Range Feed Cubes ⁶⁷¹	20.00	2.00	10.00	40.00
Analysis ⁶⁶⁰	29.50	6.35	12.43	40.91	Analysis ⁶⁷²	22.75	2.53	11.93	50.35
Newman and Bonner Feed Co. San Angelo, Texas					O. K. Mills' Dollar Stretcher Brand Mixed Feed	12.00	2.00	12.00	45.00
Tops-All Brand Roping Calf Mix	11.00	2.00	21.00	47.00	Analysis ⁶⁵¹	13.70	3.61	9.00	56.69
Analysis	11.20	1.10	22.14	49.16	Okeene Milling Co., Okeene, Oklahoma				
Tops-All Brand 20% Protein Range Feed Pellets	20.00	3.50	10.00	45.00	Wheat Bran	14.50	3.00	10.00	50.00
Analysis ⁶⁶¹	22.50	3.94	9.20	48.26	Analysis ⁶⁵¹	18.60	5.06	9.50	51.23
Tops-All Brand 16% Protein Dairy Feed	16.00	3.00	9.00	52.00	Wheat Gray Shorts and Screenings	17.00	4.00	6.00	55.00
Analysis	17.20	3.08	9.00	52.51	Analysis ⁶⁵¹	17.25	4.07	6.66	55.86
Newman Rice Mill, Alvin, Texas					Opelousas Oil Mill, Opelousas, La.				
Rice Bran Containing Calcium Carbonate	12.00	12.00	15.00	36.00	41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Analysis ⁶⁶²	12.00	14.18	7.46	45.13	Analysis	39.40	5.72	11.96	23.21
New Mexico Mill and Elevator Co. Clovis, New Mexico					Analysis ⁶⁶³	38.75	5.60	11.79	29.61
Wheat Gray Shorts	16.00	3.50	6.00	55.00	Orange Rice Milling Co., Inc., Orange, Tex.				
Analysis ⁶⁶⁰	18.10	3.98	4.35	61.78	Rice Bran Containing Limestone	11.00	10.00	12.00	40.00
Wheat Bran and Screenings	15.00	3.00	10.00	50.00	Analysis ⁶⁷³	12.70	15.40	10.99	38.18
Analysis ⁶⁶³	18.40	4.40	9.86	52.30	Oxford Dehydrating Co., The, Oxford, Kans				
Analysis ⁶⁶³	20.10	4.23	8.30	53.52	Dehydrated Alfalfa Meal	17.00	1.50	27.00	36.00
New Orleans Grain & Feed Co., Inc. New Orleans, Louisiana					Analysis	18.40	2.50	22.74	37.69
Golden Calf Brand Brewers' Dried Grains	24.00	5.00	18.00	40.00	Pacific Molasses Company San Francisco, Calif., and Branches				
Analysis	28.80	5.66	13.47	40.49	Cane Molasses	2.50	0.00	0.00	65.00
Analysis	27.20	7.54	14.62	40.24	Analysis ⁶⁷⁶	3.10	0.00	0.00	0.00
Nixon & Company, Omaha, Nebraska					Analysis ⁶⁷⁷	3.00	0.00	0.00	0.00
Nixon's 41% Protein Pellets	41.00	1.00	8.00	28.00	⁶⁵⁶ Not registered.				
Analysis	43.90	1.19	7.22	31.34	⁶⁵⁷ Found, not claimed: bone meal.				
North Star Packing Co., Ltd., Paris, Texas					⁶⁵⁸ Misbranded: sample is alfalfa stem meal.				
50% Protein Digester Tankage With Bone	50.00	6.00	3.00	0.00	⁶⁵⁹ Not tagged but tags furnished.				
Analysis ⁶⁶⁴	49.00	13.12	2.78	2.94	⁶⁶⁰ Not tagged.				
Nox-All Feed Store, Dallas, Texas					⁶⁶¹ Found, not claimed: fish meal, bone meal, and mineralized salt. Claimed, not found: wheat gray shorts and pulverized oats.				
Our-Own Brand Dairy Feed	16.00	3.50	10.00	44.60	⁶⁶² Calcium carbonate excessive.				
Analysis	18.00	4.01	11.89	47.55	⁶⁶³ Incorrectly printed tags attached.				
Nu-Mix Brand Egg Mash	18.00	3.00	8.00	48.50	⁶⁶⁴ Found, not claimed: ground feathers. Fat excessive.				
Analysis ⁶⁶⁵	17.67	3.74	6.95	52.52	⁶⁶⁵ Found, not claimed: cottonseed meal.				
Nu-Mix Brand Hog Feed	16.00	3.00	7.50	55.00	⁶⁶⁶ Found, not claimed: fish meal. Incorrectly printed tags attached.				
Analysis	16.80	4.57	7.14	54.62	⁶⁶⁷ Not made according to registered formula.				
					⁶⁶⁹ Found, not claimed: pulverized rye. Misbranded, correctly printed tags furnished.				
					⁶⁷⁰ Found, not claimed: cottonseed meal. Incorrectly printed tags attached.				
					⁶⁷¹ Guaranty includes 6.55% equivalent protein from 2.25% urea				
					⁶⁷² Analysis includes 8.02% equivalent protein from 2.76% urea. Blank tags attached.				
					⁶⁷⁵ Obsolete tags attached.				
					⁶⁷⁶ Degrees Brix 87.40.				
					⁶⁷⁷ Degrees Brix 81.30.				

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitro-gen-free extract		Crude protein	Crude fat	Crude fiber	Nitro-gen-free extract
Pacific Molasses Company San Francisco, Calif., and Branches Continued					Park, Inc., Philip R., San Pedro, Calif.				
Cane Molasses—Continued					Alsol	22.00	2.00	16.00	20.00
Analysis ⁶⁷⁸	0.00	0.00	0.00	0.00	Analysis	26.40	2.97	13.46	24.13
Analysis ⁶⁷⁹	0.00	0.00	0.00	0.00	Analysis	26.80	3.71	11.94	22.55
Analysis ⁶⁸⁰	0.00	0.00	0.00	0.00	Analysis	25.57	3.13	14.71	24.16
Analysis ⁶⁸¹	0.00	0.00	0.00	0.00	Parrish, N. K., Lubbock, Texas				
Analysis ⁶⁸²	0.00	0.00	0.00	0.00	17% Protein Dehydrated Alfalfa Meal	17.00	1.50	28.00	40.00
Analysis ⁶⁸³	0.00	0.00	0.00	0.00	Analysis ⁹³³	17.60	1.98	26.22	37.26
Analysis ⁶⁸⁴	0.00	0.00	0.00	0.00	41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00
Analysis ⁶⁸⁵	0.00	0.00	0.00	0.00	Analysis ⁹³⁶	41.00	4.49	10.73	32.22
Analysis ⁶⁸⁶	0.00	0.00	0.00	0.00	41% Protein Soybean Meal	41.00	5.00	6.00	29.00
Analysis ⁶⁸⁷	3.50	0.00	0.00	0.00	Analysis ⁹³⁸	46.15	6.41	7.80	27.24
					Analysis ⁹³⁸	41.85	10.51	6.70	28.68
					Analysis	45.75	5.47	6.14	29.29
Packard Milling Co., Hereford, Texas					Paul's Flour & Feed, El Paso, Texas				
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	Paul's High Efficiency Brand Broiler Mash	22.00	3.50	4.00	51.00
Analysis ⁶⁸⁸	8.25	3.06	8.61	64.53	Analysis	21.40	5.06	5.49	50.55
Analysis ⁶⁸⁹	8.00	3.05	7.33	62.04	Paul's 17% Protein Cow Feed	17.00	2.80	9.00	49.00
Blue Dot Laying Mash	19.00	3.00	7.50	47.50	Analysis	19.30	3.30	7.32	53.70
Analysis	21.10	4.78	7.12	50.43	Paul's Horse and Mule Feed	9.50	2.50	6.00	63.00
Packard's Best 18% Protein Growing Mash	18.00	4.00	7.50	50.00	Analysis	12.25	2.50	6.00	64.90
Analysis	19.10	4.05	6.89	53.83	Paul's Laying Mash	18.00	3.20	7.50	53.50
Packard's Best 18% Protein Laying Mash	18.00	2.50	8.00	49.00	Analysis ⁹³⁹	18.90	3.81	5.64	52.17
Analysis	19.25	3.91	7.81	52.79	Paul's 20% Protein Chick Starter	20.00	4.00	6.00	49.00
Packard's Best Starting Mash	20.00	3.50	7.00	48.00	Analysis	17.38	4.13	5.40	57.26
Analysis	22.00	4.43	5.91	50.36	Pecos Valley Cotton Oil Co., Loving, N. M.				
Packard's Best Dairy Mix	16.00	2.50	8.50	52.50	"Wano" Brand 41% Protein Cottonseed Meal	41.00	3.50	13.00	25.00
Analysis ⁶⁹⁰	16.50	2.53	8.46	52.83	Analysis ⁷⁰⁰	41.20	3.94	11.87	26.77
					Analysis	42.40	3.82	11.25	31.15
Parhandle Packing Co., Pampa, Texas					Analysis ⁶⁹³	43.20	3.51	11.43	30.46
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	Penick & Ford, Ltd., Inc.				
Analysis ⁶⁹¹	48.20	14.47	3.00	4.57	Cedar Rapids, Iowa				
Paris, Kenneth, Coolidge, Texas					Douglas Corn Gluten Feed	21.00	1.00	8.50	51.00
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	Analysis ⁷⁰²	24.40	2.86	8.43	48.96
Analysis	9.20	3.00	9.05	66.31	Peoples Cotton Oil Co., Wharton, Texas				
Paris Feed & Seed Co., Paris, Texas					41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Golden Rule Brand 16% Protein Dairy Feed	16.00	3.00	11.00	48.00	Analysis	41.40	5.82	13.18	28.76
Analysis ⁶⁹²	18.21	3.07	10.57	50.32	Analysis	40.70	5.87	13.54	27.46
Golden Rule Brand 19% Protein Laying Mash	19.00	3.00	8.00	49.00	Analysis	41.00	4.39	14.56	27.63
Analysis	18.85	3.63	5.79	50.91	Analysis	43.60	4.51	13.31	25.00
Sweet Feed	10.00	1.70	22.50	45.00	Analysis	41.60	4.67	13.66	26.88
Analysis	10.60	2.27	16.64	54.14	Perryton Equity Exchange, Perryton, Texas				
Paris Milling Company, Paris, Texas					Equity All-Purpose Brand Chick Mash	20.00	3.00	5.50	50.00
Paris Special Brand 16% Protein Dairy Feed	16.00	2.50	11.50	49.00	Analysis	21.60	4.10	4.27	53.76
Analysis	17.60	2.95	9.95	51.04	Equity Brand Dairy Feed	17.00	3.00	9.00	49.00
Analysis	19.50	3.64	9.96	47.98	Analysis	19.30	2.58	8.20	51.94
Sterling Brand 16% Protein Dairy Ration	16.00	2.50	22.00	37.50	Equity Brand Horse Feed	11.00	3.00	8.00	60.00
Analysis	16.07	2.98	17.85	45.52	Analysis	12.70	3.06	6.88	59.42
Analysis	14.30	2.55	18.13	44.09	Equity Brand Laying Mash	20.00	3.50	6.00	49.00
Sterling Brand 16% Protein Cow Feed	16.00	2.50	22.00	37.50	Analysis	21.80	3.15	5.30	52.15
Analysis	14.95	2.73	19.26	42.80	Equity Brand 20% Protein Range Feed Cubes	20.00	3.00	6.50	47.00
Analysis	14.50	2.79	19.50	44.41	Analysis	21.20	4.40	5.78	51.55
Analysis	16.00	5.05	20.20	41.01	Analysis ⁷⁰¹	27.28	2.35	5.98	45.52
Bossy Brand 9% Protein Sweet Feed	9.00	1.50	30.00	40.00	Equity Brand 32% Protein Range Feed Cubes	32.00	3.80	8.00	35.00
Analysis	8.00	1.64	19.84	47.41	Analysis ⁷⁰³	33.10	2.39	7.99	38.28
Special X High Calorie Broiler Mash	21.00	2.50	4.50	49.50	Equity Brand Creep Feed	11.00	2.80	9.00	54.50
Analysis ⁶⁹³	21.00	3.38	3.53	55.17	Analysis	13.40	3.59	5.72	60.11
Analysis ⁶⁹⁴	21.00	3.47	4.45	53.98	⁶⁷⁸ Degrees Brix 86.15.				
Special X 20% Protein Cattle Cubes	20.00	3.50	9.50	45.00	⁶⁷⁹ Degrees Brix 81.52.				
Analysis	22.40	5.54	8.31	43.48	⁶⁸⁰ Degrees Brix 80.96.				
Analysis	22.40	4.68	8.00	44.23	⁶⁸¹ Degrees Brix 85.85.				
Analysis	22.40	4.70	8.45	43.89	⁶⁸² Degrees Brix 81.96.				
Analysis	22.05	3.80	8.81	46.97	⁶⁸³ Degrees Brix 82.00.				
Analysis	21.90	4.53	8.16	46.28	⁶⁸⁴ Degrees Brix 79.45.				
Special X Hog Feed	14.50	3.00	5.50	56.00	⁶⁸⁵ Degrees Brix 82.22.				
Analysis ⁶⁹⁰	15.40	3.84	5.35	56.01	⁶⁸⁶ Degrees Brix 81.82.				
Sterling Brand Horse and Mule Feed	9.50	3.00	9.50	56.00	⁶⁸⁷ Degrees Brix 80.40.				
Analysis	10.45	5.03	8.46	59.36	⁶⁸⁸ Infested with mold.				
Parker-Cole Grain & Feed Company Georgetown, Texas					⁶⁸⁹ Misbranded: sample is corn screenings. Sand, dirt and fat excessive. Infested with molds.				
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	⁶⁹⁰ Obsolete tags attached.				
Analysis ⁶⁹⁶	8.80	3.11	8.58	66.62	⁶⁹¹ Found, not claimed: ground feathers.				
Ground Oats	11.00	4.00	12.00	58.00	⁶⁹² Claimed, not found: ground dehydrated corn plants. Found, not claimed: alfalfa meal and cereal grass meal. Obsolete tags attached.				
Analysis ⁶⁹⁷	10.50	3.86	12.07	53.00	⁶⁹³ Not tagged but tags furnished.				
Parkerson & Co., Grady J., Dallas, Texas					⁶⁹⁴ Found, not claimed: cottonseed meal.				
60% Protein Fish Meal	60.00	5.00	1.00	1.00	⁶⁹⁵ Found, not claimed: grain sorghum meal, corn meal and barley.				
Analysis ⁶⁹³	61.70	6.02	60	4.24	⁶⁹⁶ Found, not claimed: corn meal and rye flour.				
Analysis ⁶⁹³	60.00	4.42	53	7.84	⁶⁹⁷ Found, not claimed: cottonseed meal.				
Analysis ⁶⁹³	60.00	8.60	58	6.58	⁷⁰⁰ Obsolete tags attached.				
Analysis ⁶⁹³	63.40	6.36	84	2.72	⁷⁰² Not registered.				
Analysis ⁶⁹³	65.85	4.64	45	3.79	⁷⁰³ Incorrectly printed tags attached.				
Analysis	65.40	6.34	30	2.42					
Analysis ⁶⁹³	53.20	8.47	57	6.44					
Analysis	64.20	6.69	58	2.49					
Analysis	65.00	3.67	67	5.60					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Phenix Food Co., Chicago, Illinois					Pioneer Flour Mills, San Antonio, Texas				
Kraco Dried Whey	12.00	0.50	0.00	68.00	—Continued				
Analysis	13.20	.31	0.00	74.83	Pioneer White Wings Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00
Analysis ⁷⁰⁴	12.20	.56	0.00	70.11	Analysis	16.80	4.00	5.42	64.43
Analysis ⁷⁰⁴	14.00	1.12	0.00	71.39	Analysis	16.55	3.57	5.37	61.11
Kraylets Plus 2 For Livestock-Poultry	20.00	4.50	2.00	55.00	Analysis	16.00	3.77	5.44	60.50
Analysis ⁷⁰⁴	22.50	7.83	1.94	49.65	Texas Pioneer Chick Starter	20.00	3.00	6.50	48.20
Pilgrim Feed Mills, Pittsburg, Texas					Analysis ⁷¹⁷	20.70	4.09	5.48	52.18
Vit-A-Mix Brand 18% Protein Dairy Feed	18.00	2.50	11.00	48.00	Texas Pioneer Cow Feed	20.00	2.50	10.00	44.00
Analysis	18.15	3.80	9.49	49.63	Analysis ⁷¹⁷	21.80	3.81	8.27	47.87
Vita Mix Brand 16% Protein Dairy Feed	16.00	2.80	11.50	48.00	Plains Cooperative Oil Mill, Lubbock, Tex.				
Analysis ⁷⁰⁵	17.40	4.12	9.68	51.49	41% Protein Cottonseed Pellets	41.00	5.00	12.00	25.00
Vita-A-Mix Brand 16% Protein Dairy Feed	16.00	2.50	11.00	47.00	Analysis ⁷¹⁸	41.10	2.13	12.00	29.55
Analysis	17.10	3.77	6.58	54.12	80-20 Cottonseed Hulls and Solvent Extracted Cottonseed Meal	11.40	0.60	38.00	37.00
Little Elise Brand 16% Protein Cow Feed	16.00	2.00	27.50	34.00	Analysis ⁷¹⁹	14.00	1.07	31.01	40.54
Analysis	17.25	3.06	26.02	33.77	Plainsman Brand 41% Protein Solvent Extracted Cottonseed Meal	41.00	0.50	13.00	25.00
Special 16% Protein Dairy Feed	16.00	2.70	13.00	45.50	Analysis	41.50	1.60	9.22	29.31
Analysis	18.10	3.50	11.72	47.65	Analysis	41.75	1.36	10.47	31.89
Pillsbury Mills, Inc.					Analysis	40.20	1.51	11.95	30.40
Minneapolis, Minn. and Branches					Plainsman Brand 41% Protein Solvent Extracted Cottonseed Meal	41.00	1.50	14.00	25.00
Pillsbury's Wheat Bran and Screenings	14.50	3.50	10.00	50.00	Analysis ⁷²⁰	42.00	2.17	11.22	26.81
Analysis ⁷⁰⁴	15.80	4.18	9.80	54.34	Analysis	41.20	1.53	11.82	31.36
Analysis ⁷⁰⁴	15.70	3.68	11.01	52.51	Analysis	41.10	1.87	10.62	30.00
Pillsbury Mills, Inc.					Analysis	41.10	1.60	11.85	26.84
Feed and Soy Division					Analysis	41.20	1.58	11.21	30.69
Clinton, Iowa and Branches					Analysis	41.40	1.95	11.73	29.99
Pillsbury Best Breeder Mash	20.00	3.00	8.00	47.00	Plainview Rendering Co., Inc.				
Analysis	20.80	4.14	8.00	48.22	Plainview, Texas				
Pillsbury's Best Laying Mash	20.00	3.00	8.00	40.00	50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00
Analysis ⁷⁰⁶	20.00	2.56	6.07	52.05	Analysis	51.40	12.37	3.78	2.51
Analysis	20.35	3.09	5.69	52.45	Planters Cotton Oil Co., Weatherford, Tex.				
Pillsbury's Best Grower-Layer Concentrate	38.00	1.50	7.00	24.00	41% Protein Peanut Meal	41.00	4.00	16.00	23.00
Analysis ⁷⁰⁷	38.20	2.42	6.05	28.68	Analysis	39.40	8.09	10.36	28.27
Pillsbury's Best Starter-Broiler concentrate	38.00	1.50	7.00	27.00	Analysis	40.00	8.07	9.15	29.17
Analysis ⁷⁰⁸	38.10	2.36	5.66	30.82	Analysis	42.30	7.84	10.41	27.92
Pillsbury's Best Starter and Grower	20.00	3.00	7.00	50.00	Analysis	39.40	8.06	15.98	24.30
Analysis	22.10	3.15	5.69	50.87	Analysis	43.50	10.24	10.56	24.03
Pillsbury's Champion 20% (Equivalent) Protein Dairy Feed ⁷⁰⁹	20.00	3.00	11.00	44.00	Analysis	41.40	7.92	11.04	25.31
Analysis ⁷¹⁰	22.20	2.76	7.30	49.34	Analysis	41.00	7.76	10.68	26.30
Pillsbury's Best Turkey Starter	24.00	3.00	7.00	45.00	Analysis	39.80	8.90	9.83	26.83
Analysis	24.50	3.44	6.38	47.71	Analysis	42.50	6.35	8.50	27.25
Analysis	25.50	3.45	6.32	45.26	Planters Cotton Oil Mill, Ennis, Texas				
Pillsbury's Best Turkey Starter—Containing Sulfiquinoxaline	24.00	3.00	7.00	45.00	41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Analysis ⁷⁰⁴	24.10	3.44	5.91	49.10	Analysis ⁷¹¹	40.30	5.25	12.61	28.21
Pincoff's Co., Maurice, Houston, Texas					Analysis	40.35	6.36	12.40	25.88
Pinco Brand 41% Protein Cottonseed Cake	41.00	5.00	13.00	25.00	41% Protein Cottonseed Pellets	41.00	5.00	12.00	25.00
Analysis ⁷¹¹	41.20	5.59	12.52	26.42	Analysis	42.00	5.67	12.70	25.55
Pinco Brand 41% Protein Cottonseed Meal	41.00	3.00	13.00	25.00	Planters Cotton Oil Mill, Pine Bluff, Ark.				
Analysis ⁷¹²	38.93	3.56	12.12	27.04	Planter's Prime 41% Protein Cottonseed Meal	41.00	5.00	12.00	24.00
Analysis	39.70	3.43	13.00	25.96	Analysis	42.00	7.25	10.45	27.28
Analysis ⁷¹³	39.10	5.07	14.55	27.39	Planters Fertilizer & Soybean Co.				
Analysis ⁷¹⁴	40.20	3.42	14.61	27.99	Pine Bluff, Arkansas				
Analysis ⁷¹⁴	40.40	5.66	14.38	25.08	Razorback Brand 44% Protein Soybean Meal	44.00	3.50	6.00	31.00
Analysis ⁷¹⁴	40.20	5.38	12.35	26.47	Analysis	44.00	6.18	5.95	28.81
Analysis ⁷¹⁴	41.60	4.95	12.66	25.59	Analysis ⁷¹⁷	46.30	5.52	6.70	29.21
Analysis ⁷¹⁴	41.20	5.47	12.83	26.40	⁷⁰⁴ Not tagged.				
Analysis ⁷¹⁴	41.20	5.68	10.69	28.15	⁷⁰⁵ Found, not claimed: grain sorghum gluten feed.				
Analysis	42.40	4.79	12.79	26.38	⁷⁰⁶ Found, not claimed: ground rye and pea meal.				
Analysis	41.00	6.07	12.35	24.11	⁷⁰⁷ Maximum salt guaranteed 1.5%, found 1.20%. Minimum calcium guaranteed 4.7%, found 5.43%. Minimum phosphorus guaranteed 1.5%, found 1.54%.				
Analysis	42.00	5.67	12.98	26.16	⁷⁰⁸ Maximum salt guaranteed 1.0%, found 1.02%. Minimum calcium guaranteed 3.0%, found 3.3%. Minimum phosphorus guaranteed 1.2%, found 1.21%.				
Analysis	40.50	6.42	13.12	26.91	⁷⁰⁹ Guaranty includes 6.55% equivalent protein from 2.25% urea.				
Analysis	42.00	6.92	11.18	27.84	⁷¹⁰ Analysis includes 6% equivalent protein from 2.06% prea. Found, not claimed: pea meal and beet pulp. Not tagged but tags furnished.				
Analysis	40.60	5.68	12.57	27.23	⁷¹¹ Not tagged but tags furnished.				
Pinco Brand 60% Protein Fish Meal	60.00	5.00	1.00	1.00	⁷¹² Found, not claimed: fish meal, bone meal and sand and dirt.				
Analysis ⁷¹¹	63.00	4.28	0.00	3.77	⁷¹³ Lint excessive. Mutilated tags attached.				
Analysis	63.00	6.27	.37	3.18	⁷¹⁴ Mutilated tags attached.				
Analysis	62.60	6.06	.39	3.70	⁷¹⁵ Minimum calcium guaranteed 26.0%, found 31.57%. Minimum phosphorus guaranteed 14.0%, found 14.37%. Incorrectly printed tags attached.				
Pinco Brand Special Steamed Bone Meal	5.00	0.30	2.00	0.00	⁷¹⁶ Minimum calcium guaranteed 19.0%, found 30.28%. Minimum phosphorus 10.0%, found 13.98%. Misbranded: this is special steamed bone meal. Not tagged but tags furnished.				
Analysis ⁷¹¹	6.65	.90	5.63	.05	⁷¹⁷ Incorrectly printed tags attached.				
Analysis ⁷¹⁵	5.75	3.03	6.18	.59	⁷¹⁸ Registration canceled.				
Steamed Bone Meal	23.00	2.00	3.00	0.00	⁷¹⁹ Found, not claimed: gin trash.				
Analysis ⁷¹⁶	8.20	.87	7.49	46.49	⁷²⁰ Obsolete tags attached.				
Pinco Brand Dried Beet Pulp	7.00	0.30	24.00	48.00					
Analysis	8.30	.35	19.67	57.07					
Analysis ⁷¹¹	7.10	.70	20.39	57.64					
Pinkney Packing Co., Amarillo, Texas									
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00					
Analysis	51.30	10.43	2.27	2.66					
Analysis	50.00	10.26	2.15	4.83					
Pioneer Flour Mills, San Antonio, Texas									
Wheat Bran and Screenings	16.50	4.00	10.00	50.00					
Analysis ⁷¹⁷	16.80	4.57	10.49	52.78					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Planters Fertilizer & Soybean Co. Pine Bluff, Arkansas—Continued					Presley Feed Store, Breckenridge, Texas				
Razorback Brand 41% Protein Soybean Meal	41.00	3.50	6.00	30.00	Presley's Best 20% Protein Range Cubes	20.00	2.80	10.00	47.00
Analysis	44.00	5.69	6.00	29.74	Analysis	19.80	3.28	7.83	50.94
Analysis	44.60	5.66	5.86	30.30	Analysis	20.00	2.82	7.97	51.43
Analysis	46.60	5.96	6.53	27.18	Princeton Feed Mill, Princeton, Texas				
Analysis	46.40	5.38	6.40	28.83	Princo Brand Egg Mash	20.00	3.00	7.00	46.00
Analysis ⁷²³	41.30	17.62	5.98	23.69	Analysis	21.50	5.00	6.48	46.56
Analysis ⁷²⁴	39.60	19.53	6.72	27.05	Pritchard Rice Milling Co., Houston, Texas				
Planters Mfg. Co., Clarksdale, Miss.					Primco Rice Bran Containing Calcium Carbonate	12.00	12.00	15.00	38.00
44% Protein Solvent Extracted Soybean Meal	44.00	0.50	7.00	27.00	Analysis	10.70	10.03	15.00	40.89
Analysis	44.70	1.29	7.30	31.68	Analysis	10.10	11.65	12.93	43.25
41% Protein Solvent Extracted Cottonseed Meal	41.00	0.50	14.00	0.00	Analysis	11.55	13.30	14.93	36.81
Analysis ⁷²⁵	39.80	.90	11.06	36.09	Producers Cooperative Mill				
Platte Valley Products, Inc.					Midlothian, Texas				
Lexington, Nebraska					41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Dehydrated Alfalfa Meal	17.00	1.50	27.00	35.00	Analysis	41.00	6.63	12.91	20.85
Analysis ⁷²⁵	17.30	2.68	26.10	36.79	Analysis	38.53	5.58	13.16	29.03
Pleasant Valley Feed & Lumber Co.					Analysis	40.00	6.54	13.48	27.79
Amarillo, Texas					Analysis	42.00	6.35	11.89	27.28
Pleasant Valley Dairy Feed	18.50	3.60	10.00	50.00	41% Protein Cottonseed Pellets	41.00	5.00	12.00	25.00
Analysis	19.00	2.98	9.04	52.13	Analysis	41.00	6.46	13.01	26.33
Pleasant Valley Laying Mash	19.50	3.40	8.00	45.50	Midco Mixed Feed	11.40	1.50	38.00	37.00
Analysis	20.40	4.31	7.62	50.91	Analysis	10.77	1.57	27.84	49.17
Port City Packing Co., Houston, Texas					Producers Cooperative Oil Mill				
Big State Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	Oklahoma City, Oklahoma				
Analysis	51.00	10.16	2.95	1.46	Co-Op Brand 41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Analysis	50.10	11.94	2.36	.15	Analysis	40.20	3.69	12.77	27.85
Analysis	49.80	11.13	1.88	.88	Producers Cotton Oil Co., Fresno, Calif.				
Analysis	48.00	11.75	2.71	2.77	Producers 41% Protein Cottonseed Meal	41.00	3.50	13.00	0.00
Analysis	49.80	10.11	2.88	2.23	Analysis ⁷²⁶	41.80	3.57	12.68	26.57
Analysis ⁷²⁶	51.60	10.59	3.00	2.43	Producers Cotton Oil Co. of Arizona				
Porter & White, Knox City, Texas					Phoenix, Arizona				
Our Best Egg Mash	20.00	3.40	6.00	49.00	Apco Brand 43% Protein Cottonseed Meal	43.00	3.50	12.00	23.00
Analysis	19.85	3.91	5.51	52.82	Analysis	40.10	3.92	13.92	28.81
More Milk Brand Dairy Feed	18.00	2.50	11.50	49.00	Apco Brand 41% Protein Cottonseed Meal	41.00	3.50	13.00	23.00
Analysis	19.70	3.50	11.76	50.44	Analysis ⁷³⁴	39.80	4.54	13.00	29.39
Porter & White Baby Chick Starter	20.00	3.50	6.00	49.00	Analysis	40.35	4.22	12.26	26.81
Analysis	23.80	3.57	4.71	50.65	Producers Feed & Supply, Timpson, Texas				
Poston Feed Store, Stephenville, Texas					East Texas Quality Brand 18% Protein Broiler Supplement — Containing Nitrofurazone	18.00	2.50	6.00	50.00
Ground Whole Oats	11.00	4.00	12.00	58.00	Analysis	18.30	2.97	3.65	58.69
Analysis	11.95	4.86	10.27	60.44	East Texas Quality Brand Broiler Feed — Containing Arsanilic Acid and Nitrofurazone	20.00	2.50	5.50	48.00
Analysis ⁷²⁷	11.70	4.03	10.11	59.78	Analysis	21.30	3.20	3.96	55.06
Analysis ⁷²⁷	12.80	4.17	9.37	59.13	Producers Grain Corp., Amarillo, Texas				
Milo Meal	10.00	2.50	3.00	70.00	Producers Special Laying Mash	18.00	3.50	8.00	48.00
Analysis ⁷²⁸	12.75	2.54	3.00	68.76	Analysis	19.40	3.77	5.59	56.42
Peanut Hulls and Molasses	6.80	1.20	44.00	33.00	Producers Special 16% Protein Sweet Feed	16.00	2.00	15.00	46.00
Analysis ⁷²⁸	8.00	3.06	41.86	31.12	Analysis	16.60	2.23	11.36	47.59
Ground Yellow Corn and Ground Corn Cobs	6.50	2.20	15.50	62.00	P. G. C. Chick Starter All-Mash	18.00	2.50	7.00	50.00
Analysis	7.70	2.58	14.51	62.31	Analysis	18.80	4.37	5.11	53.79
Poston 16% Protein Dairy Ration	16.00	3.00	15.50	45.00	P. G. C. Broiler Feed	20.00	2.50	5.50	51.00
Analysis	15.35	2.84	10.27	55.59	Analysis	21.70	4.56	3.88	52.37
Analysis ⁷³⁰	15.75	3.62	11.76	51.84	P. G. C. Buck and Bull Feed	11.20	3.00	10.00	56.00
Analysis ⁷³⁰	15.50	3.15	13.22	50.84	Analysis ⁷³⁵	12.15	4.04	9.29	57.33
Poston Mixed Feed	15.00	3.00	23.00	40.00	P. G. C. Calf Feed	22.00	4.20	4.50	52.50
Analysis	18.03	3.80	18.94	38.13	Analysis ⁷³⁶	20.05	4.59	4.14	53.52
Analysis	14.30	3.00	16.63	48.70	P. G. C. 20% Protein Cattle Feed — Cubed	20.00	2.50	7.50	49.00
Analysis ⁷³¹	15.10	2.19	18.21	46.73	Analysis ⁷³⁷	21.95	2.54	6.28	51.20
Powell Grain Company, Anna, Texas					P. G. C. Special 16% Protein Dairy Feed	16.00	3.00	11.00	50.00
Ear Corn Chop With Husk	8.00	3.00	10.00	65.00	Analysis ⁷³⁸	18.55	3.03	8.60	49.27
Analysis	9.00	3.24	8.68	66.42	⁷²³ Not tagged but tags furnished.				
Power Feed Mills, Abilene, Texas					⁷²⁴ Fat excessive.				
All-Weather Brand Egg Laying Mash	18.00	3.00	8.00	51.00	⁷²⁵ Feed not registered.				
Analysis	18.40	4.68	7.20	51.91	⁷²⁶ Paunch content excessive. Not tagged.				
Analysis	18.50	3.20	6.82	50.49	⁷²⁷ Found, not claimed: corn meal, grain sorghum meal, ground barley, and a trace of cottonseed meal.				
Analysis	18.50	4.67	6.67	52.18	⁷²⁸ Found, not claimed: corn meal and ground oats.				
Dairy Assn. Special Brand Dairy Feed	16.50	3.20	7.50	50.00	⁷³⁰ Found, not claimed: alfalfa meal.				
Analysis	18.00	3.34	6.52	54.56	⁷³¹ Found, not claimed: alfalfa meal and a trace of soybean meal. Claimed, not found: peanut meal.				
Abtex Brand Super Layer Mash	20.00	3.00	7.50	50.00	⁷³² Found, not claimed: dried skimmed milk and a trace of bone meal.				
Analysis	20.60	4.82	6.73	49.20	⁷³⁴ Not tagged.				
Power Brand Special Grower	18.00	3.00	6.50	50.00	⁷³⁵ Found, not claimed: bone meal and calcium carbonate.				
Analysis	18.10	3.42	5.74	57.30	⁷³⁶ Found, not claimed: grain sorghum meal and ground barley. Claimed, not found: dried skimmed milk.				
Power Brand All-Mash Layer	17.00	3.00	6.50	52.00	⁷³⁷ Claimed, not found: soybean meal.				
Analysis	17.05	4.11	4.89	55.10	⁷³⁸ Found, not claimed: grain sorghum gluten feed. Claimed, not found: corn gluten feed.				
Power Super Layer Mash	20.00	3.00	7.00	50.00					
Analysis	20.30	3.92	5.52	49.64					
Analysis	20.00	3.08	6.41	50.15					
Power Brand Starter and Grower	20.00	3.00	5.70	52.00					
Analysis	20.90	3.54	4.93	51.86					
Analysis	21.40	3.92	4.97	51.95					
Power Brand Club Calf Feed	11.00	3.50	8.00	58.00					
Analysis ⁷³²	14.30	5.00	6.99	61.03					
Prather's Feed Store, Donna, Texas									
Don-O Dairy Feed	15.00	3.00	13.00	49.00					
Analysis	17.50	7.45	9.10	52.15					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Producers Grain Corp., Amarillo, Texas					Quaker Oats Co., The, Chicago, Illinois				
—Continued					—Continued				
P. G. C. 36% Protein Supplement For Hogs	36.00	3.00	9.00	23.00	Ful-O-Pep Brand Broiler Concentrate—Containing Arsanilic Acid	38.00	2.00	6.50	22.00
Analysis ⁷³⁹	34.40	3.95	8.11	30.06	Analysis	40.20	2.72	6.00	29.36
P. G. C. Growing Mash	17.00	2.50	7.00	50.00	Quality Feed Store, Waco, Texas				
Analysis	19.50	3.81	4.72	53.90	Texas Brand 18% Protein Dairy Ration				
P. G. C. 30% Protein Supplement For Hogs	30.00	3.50	8.00	33.00	Analysis	17.05	4.73	12.58	48.65
Analysis	27.50	3.63	7.94	42.18	Quality Mills, Austin, Texas				
Analysis	30.65	4.46	8.00	37.39	Hi-Bred Brand Dairy Feed				
P. G. C. Laying Mash	20.00	2.50	7.50	47.00	Analysis ⁷⁵⁷	18.00	3.70	13.00	43.00
Analysis	21.20	4.23	5.71	50.78	Analysis ⁷⁵⁷	16.90	5.07	11.68	46.23
P. G. C. Pig and Sow Feed	16.00	3.00	6.00	53.80	Analysis ⁷⁵⁷	16.70	5.19	10.35	48.86
Analysis	17.25	3.29	5.02	56.05	Analysis ⁷⁵⁷	17.80	6.10	9.57	48.38
P. G. C. 32% Protein Supplement For Poultry	32.00	4.00	8.00	38.00	Quality Oil Co., Fredericksburg, Texas				
Analysis	32.80	4.38	8.00	28.37	41% Protein Peanut Meal				
P. G. C. Turkey Starter	25.00	3.00	7.00	42.00	Analysis	41.00	5.00	16.00	25.00
Analysis	25.00	3.51	6.07	49.10	Analysis	40.60	7.31	9.87	30.00
P. G. C. Drought Emergency Feed	21.00	2.00	8.00	49.00	Analysis	39.00	10.65	9.17	28.59
Analysis	22.65	2.05	6.66	48.85	Analysis ⁷⁵⁸	39.20	11.31	8.87	28.77
P. G. C. Drought Emergency Feed No. 2	12.00	2.50	5.00	61.00	Analysis	40.40	10.29	9.21	27.58
Analysis ⁷⁴¹	14.00	2.64	4.40	63.38	Analysis	43.50	9.87	6.92	27.33
P. G. C. 20% (Equivalent) Protein Drought Emergency Feed ⁷⁴²	20.00	2.50	5.00	59.00	Analysis	43.30	9.26	8.96	28.71
Analysis ⁷⁴³	18.15	2.54	3.82	61.66	Analysis	39.20	8.71	12.95	28.01
Analysis ⁷⁴⁴	19.50	2.73	3.94	63.24	Analysis	40.70	9.38	12.60	25.20
Analysis ⁷⁴⁵	20.20	2.87	3.73	62.76	Analysis	41.40	5.96	14.59	27.99
Analysis ⁷⁴⁶	19.50	2.69	3.90	63.50	Analysis	42.50	4.66	13.82	27.45
P. G. C. 15% (Equivalent) Protein Drought Emergency Feed ⁷⁴⁷	15.00	2.50	5.00	60.00	Analysis	40.50	4.94	16.43	25.72
Analysis ⁷⁴⁸	15.30	3.32	3.30	64.98	Analysis	43.00	6.00	13.50	22.47
Analysis ⁷⁴⁹	14.00	3.10	4.12	63.55	Analysis	39.00	5.43	11.22	31.82
Pueblo Flour Mills, The, Pueblo, Colorado					Quannah Cotton Oil Co., Quannah, Texas				
Wheat Gray Shorts	17.00	4.00	6.00	55.00	41% Protein Cottonseed Meal				
Analysis	17.35	3.79	5.74	60.28	Analysis	41.00	3.50	13.00	25.00
Purity Feed & Seed Co., Beeville, Texas					Analysis				
Bee-Co Cottonseed Meal, Salt and Bone Meal	30.00	3.50	8.50	17.50	Analysis	42.80	4.63	11.53	28.45
Analysis ⁷⁵⁰	28.50	4.29	10.50	19.44	Analysis	41.60	4.79	12.32	29.55
Bee-Co 30% Protein Supplement Feed	30.00	5.50	10.00	26.00	Analysis	42.60	4.71	12.01	28.44
Analysis	33.20	9.13	9.56	23.26	Analysis	42.20	4.88	13.49	29.69
Bee-Co Special Laying Mash	19.00	3.60	7.50	46.00	Analysis	41.00	3.50	13.00	25.00
Analysis ⁷⁵¹	19.80	4.30	6.39	48.12	Analysis	42.60	4.38	11.69	28.99
Bee-Co Mixed Feed	17.00	3.00	11.00	40.00	Analysis	42.00	4.75	10.98	29.36
Analysis	17.50	13.91	7.99	38.70	Analysis	14.50	1.50	38.00	35.00
Quaker Oats Co., The, Chicago, Illinois					Mixed Feed No. 1				
Victor Brand Rolled Oats	16.00	5.00	2.50	66.00	Analysis	9.90	1.50	32.98	44.42
Analysis ⁷⁵²	16.65	5.96	2.16	64.44	Analysis	12.50	1.89	33.34	41.83
Aunt Jemima Hominy Feed	10.00	4.00	7.00	60.00	Analysis ⁷⁵⁹	15.00	2.10	32.55	39.49
Analysis ⁷⁵²	12.70	4.54	6.98	60.94	Quincy Soybean Products Co., Quincy, Ill.				
Quaker 16% Protein Dairy Feed	16.00	2.50	12.00	46.00	Purity Brand 44% Protein Solvent Extracted Soybean Oil Meal				
Analysis ⁷⁵³	18.30	2.59	10.00	47.23	Analysis ⁷⁵²	44.00	0.50	7.00	28.00
Quaker 18% Protein Dairy Feed	18.00	2.50	14.00	48.00	Analysis	44.10	1.15	6.72	30.79
Analysis ⁷⁵⁴	19.70	2.67	11.06	47.67	Quint County Cooperative, Mangum, Okla.				
Quaker Sugared Schumacher Feed	12.00	2.50	12.00	55.00	Dried Whey				
Analysis	13.00	2.63	10.81	56.12	Analysis	12.00	0.50	0.00	28.00
Ful-O-Pep Brand Chick Starter Pepettes	20.00	4.00	7.00	50.00	Analysis	15.40	.57	0.00	69.49
Analysis	20.50	4.88	7.00	51.07	Analysis	13.60	.56	0.00	72.01
Ful-O-Pep Brand Growing Mash Pepettes	19.00	3.50	8.00	47.00	Ralston Purina Co., St. Louis, Missouri				
Analysis	18.50	5.10	7.21	51.48	Rolled Barley				
Ful-O-Pep Brand Laying Mash	20.00	3.00	8.00	45.00	Analysis	10.00	2.00	5.00	65.00
Analysis	20.80	4.72	4.44	50.16	Analysis	10.20	2.38	5.73	68.96
Ful-O-Pep Brand Laying Mash—Pelleted	20.00	3.00	8.00	45.00	Analysis	11.50	4.00	12.00	53.00
Analysis	19.20	3.57	8.47	49.45	Analysis ⁷⁶¹	13.80	4.14	9.21	59.88
Ful-O-Pep Brand Laying Mash Pepettes	20.00	3.00	8.00	45.00	759 Incorrectly printed tags attached.				
Analysis	20.40	4.12	7.39	51.50	760 Found, not claimed: pulverized oats and barley. Incorrectly printed tags attached.				
Ful-O-Pep Brand Cage Layer Pepettes	18.00	3.50	8.00	50.00	761 Microestimation: corn meal 34.66%.				
Analysis	19.30	3.79	6.58	52.17	762 Guaranty includes 6.55% equivalent protein from 2.25% urea.				
Ful-O-Pep Brand 16% Protein Dairy Feed	16.00	3.00	11.00	50.00	763 Analysis includes 5.50% equivalent protein from 1.89% urea. Microestimation: corn meal 35.49%.				
Analysis ⁷⁵⁵	16.30	3.02	7.72	53.65	764 Analysis includes 5.75% equivalent protein from 1.98% urea. Microestimation: corn meal 33.85%.				
Ful-O-Pep Brand Milking Feed	16.00	2.50	11.00	50.00	765 Analysis includes 5.65% equivalent protein from 1.94% urea. Microestimation: corn meal 35.51%.				
Analysis	16.90	2.64	7.91	51.33	766 Analysis includes 5.75% equivalent protein from 1.98% urea. Microestimation: corn meal 33.57%.				
Analysis	17.50	2.74	8.74	51.42	767 Guaranty includes 4.59% equivalent protein from 1.57% urea.				
Analysis	16.70	2.91	9.00	52.16	768 Analysis includes 4.70% equivalent protein from 1.62% urea. Microestimation: corn meal 72.93%.				
Ful-O-Pep Brand Broiler Ration Pepettes	20.00	2.50	5.00	50.00	769 Analysis includes 1.50% equivalent protein from .52% urea. Microestimation: corn meal 35.09%. Not tagged.				
Analysis	22.60	2.64	3.68	54.71	770 Maximum salt guaranteed 25.0%, found 21.60%. Minimum calcium guaranteed 1.0%, found 2.36%. Minimum phosphorus guaranteed 0.5%, found 0.98%.				
Ful-O-Pep Brand Range Feed Special	21.00	1.50	8.00	26.00	751 Found, not claimed: corn meal and pulverized barley.				
Analysis ⁷⁵⁶	22.10	2.42	7.01	28.30	752 Not tagged but tags furnished.				
Ful-O-Pep Super Greens Brand Mash—Pellets	19.00	4.00	8.00	47.00	753 Found, not claimed: fish meal.				
Analysis	20.40	4.75	6.62	50.74	754 Obsolete tags attached.				
Ful-O-Pep Brand Horse Feed	12.00	3.00	11.00	54.00	755 Incorrectly printed tags attached.				
Analysis	11.30	3.95	7.47	63.09	756 Maximum salt guaranteed 25%, found 25.80%.				
Ful-O-Pep Brand Turkey Starter	26.00	2.50	8.00	35.00	757 Not made according to registered formula.				
Analysis	26.40	3.87	8.00	43.98	758 Fat excessive.				
Ful-O-Pep Brand 26% Protein Turkey Grower—Pellets	26.00	3.00	8.00	45.00	759 Found, not claimed: gin trash.				
Analysis	27.25	3.95	7.78	40.28	760 Found, not claimed: cane molasses. Sampled before registration.				
Ful-O-Pep Brand Broiler Finisher—Containing Nitrophenide and Arsanilic Acid	18.00	2.50	4.00	50.00					
Analysis	17.90	3.54	3.59	58.94					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Ralston Purina Co., St. Louis, Missouri					Ralston Purina Co., St. Louis, Missouri				
—Continued					—Continued				
Mixed Screenings	13.00	2.50	14.00	40.00	Purina 32% Protein Sow and Pig Chow Supplement	32.00	2.50	9.00	30.00
Analysis ⁷⁶²	11.00	3.17	20.21	45.52	Analysis ⁷⁹⁴	33.40	4.91	6.51	30.72
Analysis ⁷⁶³	11.28	5.68	21.26	42.37	Purina Hog Chow Supplement	36.00	2.00	10.00	24.00
Mixed Screenings	13.00	2.50	14.00	46.00	Analysis ⁷⁹⁵	36.40	2.03	6.98	29.51
Analysis ⁷⁶⁴	13.20	3.07	16.26	47.46	Analysis ⁷⁹⁶	38.40	4.52	6.72	27.63
Dehydrated Alfalfa Meal	17.00	1.00	27.00	35.00	Purina 36% Protein Hog Chow Supplement	36.00	2.00	10.00	24.00
Analysis	17.80	2.34	23.77	36.72	Analysis ⁷⁹⁷	36.00	4.59	6.66	27.44
Purina Breeder Lay Chow	20.00	2.50	6.50	46.00	Purina Turkey Startena	28.00	2.50	7.00	36.00
Analysis ⁷⁶⁵	21.80	3.61	5.19	48.64	Analysis ⁷⁹⁸	28.50	4.12	6.14	43.41
Analysis ⁷⁶⁶	21.80	4.36	4.77	49.70	Purina Chick Growing Chow T	23.00	2.50	8.00	42.00
Purina Broiler Chow Starter	22.00	3.00	5.00	47.00	Analysis	23.00	3.40	6.38	48.26
Analysis ⁷⁶⁷	24.90	5.28	3.93	48.40	Purina Broiler Chow Finisher—Containing 3-Nitro	18.00	3.00	4.50	50.00
Analysis ⁷⁶⁸	23.60	4.50	4.17	51.48	Analysis ⁷⁸⁹	21.00	4.43	3.84	54.93
Purina Broiler Chow Finisher All-Mash	18.00	3.00	4.50	50.00	Purina Broiler Chow Starter—Containing 3-Nitro	22.00	3.00	5.00	47.00
Analysis	19.50	3.61	3.98	57.23	Analysis	23.80	5.67	4.58	49.77
Analysis	18.00	4.94	4.13	57.01	Analysis	24.25	3.86	4.27	51.62
Purina Chick Growena	17.00	3.00	7.00	48.00	Purina Broiler Chow Starter—Containing 3-Nitro and Nitrophenide	22.70	4.66	4.43	50.05
Analysis	19.50	3.02	4.70	55.08	Purina Cage Layena T	18.00	2.50	6.50	50.00
Analysis	19.50	3.58	4.80	55.49	Analysis ⁷⁹⁸	19.20	3.81	5.49	53.60
Analysis	19.10	3.62	5.24	55.68					
Purina 16% (Equivalent) Protein Dairy Chow A ⁷⁶⁶	16.00	2.50	12.00	42.00					
Analysis ⁷⁶⁷	20.35	2.50	8.41	50.67					
Analysis ⁷⁶⁸	17.80	3.51	9.42	50.06					
Purina Chowder	36.00	1.50	9.00	24.00					
Analysis ⁷⁶⁹	35.50	4.12	6.19	31.34					
Analysis ⁷⁷⁰	38.60	4.43	6.33	24.66					
Purina Flock Chow	18.00	2.50	7.00	42.00					
Analysis	19.00	3.77	5.53	52.57					
Purina Lay Chow	20.00	2.50	6.50	44.00					
Analysis	21.10	3.25	5.36	49.51					
Purina Layena (Complete Ration)	15.50	3.00	6.00	50.00					
Analysis	17.10	4.02	4.95	54.59					
Analysis ⁷⁷¹	17.40	2.51	4.61	54.08					
Purina Poultry Booster Checkers	24.00	2.50	8.00	38.00					
Analysis	25.60	3.53	6.09	49.32					
Analysis	25.00	3.65	6.08	45.44					
Purina Cage Layena (Complete Ration)	18.00	2.50	6.50	50.00					
Analysis	18.80	3.99	5.15	56.13					
Analysis ⁷⁷²	19.00	3.72	5.04	56.74					
Purina 32% (Equivalent) Protein Cow Chow Concentrate ⁷⁷³	32.00	1.50	9.00	32.00					
Analysis ⁷⁷⁴	34.30	2.63	8.47	38.06					
Purina Calf Startena	19.50	2.50	9.50	43.00					
Analysis ⁷⁷⁵	19.70	3.02	8.82	49.97					
Analysis ⁷⁷⁶	23.05	4.01	6.98	49.71					
Purina Creep Chow (For Beef Calves)	13.00	2.00	6.00	55.00					
Analysis	17.65	1.95	6.24	56.06					
16% (Equip.) Protein Drought Emergency Cattle Mix No. 2 Checkers ⁷⁷⁶	16.00	2.50	8.00	48.00					
Analysis ⁷⁷⁶	17.00	3.32	2.80	63.01					
Analysis ⁷⁷⁷	16.30	2.93	4.81	61.35					
Analysis ⁷⁷⁸	16.60	3.21	4.47	62.07					
Analysis ⁷⁷⁹	21.80	2.95	4.65	58.12					
Analysis ⁷⁸⁰	18.40	3.19	4.35	60.99					
Analysis ⁷⁸¹	15.10	2.56	3.17	43.19					
Analysis ⁷⁸²	21.50	2.77	7.11	53.06					
Analysis ⁷⁸³	21.30	2.68	4.61	58.46					
Drought Emergency Mixed Dairy Feed	18.00	2.00	7.00	50.00					
Analysis ⁷⁷²	18.20	2.05	5.36	56.31					
Purina Bulky Las	10.00	1.50	15.00	45.00					
Analysis ⁷⁷²	11.60	1.82	15.00	51.57					
Purina Cow Chow	18.00	3.00	10.00	48.00					
Analysis	16.90	3.08	8.12	51.70					
Purina 32% (Equivalent) Protein Cow Chow Concentrate ⁷⁷⁸	32.00	1.50	9.00	32.00					
Analysis ⁷⁸⁴	31.10	3.58	8.36	40.35					
Purina D & F Chow	12.50	2.50	12.00	48.00					
Analysis ⁷⁸⁵	15.00	3.04	8.75	56.51					
Purina Milk Chow	16.00	2.50	10.00	48.00					
Analysis ⁷⁶⁵	16.80	3.33	7.62	52.03					
Analysis ⁷⁶⁵	18.45	3.02	6.39	53.74					
Analysis ⁷⁶⁵	17.20	2.55	7.31	51.66					
Analysis ⁷⁶⁵	17.50	2.51	8.18	51.75					
Analysis ⁷⁸⁵	17.80	3.02	7.09	50.40					
Purina Milk Chow A	16.00	2.50	10.00	48.00					
Analysis	15.50	3.20	8.32	54.51					
Purina 32% (Equivalent) Protein Steer Fatena ⁷⁷⁸	32.00	2.00	8.00	36.00					
Analysis ⁷⁸⁶	32.20	2.18	10.19	46.23					
Analysis ⁷⁸⁷	30.35	3.57	9.21	40.60					
Purina Range Checkers	20.00	2.50	8.00	48.00					
Analysis ⁷⁸⁸	21.25	2.56	8.27	49.29					
Analysis	21.75	2.11	8.83	48.25					
Analysis ⁷⁶³	19.80	2.57	7.50	50.37					
Purina Hog Fatena	14.00	2.50	7.00	52.00					
Analysis ⁷⁹⁰	15.80	3.00	3.43	59.12					
Analysis	16.40	5.54	3.78	57.13					
Purina Goat Chow	16.00	3.00	10.00	48.00					
Analysis	16.00	3.03	6.87	57.43					
Purina Omolene	10.00	3.00	11.00	56.00					
Analysis ⁷⁹¹	11.45	3.62	7.26	61.29					
Purina Pig Startena	18.00	3.00	6.00	50.00					
Analysis	20.70	3.65	4.87	52.83					
Analysis ⁷⁶³	21.50	4.17	5.16	53.70					
Purina Sow and Pig Chow Supplement	32.00	2.50	9.00	30.00					
Analysis ⁷⁹²	29.00	4.48	5.82	38.12					
Analysis ⁷⁹³	33.60	4.95	6.41	30.82					

⁷⁶²Found, not claimed: fish meal, calcium carbonate and a trace of salt.
⁷⁶³Incorrectly printed tags attached.
⁷⁶⁴Found, not claimed: fish meal and meat scraps.
⁷⁶⁵Found, not claimed: pulverized barley and cottonseed meal. Incorrectly printed tags attached.
⁷⁶⁶Guaranty includes 4.37% equivalent protein from 1.50% urea.
⁷⁶⁷Analysis includes 4.40% equivalent protein from 1.50% urea. Sampled before registration.
⁷⁶⁸Analysis includes 2.25% equivalent protein from .77% urea. Sampled before registration.
⁷⁶⁹Maximum salt guaranteed 1.5%, found 1.71%. Minimum calcium guaranteed 3.5%, found 5.79%. Minimum phosphorus guaranteed 1.2%, found 2.23%.
⁷⁷⁰Maximum salt guaranteed 2.3%, found 1.65%. Minimum calcium guaranteed 5.5%, found 6.64%. Minimum phosphorus guaranteed 2.0%, found 2.27%. Incorrectly printed tags attached.
⁷⁷¹Found, not claimed: cottonseed meal.
⁷⁷²Guaranty includes 8.73% equivalent protein from 3% urea.
⁷⁷³Analysis includes 8.40% equivalent protein from 2.89% urea. Maximum salt guaranteed 2%, found .51%. Minimum calcium guaranteed 3%, found 3.25%. Minimum phosphorus guaranteed 1%, found 1.39%.
⁷⁷⁴Guaranty includes 5.24% equivalent protein from 1.80% urea.
⁷⁷⁵Analysis includes 5.65% equivalent protein from 1.94% urea. Micro-estimation: corn meal 74.20%. Sampled before registration.
⁷⁷⁶Sampled before registration. Micro-estimation: corn meal 76.24%.
⁷⁷⁷Analysis includes 5.15% equivalent protein from 1.77% urea. Sampled before registration.
⁷⁷⁸Analysis includes 5.78% equivalent protein from 1.99% urea. Micro-estimation: corn meal 75.35%. Sampled before registration.
⁷⁷⁹Analysis includes 3% equivalent protein from 1.03% urea. Sampled before registration.
⁷⁸⁰Analysis includes 2.90% equivalent protein from 1% urea. Sampled before registration.
⁷⁸¹Analysis includes 3.20% equivalent protein from 1.10% urea.
⁷⁸²Analysis includes 5.10% equivalent protein from 1.75% urea.
⁷⁸³Analysis includes 7.85% equivalent protein from 2.70% urea. Maximum salt guaranteed 2%, found 2.13%. Minimum calcium guaranteed 3%, found 5.63%. Minimum phosphorus guaranteed 1%, found 1.27%.
⁷⁸⁴Found, not claimed: fish meal.
⁷⁸⁵Analysis includes 8.15% equivalent protein from 2.80% urea.
⁷⁸⁶Analysis includes 3.15% equivalent protein from 1.08% urea. Incorrectly printed tags attached.
⁷⁸⁷Not tagged but tags furnished.
⁷⁸⁸Obsolete tags attached.
⁷⁸⁹Found, not claimed: cottonseed meal, bone meal and traces of soybean meal and fish meal.
⁷⁹⁰Maximum salt guaranteed 1.5%, found 1.65%. Minimum calcium guaranteed 3.5%, found 3.5%. Minimum phosphorus guaranteed 1.6%, found 1.62%. Obsolete tags attached.
⁷⁹¹Maximum salt guaranteed 1.5%, found 2.34%. Minimum calcium guaranteed 3.5%, found 3.31%. Minimum phosphorus guaranteed 1.6%, found 1.92%.
⁷⁹²Maximum salt guaranteed 1.5%, found 2.61%. Minimum calcium guaranteed 3.5%, found 2.95%. Minimum phosphorus guaranteed 1.6%, found 1.97%. Incorrectly printed tags attached.
⁷⁹³Maximum salt guaranteed 1.5%, found 2.61%. Minimum calcium guaranteed 4.0%, found 4.01%. Minimum phosphorus guaranteed 1.8%, found 1.64%. Obsolete tags attached.
⁷⁹⁴Maximum salt guaranteed 1.5%, found 1.65%. Minimum calcium guaranteed 4.0%, found 3.79%. Minimum phosphorus guaranteed 1.8%, found 1.52%. Incorrectly printed tags attached.
⁷⁹⁵Maximum salt guaranteed 1.8%, found 1.8%. Minimum calcium guaranteed 4.0%, found 5.57%. Minimum phosphorus guaranteed 1.8%, found 2.10%.
⁷⁹⁶Sample before registration.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Ralston Purina Co., St. Louis, Missouri —Continued					R & M Feed Store, Bowie, Texas				
Purina Chick Startena—Containing 3-Nitro	20.00	3.00	5.00	50.00	Farm Balanced Egg Mash	18.00	4.00	7.00	51.00
Analysis	20.20	5.04	4.50	53.64	Analysis	20.00	4.25	5.89	51.22
Analysis ⁸¹⁵	22.50	3.19	4.85	52.32	Robbins Feed & Grocery Co., Dublin, Texas				
Analysis ⁸⁰⁶	22.60	3.08	4.27	52.77	Shamrock 16% Protein Dairy Feed	16.00	3.50	13.50	47.50
Purina Lay Chow T	20.00	2.50	6.50	44.00	Analysis	16.80	3.83	12.65	49.40
Analysis	21.25	3.31	5.17	50.36	Shamrock 19% Protein Egg Mash	19.00	3.50	8.00	48.00
Purina Turkey Growena C	20.00	3.00	7.00	48.00	Analysis ⁸⁰⁹	22.00	4.40	6.25	46.62
Analysis	22.70	4.17	6.27	48.94	Analysis	20.20	4.49	7.37	47.94
Ranson's Farm & Ranch Store, Leon Levelland, Texas					Shamrock Hog Feed	15.00	2.50	6.50	57.00
Chowmix Hog Feed	14.00	3.00	6.00	56.00	Analysis	16.70	4.40	7.43	52.04
Analysis ⁷⁹⁹	15.20	3.40	2.66	63.99	Roberts Grain Co., R. C., McKinney, Tex.				
Raymondville Cotton Oil Company Raymondville, Texas					Roberts Sweet Feed	16.00	3.00	14.00	48.00
Valley Brand 41% Protein Cottonseed Meal	41.00	4.00	13.00	25.00	Analysis	16.80	3.57	12.34	53.27
Analysis	42.20	4.52	12.08	29.06	Rockdale Feed & Seed Co., Rockdale, Tex.				
Analysis	41.40	4.63	14.24	28.50	Doc's Dairy Feed	16.00	3.00	12.00	48.00
Analysis ⁸⁰⁰	38.60	4.13	15.44	29.74	Analysis	16.70	4.26	10.82	51.33
Analysis	41.60	4.39	14.14	27.62	Roddy Milling Co., Corpus Christi, Texas				
Analysis	41.40	4.43	13.40	28.50	Kremo Brand Dairy Feed	16.00	3.00	13.00	43.50
Red Chain Feed Company, Austin, Texas					Analysis ⁸¹⁰	21.85	2.13	9.40	48.33
Red-Co 14% Protein Hog Feed	14.00	3.00	4.50	62.00	Roddy's Egg Mash	20.00	3.50	8.00	45.00
Analysis ⁸⁰¹	17.00	5.77	9.55	49.80	Analysis	17.70	4.47	5.94	52.21
Red River Feed Mills, Inc. Honey Grove, Texas					Analysis	18.80	4.66	5.31	48.18
Red River Brand 18% Protein Dairy Feed	18.00	3.00	11.50	47.50	Analysis	18.35	4.90	3.75	54.78
Analysis	18.80	4.32	9.78	53.44	Roddy's 20% Protein Range Feed	20.00	3.50	8.00	45.00
Reneau Brothers, Seguin, Texas					Analysis	21.00	6.11	9.58	46.23
Ear Corn Chop With Husk	8.00	2.50	10.00	65.00	Roegelien Provision Co., San Antonio, Tex.				
Analysis ⁸⁰²	7.60	2.74	10.41	67.45	Roegelien Big R 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00
Reuter Seed Co., Inc., San Benito, Texas					Analysis	50.10	12.65	1.49	.16
Reuter's 18% Protein Cow Feed	18.00	3.40	12.50	47.00	Analysis	49.00	11.12	1.13	1.51
Analysis	19.50	3.75	11.19	49.81	Analysis	48.50	10.47	1.41	3.37
Reyher Milling Co., McClave, Colorado					Roegelien Big R 60% Protein Digester Tankage	60.00	5.00	3.00	0.00
Suncured Alfalfa Meal	13.00	1.50	33.00	35.00	Analysis	57.60	7.27	2.08	1.67
Analysis	16.30	2.75	26.71	36.20	Rosebud Feed & Grain Co., Rosebud, Texas				
17% Protein Dehydrated Alfalfa Meal	17.00	1.50	28.00	40.00	No. 2—11% (Equivalent) Protein Cattle Feed ⁸¹¹	11.00	2.00	8.50	60.00
Analysis	19.68	3.68	21.09	36.99	Analysis ⁸¹²	12.72	2.37	8.84	61.73
Analysis ⁸⁰³	19.70	2.95	20.62	38.75	Rotan Cotton Oil Mill, Rotan, Texas				
Reynolds, A. L., Sulphur Springs, Texas					41% Protein Cottonseed Meal	41.00	4.00	13.00	25.00
A. L. R. 20% Protein Laying Mash	20.00	3.50	7.50	45.00	Analysis ⁸¹³	39.00	5.20	13.66	30.94
Analysis ⁸⁰⁴	20.60	3.97	6.42	50.49	Analysis	41.20	5.20	11.90	30.85
Reynolds Sweet Feed	11.00	3.00	16.50	48.00	Analysis ⁸¹³	40.40	4.57	12.51	29.72
Analysis ⁸⁰⁴	15.45	2.67	13.22	48.93	Analysis	41.00	5.15	11.00	29.72
A. L. Reynolds Calf Feed	11.50	4.00	15.00	48.00	Analysis	41.20	3.59	11.08	30.50
Analysis ⁷⁹⁹	11.75	4.14	10.98	54.55	41% Protein Cottonseed Pellets	41.00	4.00	13.00	25.00
A. L. R. Sweet Dairy Feed	17.00	2.60	12.50	47.00	Analysis	41.40	4.06	11.72	28.08
Analysis	16.37	2.68	12.75	53.22	Rotan Feed & Produce, Rotan, Texas				
Analysis ⁸⁰⁵	16.00	3.31	11.37	45.25	Blue Ribbon Brand 18% Protein Dairy Feed	18.00	3.50	9.50	49.00
Rheme Milling Co., Rheme, Texas					Analysis	20.50	2.43	8.62	51.32
No. 1 Brand Egg Mash	18.00	3.50	8.00	49.00	Rowe, B., Livingston, Texas				
Analysis	20.35	4.35	6.53	51.68	East Texas Bulky Brand Cow Feed	12.50	2.50	20.00	40.00
No. 1 Brand 36% Protein Supplement For Pigs and Hogs	36.00	4.00	9.50	19.50	Analysis	14.00	2.92	13.24	47.63
Analysis	35.50	4.84	6.69	23.26	Rudolph Feed Mill, Garland, Texas				
Richardson Brothers Mill & Elevator Bowie, Texas					Ear Corn Chop With Husk	8.00	3.00	10.00	65.00
Milk Maid Brand 16% Protein Dairy Feed	16.00	3.00	12.00	48.00	Analysis ⁸¹⁴	10.90	3.08	9.58	61.99
Analysis	18.10	3.09	10.97	51.18	Ruhmann Grain & Seed Co., Waco, Texas				
Rio Grande Valley Cotton Oil Company Clint, Texas					Radio Brand Egg-Producer Feed	19.00	3.80	8.00	47.00
41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00	Analysis	20.20	3.84	6.70	52.88
Analysis	41.00	6.90	9.99	30.11	Texas Queen Brand Milk-Maker Cow Feed	18.00	3.00	11.00	45.00
River Brand Rice Mills, Inc., Houston, Tex.					Analysis	18.50	4.04	7.96	49.81
Rice Bran Containing Limestone	12.00	12.00	15.00	35.00	Rule Cotton Oil Mill, Rule, Texas				
Analysis ⁸⁰⁶	13.00	14.11	9.36	42.04	Chuck Wagon Brand 41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Analysis ⁸⁰⁷	12.50	15.12	10.11	40.77	Analysis ⁸¹⁵	41.50	4.85	11.86	28.87
Analysis	12.50	15.70	11.99	37.55	Analysis	39.00	4.39	14.97	29.12
Analysis ⁸⁰⁶	11.80	14.96	13.49	37.58	⁷⁹⁹ Not made according to registered formula.				
Analysis ⁸⁰⁶	11.40	15.09	14.19	36.69	⁸⁰⁰ Refund paid.				
Rice By-Products Feed	6.00	5.00	25.00	31.00	⁸⁰¹ Found, not claimed: rice bran.				
Analysis	5.90	6.06	28.46	30.84	⁸⁰² Found, not claimed: ground rice hulls. Obsolete tags attached.				
River Gin & Mill, Inc., San Marcos, Texas					⁸⁰³ Not tagged.				
Ear Corn Chop With Husk and Cane Molasses	7.10	2.50	8.50	65.00	⁸⁰⁵ Claimed, not found: peanut meal and soybean meal.				
Analysis	8.10	2.53	10.73	67.36	⁸⁰⁶ Incorrectly printed tags attached.				
Riverside Oil Mill, Marks, Mississippi					⁸⁰⁷ Obsolete tags attached.				
41% Protein Solvent Extracted Cottonseed Meal	41.00	0.00	0.00	0.00	⁸⁰⁸ Not registered.				
Analysis ⁸⁰⁸	42.00	2.08	10.53	27.68	⁸⁰⁹ Found, not claimed: blood meal.				

⁷⁹⁹Not made according to registered formula.
⁸⁰⁰Refund paid.
⁸⁰¹Found, not claimed: rice bran.
⁸⁰²Found, not claimed: ground rice hulls. Obsolete tags attached.
⁸⁰³Not tagged.
⁸⁰⁵Claimed, not found: peanut meal and soybean meal.
⁸⁰⁶Incorrectly printed tags attached.
⁸⁰⁷Obsolete tags attached.
⁸⁰⁸Not registered.
⁸⁰⁹Found, not claimed: blood meal.
⁸¹⁰Found, not claimed: a trace of soybean meal.
⁸¹¹Guaranty includes 1.48% equivalent protein from .51% urea.
⁸¹²Analysis includes 1.40% equivalent protein from .48% urea.
⁸¹³Refund paid.
⁸¹⁴Infested with mold.
⁸¹⁵Not tagged but tags furnished.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Rule Cotton Oil Mill, Rule, Texas —Continued					Schaub Milling & Grain Co., Gatesville, Tex —Continued				
Chuck Wagon Brand 41% Protein Cottonseed Pellets.....	41.00	5.00	12.00	25.00	Hi-Tex Brand Egg All-Mash.....	15.00	3.00	7.50	54.00
Analysis.....	37.70	4.25	12.38	31.09	Analysis.....	15.80	4.06	6.41	55.55
Analysis ⁸²⁰	38.35	4.92	14.54	28.85	Hi-Tex Brand Laying Mash.....	18.00	3.50	7.00	49.00
Analysis.....	38.10	4.17	15.67	29.36	Analysis.....	19.00	3.30	5.65	52.11
					Analysis.....	18.15	4.38	5.50	51.37
Russell-Miller Milling Co. Minneapolis, Minn. and Branches					Schier Feed & Supply Co., Sealy, Texas				
American Beauty Wheat Bran.....	14.50	3.50	10.00	50.00	Seal-Tex Brand Calf Fattener.....	12.50	4.00	9.00	54.50
Analysis.....	17.20	4.00	9.99	52.45	Analysis ⁸²²	12.90	5.67	8.01	53.92
American Beauty Wheat Gray Shorts.....	15.00	3.50	6.50	55.00	Seal-Tex Brand 18% Protein Dairy Feed.....	18.00	4.50	11.00	46.00
Analysis ⁸²⁰	17.35	3.58	6.74	57.56	Analysis.....	18.30	4.53	9.13	48.48
American Beauty Wheat Gray Shorts and Screenings.....	15.00	3.50	6.50	50.00	Seal-Tex Brand 36% Protein Supplement For Hogs.....	35.00	6.00	7.00	23.00
Analysis.....	17.20	4.57	7.06	56.44	Analysis ⁸²²	34.80	5.90	7.44	28.88
Analysis.....	16.80	3.97	6.40	57.18					
Analysis.....	17.50	4.18	5.73	57.20	Schmaltz Feed & Hatchery, Leroy, Texas				
Safe-Way Farm Products, Austin, Texas					Keystone Dairy Feed.....	16.00	4.00	11.00	48.00
V-Mix Animal Conditioner.....	4.50	.50	.40	0.00	Analysis ⁸³³	16.00	4.50	11.00	51.08
Analysis ⁸¹⁶	7.40	2.41	5.11	16.10	Keystone Chick Starter.....	20.00	3.50	6.50	49.00
					Analysis.....	22.50	4.48	5.46	50.03
Saint & Company, Inc., Houston, Texas					Schulenburg Oil Mill, The Schulenburg, Texas				
Ear Corn Chop.....	8.00	3.00	3.00	64.00	41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00
Analysis ⁸¹⁷	13.60	1.95	12.73	60.46	Analysis.....	40.90	6.77	11.17	28.24
Analysis ⁸¹⁷	12.50	1.31	13.00	62.83	Analysis.....	41.80	6.88	11.41	28.78
Rice Bran, Rice Polishings and Calcium Carbonate.....	11.00	12.00	3.00	28.00	Analysis.....	42.00	6.38	11.05	26.95
Analysis ⁸¹⁸	11.00	18.41	14.44	28.57	Analysis.....	42.60	6.61	10.59	26.14
Analysis ⁸¹⁹	11.60	17.03	13.62	26.96	Analysis.....	41.80	5.98	11.83	26.86
San Angelo By-Products, Inc. San Angelo, Texas					Schulz Feed and Seed Co. Three Rivers, Texas				
Texas Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	Live Oak Brand 18% Protein Dairy Cow Feed.....	18.00	3.00	10.50	46.50
Analysis ⁸²⁰	50.15	10.04	0.58	0.00	Analysis.....	21.02	2.86	9.97	52.73
Analysis.....	51.70	10.98	1.78	.05	Live Oak Brand 20% Protein Laying Mash.....	20.00	3.70	7.00	45.00
Analysis.....	52.20	10.33	2.59	3.23	Analysis ⁸³⁴	21.50	4.13	5.20	47.79
Analysis ⁸²¹	51.60	12.36	1.97	2.45					
Analysis.....	47.50	11.18	1.94	2.08	Schumacher, Oil Works, The H. Navasota, Texas				
Analysis.....	48.00	11.69	2.05	1.31	41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00
San Antonio Foreign Trading Company San Antonio, Texas					Analysis.....	39.80	6.75	14.86	26.07
Cooked Bone Meal.....	11.50	0.00	0.00	0.00	41% Protein Cottonseed Pellets.....	41.00	5.00	12.00	25.00
Analysis ⁸²²	17.70	2.81	5.23	49.40	Analysis ⁸³⁵	42.00	5.90	10.52	25.77
					Analysis.....	42.60	10.45	12.00	24.43
Sanders Feed Store, McCall, Weimar, Tex.					Schwartz Company, L., Uvalde, Texas				
Happy Hen Brand 20% Protein Laying Mash.....	20.00	3.50	6.50	46.50	Laying Mash.....	18.00	3.50	6.50	50.00
Analysis ⁸²³	20.45	3.77	5.84	51.10	Analysis.....	19.35	4.16	5.52	52.05
Sanders Best Chick Growing Mash.....	17.50	3.50	8.00	48.00					
Analysis.....	19.45	4.61	6.12	52.44	Schwartzman Packing Company Albuquerque, New Mexico				
Sanders Best 19% Protein Dairy Feed.....	19.00	4.00	11.00	46.00	Schwartzman's 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00
Analysis ⁸²⁴	19.00	4.50	8.21	52.47	Analysis.....	51.40	9.30	2.04	1.84
Sanders Best 40% Protein Supplement For Hogs.....	40.00	4.00	8.00	20.00	Analysis.....	48.00	11.49	2.63	4.22
Analysis.....	40.00	6.24	7.53	24.25					
Sanders Best Starter All-Mash.....	18.00	3.00	7.00	51.00	Scott Bros. Grain Co., Inc., Fort Worth, Tex				
Analysis.....	19.40	4.82	5.93	53.40	Sweet 16 Brand Dairy Feed.....	16.00	3.00	10.50	45.00
San Joaquin Cotton Oil Co. Division of Anderson, Clayton & Co. (Inc.), Bakersfield, California					Analysis.....	16.00	3.02	10.43	49.76
Paymaster Brand 41% Protein Cottonseed Meal.....	41.00	3.50	13.00	25.00	Cackelo Special Broiler Ration.....	22.00	4.50	4.00	49.50
Analysis ⁸²⁵	41.20	7.92	10.02	26.21	Analysis.....	23.05	4.54	2.44	50.80
					Cackelo Egg Mash.....	18.50	3.50	7.00	47.50
San Marcos Oil Mill, San Marcos, Texas					Analysis ⁸³⁴	21.20	5.18	6.69	47.82
41% Protein Cottonseed Meal.....	41.00	4.00	12.00	25.00	Cackelo Growing Mash.....	17.00	3.50	6.50	53.30
Analysis.....	41.80	6.15	11.19	26.04	Analysis.....	17.10	3.57	5.98	55.81
Analysis ⁸²⁶	41.00	4.02	14.78	28.94	Cackelo Flock Laying All-Mash.....	15.00	3.50	8.00	53.00
Analysis ⁸²⁷	39.10	4.01	14.02	29.33	Analysis.....	15.25	3.53	5.47	59.35
Analysis.....	43.00	4.54	12.00	26.84					
San-Tex Feed and Mineral Co. San Angelo, Texas					⁸¹⁶ Maximum salt guaranteed 30%, found 27.30%. Minimum calcium guaranteed 5.93%, found 13.93%. Minimum phosphorus guaranteed 3.50%, found 2.99%. Found, not claimed: alfalfa meal, steamed bone meal and cottonseed meal not registered.				
San-Tex Brand 30% Protein Utility Feed Analysis ⁸²⁸	30.00	3.50	15.00	30.00	⁸¹⁷ Misbranded: sample is a mixture of ear corn chop, ground peas, oat hulls, rice bran and traces of salt and calcium carbonate.				
San-Tex Brand Drought Emergency Feed Analysis ⁸²⁹	21.00	3.00	9.00	47.00	⁸¹⁸ Maximum calcium guaranteed 10.0%, found 5.71%.				
	21.00	3.08	8.78	49.33	⁸¹⁹ Maximum calcium guaranteed 10.0%, found 4.42%.				
Saunders Mills, Inc., Toledo, Ohio					⁸²⁰ Not tagged but tags furnished.				
Uncured Alfalfa Meal.....	13.00	1.50	33.00	35.00	⁸²¹ Found, not claimed: poultry by-product meal.				
Analysis ⁸³⁰	15.70	1.98	27.89	34.22	⁸²² Maximum calcium guaranteed 25.0%, found 25.86%. Minimum phosphorus 11.5%, found 12.06%. Infested with mold.				
Analysis ⁸³¹	16.50	1.58	26.90	34.68	⁸²³ Claimed, not found: dried skimmed milk.				
Analysis ⁸²⁰	15.20	2.08	29.60	33.39	⁸²⁴ Found, not claimed: rice bran.				
15% Protein Alfalfa Meal.....	15.00	1.50	30.00	35.00	⁸²⁵ Not registered.				
Analysis ⁸³⁰	15.80	2.06	25.58	35.21	⁸²⁶ Off color.				
17% Protein Dehydrated Alfalfa Meal.....	17.00	1.50	28.00	40.00	⁸²⁷ Refund paid.				
Analysis ⁸³⁰	20.75	3.44	21.14	35.73	⁸²⁸ Found, not claimed: calcium carbonate.				
					⁸²⁹ Found, not claimed: calcium carbonate and salt.				
Schaub Milling & Grain Co., Gatesville, Tex					⁸³¹ Not tagged.				
Chowmix Hog Feed Q.....	14.00	2.50	7.00	53.00	⁸³² Obsolete tags attached.				
Analysis.....	14.00	2.85	4.11	63.11	⁸³³ Not made according to registered formula.				
Analysis.....	15.10	3.49	5.45	60.19	⁸³⁴ Found, not claimed: fish meal.				
Hi-Tex Brand 16% Protein Dairy Feed.....	16.00	3.00	14.00	49.00	⁸³⁵ Infested with mold.				
Analysis.....	17.50	3.04	12.93	50.99					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Sealy Grist Mill, Sealy, Texas					Shawnee Milling Co., Shawnee, Okla.				
Custom Mix Brand Laying All-Mash.....	15.50	4.50	8.00	50.50	Continued				
Analysis	15.90	7.18	8.00	50.74	Full-Bucket Brand Cow Feed.....	16.00	3.00	15.00	50.00
Sealy Special Brand Hog Feed.....	15.00	4.50	8.00	59.00	Analysis ⁸⁴⁵	18.05	2.44	13.80	48.15
Analysis	15.65	7.62	7.20	50.63	Analysis ⁸⁴⁶	12.67	1.89	11.93	52.25
Sealy Special Brand Calf Feed.....	14.00	3.00	10.50	51.00	Full-Bucket Brand 16% (Equivalent) Protein Dairy Feed. ⁸⁵⁰	16.00	2.50	15.00	35.00
Analysis ⁸³⁶	15.68	3.87	9.43	52.63	Analysis ⁸⁵¹	18.60	2.52	13.48	53.75
Sealy Special Brand 18% Protein Dairy Feed.....	18.00	3.50	11.50	46.00	Analysis ⁸⁵²	18.00	2.52	13.44	52.25
Analysis ⁸³⁶	18.10	3.35	10.14	49.95	More-Milk Brand Dairy Feed.....	20.00	3.50	15.00	47.00
Analysis	20.40	4.33	10.73	48.59	Analysis	20.70	3.57	9.86	48.00
Sealy Oil Mill & Mfg. Co., Sealy, Texas					Shawnee Peanut Co., Shawnee, Oklahoma				
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	J & J Brand 41% Protein Peanut Meal.....	41.00	4.00	16.00	23.00
Analysis	38.20	6.02	13.09	29.15	Analysis	40.00	6.26	11.07	31.34
Analysis	38.30	7.19	12.22	29.31	Analysis	38.00	5.69	14.64	30.35
Analysis	40.50	7.48	12.00	22.54	Analysis	39.20	4.29	13.29	32.87
Analysis ⁸³⁷	39.50	8.68	12.54	27.26	Analysis	41.20	5.78	11.83	23.88
Analysis	40.00	5.94	13.62	27.98	Analysis	43.00	5.61	10.89	27.04
Searle Grain Co., Minneapolis, Minn.					Sherley Elevator, Anna, Texas				
Pulverized Oats.....	12.00	4.00	12.00	58.00	Ear Corn Chop With Husk.....	8.00	3.00	10.00	65.00
Analysis ⁸³⁸	10.70	4.41	14.46	54.81	Analysis	9.80	3.13	9.43	65.90
Pulverized Mixed Screenings.....	12.00	5.00	17.00	60.00	Shiner Oil Mill & Mfg. Co., Shiner, Texas				
Analysis ⁸³⁹	11.95	5.98	18.52	42.43	41% Protein Cottonseed Meal.....	41.00	4.00	13.00	25.00
Seastrunk Rendering Co., Inc., Temple, Tex					Analysis ⁸⁵³	40.00	5.67	13.22	22.55
50% Protein Meat and Bone Meal.....	50.00	6.00	3.00	0.00	Analysis ⁸⁵³	39.50	5.70	13.15	29.17
Analysis ⁸⁴⁰	44.90	14.41	3.17	3.98	Analysis	41.00	5.41	12.48	29.35
50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00	Analysis	40.20	5.62	13.52	27.88
Analysis ⁸⁴⁰	51.40	14.33	2.80	1.71	Analysis	40.70	5.88	13.00	27.88
50% Protein Meat and Bone and Poultry By-Products Scraps.....	50.00	6.00	3.00	2.50	Analysis	42.95	5.42	13.71	27.25
Analysis ⁸⁴¹	46.80	16.15	3.20	6.63	Shuler Grain Company, Gonzales, Texas				
Analysis ⁸⁴¹	47.40	16.08	3.47	1.06	Laying Mash.....	18.00	3.50	6.50	51.00
Analysis ⁸⁴¹	48.20	16.39	3.50	2.66	Analysis ⁸⁵⁴	18.50	5.48	5.23	53.21
Seguin Cotton Oil Co., The, Seguin, Texas					All-In-One Brand Hog Fattener.....	14.00	3.50	6.20	56.00
41% Protein Screened Cracked Cottonseed Cake.....	41.00	5.00	12.00	25.00	Analysis ⁸⁴⁸	16.30	4.19	5.26	57.10
Analysis	41.00	7.15	13.02	25.76	Giv-Moe Brand 18% Protein Dairy Feed.....	18.00	3.00	9.00	47.50
Analysis ⁸⁴⁰	33.40	3.18	19.14	29.58	Analysis ⁸⁵⁵	18.50	3.48	7.87	51.45
Analysis	37.80	6.90	14.56	26.86	Shuler's Broiler Ration—Containing Nitrophenide.....	20.00	3.00	5.00	50.00
Analysis ⁸⁴²	38.70	7.85	13.40	27.95	Analysis	22.40	3.71	3.12	54.91
Analysis	39.20	7.62	13.71	25.91	Simpson's Mill & Feed Store				
Analysis	42.00	8.03	11.25	26.38	Clarendon, Texas				
Analysis	40.00	8.42	13.83	26.12	Ground Whole Oats.....	11.00	4.00	12.00	58.00
Analysis	40.00	9.22	6.85	32.99	Analysis ⁸⁵⁶	11.55	5.44	13.20	56.85
Analysis	40.10	8.91	12.91	25.70	Ear Corn Chop With Husk.....	8.00	3.00	10.00	65.00
Analysis	42.00	9.82	10.25	25.77	Analysis	8.70	3.02	8.53	65.81
Soybean Screenings Feed.....	32.00	6.00	7.50	25.00	Simpson's Best Yet Dairy Feed.....	18.50	3.00	12.50	46.00
Analysis ⁸³⁸	30.50	10.87	7.14	37.54	Analysis	19.45	3.58	10.66	49.45
Analysis	30.80	10.22	7.98	33.46	Small Co., The W. J., Div. of Archer-Daniels-Midland Co., Kansas City, Missouri				
Sunny Home Brand 20% Protein Layer Mash.....	20.00	3.50	7.50	48.00	Small's 17% Protein Dehydrated Alfalfa Meal.....	17.00	1.75	27.00	35.00
Analysis ⁸⁴³	19.40	4.75	6.20	49.83	Analysis ⁸³⁸	17.65	3.41	23.82	38.20
Sunny Home Brand 36% Protein Hog Supplement.....	36.00	4.00	8.50	24.00	Analysis ⁸³⁸	17.05	2.39	25.91	37.45
Analysis ⁸⁴⁴	35.20	7.40	7.44	26.16	Analysis ⁸³⁸	18.50	2.45	25.09	30.18
Seguin Milling Co., Seguin, Texas					Smiley Cooperative Assn., Smiley, Texas				
Wheat Gray Shorts and Screenings.....	16.00	3.50	6.00	55.00	Co-Op Special Broiler Mash.....	20.00	3.00	5.00	51.00
Analysis	17.60	4.59	6.63	56.08	Analysis	22.50	4.30	3.59	52.32
Ground Grain Sorghum.....	10.00	2.50	3.00	70.00	Co-Op Special Broiler Mash.....	20.00	3.00	5.50	50.00
Analysis ⁸⁴⁵	12.80	2.55	4.33	66.42	Analysis	21.50	3.79	4.50	52.83
Success Brand 16% Protein Dairy Feed.....	16.00	3.00	11.00	48.00	Co-Op Extra No. 2.....	20.00	2.50	5.00	50.00
Analysis ⁸⁴⁶	16.00	3.06	10.83	53.78	Analysis	22.40	3.10	4.19	51.12
Economy Brand 20% Protein Range Feed Cubes.....	20.00	3.00	15.00	46.00	⁸³⁶ Found, not claimed: crimped barley.				
Analysis	19.50	3.31	8.99	49.18	⁸³⁷ Lint excessive.				
White House Laying Mash.....	20.00	2.50	7.50	48.00	⁸³⁸ Not tagged.				
Analysis	22.00	3.95	6.56	47.93	⁸³⁹ Sampled before registration.				
White House 35% Protein Hog Fattening Supplement.....	35.00	2.50	8.00	27.00	⁸⁴⁰ Fat and fiber excessive.				
Analysis	33.40	5.72	6.45	30.49	⁸⁴¹ Crude fat not more than 12%.				
Serv-Us Feed Mills, Fort Worth, Texas					⁸⁴² Refund paid. Lint excessive.				
Bulky Cow Ration No. 4.....	16.00	2.60	17.00	42.50	⁸⁴³ Not made according to registered formula.				
Analysis	18.50	3.45	11.27	47.72	⁸⁴⁴ Found, not claimed: cottonseed meal.				
Sessions Oil Mills, Enterprise, Alabama					⁸⁴⁵ Found, not claimed: ground barley and ground wheat.				
Sesco 41% Protein Solvent Extracted Peanut Oil Feed.....	41.00	1.00	16.00	30.00	⁸⁴⁶ Claimed, not found: corn gluten feed. Found, not claimed: grain sorghum gluten feed.				
Analysis ⁸³⁹	39.90	1.17	10.51	36.03	⁸⁵⁰ Guaranty includes 5.09%, equivalent protein from 1.75% urea.				
Analysis ⁸³⁹	42.75	1.06	10.56	32.33	⁸⁵¹ Analysis includes 5.75% equivalent protein from 1.98% urea. Obsolete tags attached.				
Analysis ⁸³⁸	41.40	1.01	9.75	35.56	⁸⁵² Analysis includes 5.45% equivalent protein from 1.87% urea. Found, not claimed: cottonseed meal. Obsolete tags.				
Analysis ⁸³⁸	35.80	1.41	12.31	37.25	⁸⁵³ Obsolete tags attached.				
Shannon's Feed Mill, San Antonio, Texas					⁸⁵⁴ Found, not claimed: rice bran and milo meal.				
Shannon's Super 16% Protein Cow Feed.....	16.00	3.50	11.50	49.50	⁸⁵⁶ Misbranded: sample is a mixture of ground and crimped oats. Found, not claimed: corn meal, ground barley, bone meal and a trace of cottonseed meal.				
Analysis	16.00	4.58	9.44	54.18					
Shawnee Milling Co., Shawnee, Okla.									
Wheat Bran and Screenings.....	14.50	3.00	10.00	50.00					
Analysis	16.45	3.85	10.60	53.78					
Corn Bran.....	8.00	5.00	12.00	60.00					
Analysis ⁸³⁸	12.00	7.62	7.10	60.63					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Smiley Produce & Feed, Smiley, Texas					Southland Cotton Oil Co., Corsicana, Texas				
Sample Broiler Mash—Containing Nitrophenide	20.00	2.50	4.50	54.50	<i>Continued</i>				
Analysis	21.50	3.15	3.33	54.70	Southland's 41% Protein Cottonseed Meal—Continued				
Smith-Bawden Grain Co., Plainview, Texas					Analysis	41.60	5.77	13.42	26.06
Rainbow Dairy Cow Feed	16.00	2.50	10.00	53.00	Analysis	40.40	5.95	11.80	29.71
Analysis	16.10	3.80	9.05	54.94	Analysis	40.20	5.62	13.84	26.67
Rainbow Laying Mash	20.00	2.50	8.00	48.00	Southland's 41% Protein Cottonseed Pellets	41.00	5.00	13.00	25.00
Analysis	20.80	2.99	6.08	51.20	Analysis	42.00	5.82	11.72	27.47
Smith Co., J. Paul, Fort Worth, Texas					Analysis	42.60	5.75	12.38	24.75
60% Protein Fish Meal	60.00	5.00	1.00	1.00	Southland Cotton Oil Co., Dallas, Texas				
Analysis ⁸⁵⁵	62.80	12.66	.94	3.79	41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00
Analysis	61.80	6.13	.52	2.70	Analysis ⁸⁶⁷	41.00	5.85	11.94	26.81
Analysis ⁸⁵⁸	63.60	5.05	.50	5.67	Analysis	42.00	5.92	11.77	26.62
Analysis	66.60	5.53	.57	0.00	Southland Cotton Oil Company				
Analysis	63.00	5.00	.42	5.13	Oklahoma City, Oklahoma				
17% Protein Dehydrated Alfalfa Meal	17.00	1.50	28.00	35.00	Southland's 41% Protein Soybean Meal	41.00	3.50	7.00	29.00
Analysis	18.20	2.82	22.29	38.75	Analysis	41.90	5.26	6.17	29.39
Smith's Granular Steamed Bone Meal	15.00	2.00	2.00	0.00	Analysis	42.40	5.70	6.54	31.18
Analysis ⁸⁵⁹	15.20	7.16	3.89	1.01	Analysis ⁸⁶⁸	42.30	6.24	6.14	31.34
Smith, Frank H., & Strange, Sr., F. L. Waco, Texas					Southland Cotton Oil Co., Paris, Texas				
Heart O' Texas Tender Chick Brand Broiler Ration—Containing Nitrophenide	20.00	3.50	5.00	50.00	Southland's 41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00
Analysis ⁸⁶⁰	20.95	3.59	3.98	54.64	Analysis	39.80	6.05	13.00	28.77
Smith Feed Store, Edna, Texas					Analysis	44.00	5.81	10.37	25.42
Smith's Special 16% Protein Dairy Feed	16.00	3.50	13.00	46.00	Analysis	42.20	5.43	11.04	26.08
Analysis	16.10	4.03	11.17	51.62	Analysis	42.20	5.38	11.71	26.78
Smith's Creep Feed	13.70	3.50	9.00	54.50	Cottonseed Hulls and Cottonseed Meal	11.00	1.50	43.00	28.00
Analysis	13.70	4.47	7.05	57.20	Analysis ⁸⁶⁹	13.92	1.55	34.90	37.34
Smith's Special Hog Fattener	15.00	4.50	7.50	55.00	Southland Cotton Oil Company				
Analysis ⁸⁶¹	14.00	4.90	6.29	53.87	Richmond, Texas				
Smith 3-S-Sweet Feed	17.00	2.50	20.50	45.00	Southland's 41% Protein Cottonseed Cake	41.00	5.00	13.00	25.00
Analysis	11.70	4.88	18.80	47.86	Analysis	42.00	6.06	11.93	25.98
Smith & McDaniel, Gainesville, Texas					Southland's 41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00
S & M Brand Dairy Feed	16.00	3.00	10.00	50.00	Analysis	41.20	5.84	11.95	27.64
Analysis ⁸⁶²	17.90	3.47	7.97	54.94	Analysis	41.80	6.69	12.72	23.76
Smith-Seibert Produce Co., Caldwell, Tex.					Analysis ⁸⁶⁷	42.40	5.80	11.40	26.47
Regular 37% Protein Hog Supplement	37.00	4.00	8.50	18.00	Analysis	43.50	6.19	12.18	24.57
Analysis	38.30	4.23	9.40	21.89	Southland Cotton Oil Company				
Smithville Feed Mill, Smithville, Texas					Shreveport, Louisiana				
Pop. Winkler's Hog Feed	17.00	5.00	8.00	43.00	Southland's 41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00
Analysis ⁸⁶³	21.80	5.04	6.92	47.85	Analysis ⁸⁶²	43.20	5.22	10.30	27.01
Snow Feed Store, Denton, Texas					Southland's 41% Protein Cottonseed Pellets	41.00	5.00	13.00	25.00
H. and D. Dairy Feed	16.00	3.50	10.50	50.00	Analysis	42.40	5.69	11.35	26.16
Analysis	16.30	3.74	10.08	52.76	Southland's Readimix 18% Protein Ration For Dairy Cows	18.00	2.50	23.00	35.50
H. and D. Egg Mash	18.00	3.50	7.00	48.00	Analysis	14.40	2.09	27.79	41.01
Analysis	19.30	4.80	5.61	52.47	Southland Cotton Oil Co., Temple, Texas				
Sonny's Feed & Supply, Brownfield, Texas					Southland's 41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00
Chowmix Laying Mash P	18.00	3.00	8.00	48.00	Analysis	40.00	4.91	12.65	28.50
Analysis	20.40	4.23	5.15	52.97	Analysis	41.60	4.73	13.88	27.19
Southern By-Products Co., Corpus Christi, Texas					Analysis	40.60	4.59	14.16	27.54
Southern Brand 45% Protein Meat and Bone Scraps	45.00	6.00	3.00	0.00	Analysis	39.80	4.51	15.23	27.60
Analysis ⁸⁶⁴	43.60	12.64	2.90	.86	Analysis	43.00	4.81	12.18	26.17
Southern Brand Low-Protein Meat and Bone Scraps	45.00	6.00	3.00	0.00	Analysis	41.20	4.53	14.05	27.29
Analysis ⁸⁶⁴	42.20	13.42	2.13	1.28	Analysis	43.40	4.89	12.19	27.07
Analysis ⁸⁶⁴	44.40	12.60	2.77	1.70	Analysis	40.60	4.56	14.60	27.65
Analysis ⁸⁶⁴	44.40	12.44	1.20	1.20	Analysis	42.20	5.07	13.48	26.21
48% Protein Meat and Bone Scraps	48.00	6.00	3.00	0.00	Southland Cotton Oil Co., Waxahachie, Tex				
Analysis ⁸⁶⁵	43.50	12.50	2.64	1.47	Southland's 41% Protein Cottonseed Cake	41.00	5.00	13.00	25.00
Southern Cotton Oil Company, The Natchitoches, Louisiana					Analysis ⁸⁶⁵	44.00	5.75	12.22	25.64
41% Protein Cottonseed Meal	41.00	4.00	13.00	25.00	Southland's 41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00
Analysis	41.00	4.88	12.13	28.73	Analysis	41.20	5.34	13.00	27.94
Analysis ⁸⁶⁶	43.60	5.02	10.39	27.68	Analysis	42.00	5.27	12.73	26.78
Analysis	40.00	5.13	12.93	27.84	⁸⁵⁸ Not tagged but tags furnished.				
Southern Cotton Oil Co., Huntsville, Ala.					⁸⁵⁹ Minimum calcium guaranteed 23.5%, found 26.14%. Minimum phosphorus guaranteed 12.0%, found 12.05%.				
41% Protein Cottonseed Meal	41.00	4.00	13.00	25.00	⁸⁶⁰ Found, not claimed; dried skimmed milk.				
Analysis ⁸⁶⁶	40.50	5.79	12.71	28.27	⁸⁶¹ Infested with mold. Found, not claimed; cottonseed meal, used meat and bone scraps containing poultry by-product meal.				
Southern Flour & Feed Warehouse Needville, Texas					⁸⁶² Incorrectly printed tags attached.				
Special 18% Protein Dairy Feed	18.00	3.00	15.00	42.00	⁸⁶³ Found, not claimed; soybean meal and ground flint rice.				
Analysis	18.60	3.76	13.68	44.07	⁸⁶⁴ Fat excessive.				
Southland Cotton Oil Co., Corsicana, Texas					⁸⁶⁵ Misbranded: the product is meat and bone and poultry by-product meal. Found, not claimed; trace of ground feathers. Not tagged but tags furnished.				
Southland's 41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00	⁸⁶⁶ Not registered.				
Analysis	40.50	5.25	12.90	28.45	⁸⁶⁷ Obsolete tags attached.				
Analysis	41.10	5.59	13.33	27.47	⁸⁶⁸ Found, not claimed; cottonseed meal. Not tagged but tags furnished.				
Analysis	40.10	5.75	12.94	27.15	⁸⁶⁹ Mutilated tags attached, correctly printed tags furnished.				
Analysis	38.40	5.69	15.24	27.05					
Analysis	42.10	5.87	12.39	24.97					
Analysis	44.40	6.09	11.11	24.54					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Southland Cotton Oil Co., Waxahachie, Tex —Continued					South Texas Cotton Oil Co., Taylor, Texas				
Southland's 41% Protein Cottonseed Meal—Continued					41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00
Analysis.....	42.60	5.26	12.77	27.01	Analysis.....	39.00	6.36	13.39	28.28
Analysis ⁸⁷²	44.10	5.51	11.88	24.43	Analysis.....	39.80	5.75	13.81	27.27
Cottonseed Hulls and Cottonseed Meal	11.00	1.50	43.00	28.00	Analysis.....	38.20	6.74	11.81	29.29
Analysis.....	10.00	1.41	40.12	35.29	Analysis.....	42.95	6.87	11.12	25.25
Southland Feed Mills, Dallas, Texas					South Texas Cotton Oil Co., Victoria, Texas				
Sure-Nuff Brand Creep Feed Pellets.....	14.00	2.50	6.00	55.50	Yello Brand 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00
Analysis ⁸⁷³	16.60	4.19	6.00	56.80	Analysis.....	39.90	3.81	13.99	24.24
Southland 20% Protein Range Feed Cubes.....	20.00	3.00	13.00	42.50	Analysis.....	40.00	4.42	14.96	28.28
Analysis ⁸⁷⁴	21.80	4.09	10.78	45.99	Analysis.....	41.20	4.63	11.38	31.31
Sunny Southland Economo Brand 20% Protein Laying Mash.....	20.00	2.50	8.00	50.00	Analysis.....	42.40	4.66	11.71	28.28
Analysis ⁸⁷⁵	21.10	4.29	7.20	50.90	Analysis.....	41.00	5.01	13.26	28.28
Sunny Southland Brand 20% Protein Laying Mash.....	20.00	3.00	7.50	50.00	South Texas Feed & Seed Company				
Analysis ⁸⁷⁶	21.30	4.13	6.34	47.91	Robstown, Texas				
Analysis.....	21.20	4.07	5.97	51.21	Moneysaver Brand 18% Protein Egg Mash.....	18.00	3.00	7.50	53.53
Sunny Southland Choice Brand 24% Protein Dairy Feed.....	24.00	3.00	9.50	41.50	Analysis ⁸⁸²	19.50	3.48	3.88	56.11
Analysis ⁸⁷⁷	24.00	4.30	9.46	45.58	Moneysaver Brand 14% Protein Hog Feed.....	14.00	2.50	4.50	62.62
Sunny Southland Choice Brand 18% Protein Dairy Feed.....	18.00	3.00	9.50	49.00	Analysis.....	17.30	2.77	3.45	59.59
Analysis.....	19.80	3.35	7.88	50.80	Gulf Coast Special 16% Protein Dairy Feed.....	16.00	2.70	10.50	49.49
Sunny Southland Choice Brand 16% Protein Dairy Feed.....	16.00	3.00	9.00	51.00	Analysis.....	17.10	3.17	9.75	50.50
Analysis.....	17.05	4.32	8.81	54.97	Analysis.....	18.40	4.48	9.77	48.48
Analysis.....	17.20	5.68	8.66	50.96	Gulf Coast 20% Protein Range Cattle Cubes.....	20.00	2.50	8.00	47.47
Analysis.....	16.30	3.35	8.60	54.83	Analysis.....	21.30	3.35	7.94	46.46
Analysis.....	18.10	3.29	8.71	54.68	Southwestern Packing Corporation				
Analysis.....	18.50	3.34	7.37	54.29	Harlingen, Texas				
Sunny Southland Choice Dry and Freshening Feed.....	12.00	2.50	11.00	50.00	Pirate Brand 50% Protein Meat and Bone Scraps.....	50.00	6.00	3.00	0.00
Analysis ⁸⁷⁸	13.20	4.40	8.91	56.99	Analysis.....	49.00	10.24	1.67	0.00
Sunny Southland Choice Brand 20% Protein Range Feed Pellets.....	20.00	3.00	7.50	49.00	Analysis.....	50.40	10.67	1.71	0.00
Analysis.....	21.62	4.44	7.16	52.79	Analysis.....	50.30	11.59	1.62	0.00
Analysis ⁸⁷⁹	21.70	3.88	8.04	49.92	Southwestern Sugar and Molasses Co.				
Sunny Southland Starting Mash — Containing Nitrofurazone.....	20.00	3.00	6.00	45.00	Houston, Texas				
Analysis.....	21.90	3.40	5.56	52.54	Cane Molasses.....	2.50	0.00	0.00	65.65
Analysis.....	21.50	3.29	5.57	53.38	Analysis ⁸⁸³	4.28	0.00	0.00	62.62
Sunny Southland Growing Mash — Containing Nitrofurazone.....	18.00	3.00	6.50	47.50	Analysis ⁸⁸³	4.30	0.00	0.00	70.70
Analysis.....	19.10	3.18	6.50	56.41	Analysis ⁸⁸⁵	4.80	0.00	0.00	63.63
Analysis.....	18.20	3.30	6.42	57.80	Analysis ⁸⁸⁶	3.00	0.00	0.00	67.67
South Texas By-Products Company					Analysis ⁸⁸⁷	2.50	0.00	0.00	0.00
San Benito, Texas					Analysis ⁸⁸⁷	4.60	0.00	0.00	0.00
Meat and Bone Scraps and Shrimp Meal	50.00	8.00	6.00	10.00	Analysis ⁸⁸⁹	5.60	0.00	0.00	0.00
Analysis ⁸⁸⁰	47.00	14.31	6.60	2.18	Analysis ⁸⁸⁹	6.50	0.00	0.00	0.00
Analysis ⁸⁸¹	46.20	15.09	4.86	3.23	Analysis ⁸⁸⁹	3.50	0.00	0.00	0.00
South Texas Cotton Oil Co., Austin, Texas					Analysis ⁸⁸⁹	4.20	0.00	0.00	0.00
41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00	Analysis ⁸⁸⁹	0.00	0.00	0.00	0.00
Analysis.....	42.00	5.41	11.95	27.33	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	41.40	5.01	12.85	26.51	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	39.50	6.35	12.00	29.39	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	40.60	6.10	8.79	32.09	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	40.20	5.63	12.97	28.04	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
South Texas Cotton Oil Company					Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Brownsville, Texas					Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
28% Protein Whole-Pressed Cottonseed Meal.....	28.00	5.00	23.00	29.00	Analysis ⁸⁸⁹	0.00	0.00	0.00	0.00
Analysis.....	28.20	4.36	21.96	29.00	Analysis ⁸⁸⁸	0.00	0.00	0.00	0.00
South Texas Cotton Oil Company					Analysis ⁸⁸⁸	4.50	0.00	0.00	0.00
Corpus Christi, Texas					Analysis ⁸⁸⁸	0.00	0.00	0.00	0.00
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	40.60	4.83	11.86	28.98	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	41.70	4.29	12.27	27.75	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	41.40	3.68	12.64	28.74	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	41.00	3.88	14.10	28.35	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	41.10	3.92	13.02	28.36	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
South Texas Cotton Oil Company					Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Harlingen, Texas					Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
41% Protein Cottonseed Meal.....	41.00	4.00	12.00	25.00	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	41.10	5.01	11.93	24.24	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	41.40	4.69	12.57	28.26	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
South Texas Cotton Oil Co., Hearne, Texas					Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	38.00	6.11	12.60	28.85	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	41.40	6.47	11.90	25.44	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	41.00	6.40	12.54	25.70	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	41.10	5.68	11.97	26.05	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
South Texas Cotton Oil Co., Robstown, Tex.					Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
41% Protein Cottonseed Meal.....	41.00	5.00	13.00	25.00	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	42.20	4.27	13.36	29.08	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00
Analysis.....	41.10	4.15	15.47	29.19	Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00

⁸⁷²Not tagged but tags furnished.

⁸⁷³Found, not claimed: rice bran.

⁸⁷⁴Claimed, not found: rice bran.

⁸⁷⁵Found, not claimed: cottonseed meal and rice bran.

⁸⁷⁶Found, not claimed: pulverized oats.

⁸⁷⁷Found, not claimed: finely ground rice hulls, peanut hulls, and alfalfa meal. Claimed, not found: soybean meal.

⁸⁷⁸Found, not claimed: soybean meal. Claimed, not found: citrus pulp. Incorrectly printed tags attached.

⁸⁷⁹Not made according to registered formula.

⁸⁸⁰Found, not claimed: poultry by-product meal.

⁸⁸¹Misbranded: sample is meat and bone scraps and poultry by-product meal. Fat and paunch content excessive.

⁸⁸²Incorrectly printed tags attached.

⁸⁸³Degrees Brix 79.00.

⁸⁸⁴Degrees Brix 80.00.

⁸⁸⁵Degrees Brix 81.40.

⁸⁸⁶Degrees Brix 78.40.

⁸⁸⁷Degrees Brix 84.00.

⁸⁸⁸Degrees Brix 79.52.

⁸⁸⁹Degrees Brix 80.50.

⁸⁹⁰Degrees Brix 81.75.

⁸⁹¹Degrees Brix 86.80.

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Western Sugar and Molasses Co. Houston, Texas—Continued					Standard Milling Co., The, Lubbock, Texas—Continued				
Cane Molasses.....	0.00	0.00	0.00	0.00	Stanton's 20% Protein Laying Mash....	20.00	3.20	7.00	48.50
Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00	Analysis.....	21.70	3.63	6.86	50.77
Analysis ⁸⁸⁴	0.00	0.00	0.00	0.00	Analysis.....	20.50	3.27	7.00	48.98
Analysis ⁸⁹²	0.00	0.00	0.00	0.00	Standard Molasses Company, Inc. Beaumont, Texas				
Analysis ⁸⁸⁹	2.80	0.00	0.00	0.00	Cane Molasses.....	2.50	0.00	0.00	65.00
Analysis ⁸⁹³	3.30	0.00	0.00	0.00	Analysis ⁹⁰⁵	3.50	0.00	0.00	58.06
Southwest Feed Mills, Dallas, Texas					Analysis ⁹⁰⁶	3.00	0.00	0.00	0.00
Trumix Brand 18% Protein Dairy Feed	18.00	3.00	13.50	43.00	Analysis ⁹⁰⁷	0.00	0.00	0.00	0.00
Analysis ⁸⁹⁴	21.40	4.13	10.14	45.88	Analysis ⁹⁰⁸	0.00	0.00	0.00	0.00
Rowell & Company, Cleburne, Texas					Stanton & Son, E. J., Alvin, Texas				
Ground Whole Oats.....	11.00	4.00	12.00	58.00	Stanton's Best 16% Protein Dairy Feed	16.00	2.80	10.00	45.00
Analysis ⁸⁹⁵	12.70	5.70	10.74	57.07	Analysis.....	16.00	3.58	10.68	53.76
Analysis ⁸⁹⁵	12.10	4.84	9.84	60.75	Stanton's Special Mixed Feed.....	9.00	2.70	24.50	43.00
Farmer's Pride Brand 16% Protein Dairy Feed.....	16.00	2.50	14.00	45.00	Analysis.....	9.90	2.78	19.04	51.16
Analysis ⁸⁹⁶	14.80	3.13	9.29	54.18	Analysis.....	10.35	3.49	18.21	50.60
Rich Products, Inc., Wichita, Kansas					Star Brand Cattle Co., Kaufman, Texas				
"Soy-Rich" Brand 44% Protein Solvent Extracted Soybean Meal.....	44.00	0.50	7.00	29.00	17% Protein Dehydrated Alfalfa Meal..	17.00	1.70	28.00	35.00
Analysis.....	48.82	1.87	5.63	27.87	Analysis.....	17.80	3.33	25.59	37.43
Analysis.....	46.00	1.41	5.71	28.56	Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00
Analysis.....	45.00	1.49	6.91	29.67	Analysis.....	23.80	2.67	18.67	36.71
Wikes & Son, Paul, Beeville, Texas					Star Feed Mill, The, Rising Star, Texas				
Chowmix All-Mash Laying Ration B....	15.00	3.00	8.00	48.00	Ware's 15% Protein Cow Feed.....	15.00	3.00	13.00	48.50
Analysis.....	18.30	3.00	5.26	57.04	Analysis.....	17.20	3.96	14.16	50.74
Chowmix Laying Mash.....	18.00	3.00	8.00	48.00	Ware's Hog Feed.....	14.00	2.50	6.00	57.00
Analysis.....	19.30	3.88	4.73	54.64	Analysis.....	16.40	2.82	4.76	58.19
Chowmix 10% (Equivalent) Protein Steer Fattening Feed ⁸⁹⁷	10.00	2.50	10.00	56.00	Starkey Packing Co., Clovis, New Mexico				
Analysis ⁸⁹⁸	16.60	2.69	9.94	58.35	50% Protein Meat and Bone Scraps....	50.00	6.00	3.00	0.00
Springtown Farmers Co-Op Springtown, Texas					Analysis ⁹⁰⁹	44.40	18.05	4.34	3.73
Springtown Farmers Co-Op 30% (Equivalent) Protein Dairy Supplement ⁸⁹⁹ ...	30.00	5.00	10.00	24.00	Stewart Grain Co., Durant, Oklahoma				
Analysis ⁹⁰⁰	34.00	8.35	6.01	20.53	Alfalfa Meal.....	13.00	1.50	33.00	35.00
Staffel Co., Ferd, San Antonio, Texas					Analysis.....	17.85	1.98	25.51	36.71
Pendleton Laying Mash.....	19.00	3.50	6.50	46.00	Ear Corn Chop With Husk.....	8.00	3.00	10.00	65.00
Analysis.....	20.50	4.68	5.23	49.72	Analysis ⁹¹⁰	9.00	2.88	6.62	68.08
Staffel's Chick Starter All-Mash.....	17.00	3.50	6.00	52.00	Alfalfa Meal and Cane Molasses.....	10.30	1.10	25.00	42.50
Analysis.....	19.50	3.86	4.89	55.71	Analysis.....	13.60	1.20	22.32	41.20
Staffel's Growing Mash.....	17.50	3.00	6.50	50.00	Analysis ⁹¹¹	14.20	1.98	15.77	45.80
Analysis.....	19.40	4.23	5.05	52.87	Best of Brand 14% Protein Calf Creeper Pellets.....	14.00	3.00	8.00	54.00
Staley Mfg. Co., A. E., Decatur, Illinois					Analysis.....	15.05	3.05	7.78	56.62
Soybean Mill Feed.....	15.00	0.50	35.00	35.00	Stoddard Milling Co., Hiff, Colorado				
Analysis.....	15.00	1.47	32.79	37.83	Alfalfa Meal.....	13.00	1.50	33.00	35.00
Analysis.....	15.05	1.57	31.97	37.14	Analysis.....	16.30	1.52	28.81	32.54
Staley's Corn Gluten Feed.....	23.00	1.50	8.00	42.00	Stokes Feed & Seed Co., San Angelo, Texas				
Analysis.....	25.00	2.66	6.98	45.76	Rancher's Brand Creep Feed.....	12.00	1.50	20.00	33.00
Staley's 44% Protein Solvent Extracted Soybean Oil Meal.....	44.00	0.50	7.00	27.00	Analysis ⁹¹²	13.40	3.02	18.19	39.36
Analysis.....	44.00	.91	6.94	32.02	Stout, Arthur, Frederick, Oklahoma				
Analysis.....	44.90	2.13	8.03	30.10	Alfalfa Meal.....	13.00	1.50	33.00	35.00
Staley's 50% Protein Solvent Dehulled Extracted Soybean Oil Meal.....	50.00	0.50	3.00	27.00	Analysis ⁹¹³	16.10	2.64	25.92	36.54
Analysis ⁹⁰¹	52.20	.72	2.60	28.92	Strieber Brothers, Yorktown, Texas				
Staley Milling Co., Kansas City, Missouri					Chowmix Laying Mash B.....	18.00	3.00	8.00	48.00
Hy-Power Hominy Feed and Corn Screenings.....	10.00	5.00	7.00	60.00	Analysis ⁹¹⁴	18.80	3.99	6.61	48.49
Analysis ⁹⁰²	10.90	6.50	4.90	65.48	⁸⁸⁴ Degrees Brix 80.00.				
Stamford Cotton Oil Mill, Stamford, Texas					⁸⁸⁹ Degrees Brix 80.50.				
Chuck Wagon Brand 41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00	⁸⁹² Degrees Brix 85.50.				
Analysis.....	46.00	5.01	9.84	28.15	⁸⁹³ Degrees Brix 78.80.				
Analysis.....	38.90	5.45	11.59	30.15	⁸⁹⁴ Claimed, not found: rice bran, and ground grain sorghum.				
Analysis.....	41.00	5.04	11.96	30.27	⁸⁹⁵ Misbranded: sample is mixture of ground oats, corn meal, grain sorghum meal, rice polishings and a trace of bone meal.				
Analysis.....	39.20	6.71	13.54	29.61	⁸⁹⁶ Found, not claimed: rice bran.				
Analysis.....	41.00	5.42	11.80	32.55	⁸⁹⁷ Guaranty includes 1.10% equivalent protein from 0.38% urea.				
Analysis ⁹⁰³	39.80	5.21	14.56	32.18	⁸⁹⁸ Analysis includes 1.50% equivalent protein from 0.52% urea. Found, not claimed: milo gluten feed and alfalfa meal. Claimed, not found: ground peanut vines, soybean and linseed meal. Obsolete tags attached.				
Analysis.....	38.10	5.09	15.80	31.53	⁸⁹⁹ Guaranty includes 9.83% equivalent protein from .80% urea.				
Analysis.....	40.20	6.76	12.65	22.81	⁹⁰⁰ Analysis includes 7.70% equivalent protein from 2.65% urea. Minimum calcium guaranteed 5.0%, found 8.43%. Minimum phosphorus guaranteed 2.0%, found 2.45%.				
Analysis.....	41.40	3.67	15.25	29.16	⁹⁰¹ Not tagged but tags furnished.				
Analysis.....	42.45	4.40	13.92	29.35	⁹⁰² Not tagged.				
Analysis.....	42.00	3.91	14.47	30.99	⁹⁰³ Refund paid.				
Analysis.....	43.00	3.91	11.92	31.30	⁹⁰⁴ Found, not claimed: cottonseed meal and milo gluten feed. Claimed, not found: corn gluten feed.				
Analysis.....	41.00	3.94	15.47	29.89	⁹⁰⁵ Degrees Brix 79.00.				
Analysis.....	41.20	4.24	14.17	28.87	⁹⁰⁶ Degrees Brix 82.20.				
Chuck Wagon Brand 41% Protein Cottonseed Pellets.....	41.00	5.00	12.00	25.00	⁹⁰⁷ Degrees Brix 80.42.				
Analysis.....	41.80	5.07	11.55	24.16	⁹⁰⁸ Degrees Brix 80.28.				
Standard Milling Co., The, Lubbock, Texas					⁹⁰⁹ Fat excessive.				
Stanton's Big S Egg Mash.....	18.00	3.00	7.50	51.00	⁹¹⁰ Misbranded: sample is ear corn chop with husk and molasses.				
Analysis.....	19.80	3.40	6.91	53.39	⁹¹¹ Found, not claimed: cereal grass meals.				
Analysis ⁹⁰⁴	19.20	3.05	6.62	52.88	⁹¹² Maximum salt guaranteed 5.0%, found 5.64%. Minimum calcium guaranteed 2.0%, found 2.45%.				
Stanton's Chick Starter.....	20.00	3.20	7.00	48.50	⁹¹³ Infested with mold.				
Analysis.....	21.70	4.70	8.38	49.65	⁹¹⁴ Incorrectly printed tags attached.				
Stanton's Growing Mash.....	17.00	3.00	7.00	53.00					
Analysis.....	19.40	3.14	8.26	52.31					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Stryp, Jimmie, Flatonia, Texas					Superior Feed & Seed, Orange Grove, Tex.				
Jim's Special Laying Mash	18.00	3.50	8.00	50.00	—Continued				
Analysis	20.00	3.92	5.99	51.57	Superior Sugar Filled Brand Baby Pig Feed Pellets	20.00	2.50	4.00	55.00
Analysis	19.80	4.10	6.94	51.58	Analysis	19.25	3.95	4.60	56.50
Success Mills, Inc., Houston, Texas					Superior Brand Beef Maker	12.50	2.50	8.00	55.50
50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	Analysis ⁹²⁴	14.30	2.82	5.19	62.00
Analysis ⁹¹⁵	44.00	13.30	1.59	3.25	Sweet & Liedke, Mount Hope, Kansas				
Analysis ⁹¹⁵	44.30	15.76	1.91	2.06	15% Protein Alfalfa Meal	15.00	1.50	30.00	35.00
Analysis ⁹¹⁵	49.80	12.36	2.08	1.66	Analysis ⁹³³	16.10	1.66	28.90	31.00
Analysis ⁹¹⁵	50.10	10.01	2.06	3.37	Sweetwater Cotton Oil Company				
Analysis ⁹¹⁵	49.30	10.32	1.56	2.12	Sweetwater, Texas				
Analysis ⁹¹⁵	47.60	10.99	1.73	4.02	41% Protein Cottonseed Meal	41.00	4.00	13.00	25.00
Sugarland Industries, Sugar Land, Texas					Analysis	41.60	4.04	12.07	29.00
20% Protein Alfalfa Meal	20.00	1.50	20.00	38.00	Analysis	41.50	8.78	12.87	24.00
Analysis	18.00	4.00	17.27	40.99	Analysis	40.00	4.00	13.60	29.00
Special Value Brand Dairy Ration	17.00	3.50	20.50	39.50	Analysis	41.20	4.48	11.84	30.00
Analysis	18.00	4.84	16.68	43.12	Analysis ⁹³⁴	39.80	4.74	15.54	23.00
Jersey Joy Brand Feed	17.00	2.50	16.00	38.00	Analysis ⁹³⁵	40.00	4.81	14.85	25.00
Analysis	18.60	2.92	17.74	39.09	Analysis ⁹³⁴	39.00	4.06	13.00	29.00
Texas Mixtrite Brand Dairy Feed	19.00	4.00	10.00	46.00	Analysis ⁹³⁴	41.00	3.89	12.48	30.00
Analysis ⁹¹⁶	20.20	6.00	8.84	47.39	Analysis	42.70	4.75	10.61	29.00
Sugarland Dry Lot 11.50% (Equivalent) Protein Feed No. 3⁹¹⁷	11.50	2.50	28.00	41.00	Analysis	42.00	4.09	13.00	27.00
Analysis ⁹¹⁸	12.03	2.86	15.69	51.49	41% Protein Cottonseed Pellets	41.00	4.00	13.00	25.00
Mixtrite Brand Bull Feed	12.50	3.00	13.00	50.50	Analysis	44.50	4.35	11.05	27.00
Analysis ⁹¹⁹	14.90	3.58	11.15	54.93	Analysis ⁹³⁵	38.60	3.46	16.37	29.00
Mixtrite Brand Dry Lot Feed No. 1	11.00	3.00	17.00	50.00	Corn Feed Meal	8.00	3.00	3.00	67.00
Analysis ⁹¹³	12.00	4.00	14.29	51.09	Analysis ⁹³⁶	10.00	4.11	2.47	70.00
Analysis ⁹²⁰	11.20	3.54	16.82	54.00	Sweetwater Drouth Emergency Dairy Feed	18.00	3.00	8.00	52.00
Mixtrite Brand Dry Lot Feed No. 2	11.50	3.00	12.00	53.00	Analysis	17.50	3.24	6.57	56.00
Analysis	12.50	3.93	13.74	52.54	Sweetwater Drought Emergency 21% Protein Range Feed Pellets	21.00	3.00	9.00	47.00
Dehydrated Sweet Potatoes	4.00	2.50	4.00	78.00	Analysis ⁹²⁶	21.90	3.04	8.45	50.00
Analysis ⁹²¹	6.40	1.73	4.01	76.31	Sweetwater 16% Protein Drouth Emergency Range Pellets	16.00	3.00	5.00	60.00
Sulphur Springs Cotton Oil Company					Analysis ⁹³⁸	22.08	2.79	6.47	53.00
Sulphur Springs, Texas					Sweetwater 16% Protein Drought Emergency Revised Range Pellets	16.00	3.50	5.00	60.00
Custom Mixed Dairy Feed—Formula No. 1	18.00	3.00	11.00	47.00	Analysis ⁹²⁶	18.00	2.87	6.74	55.00
Analysis	20.30	4.52	9.07	48.37	Analysis ⁹³⁹	15.50	3.27	4.84	60.00
Oil Mill Special Brand 16% Protein Dairy Feed	16.00	3.00	13.00	45.50	Analysis ⁹⁴⁰	16.00	2.85	6.43	57.00
Analysis	17.70	3.05	11.86	49.50	Milk Master Brand 18% Protein Cow Feed	18.00	2.60	21.50	41.00
Sun-Ray Feed Mills, Lexington, Ky.					Analysis	17.10	2.63	18.81	45.00
Stamm 20% Protein Supplement For Horses	20.00	2.50	8.00	42.00	Superior Brand Laying Mash	20.00	2.50	6.00	50.00
Analysis	21.90	2.73	8.88	47.81	Analysis	18.75	4.40	4.83	51.00
Superior Feed & Seed, Orange Grove, Tex.					Analysis	20.40	4.10	4.83	55.00
Superior Mo-Milk Brand 20% (Equivalent) Protein Dairy Feed ⁹²²	20.00	3.00	9.00	53.00	Simmons Special Mixed Feed	11.00	1.50	23.00	49.00
Analysis ⁹²³	20.80	3.01	10.67	48.99	Analysis	11.20	1.92	19.66	53.00
Dandy Kandy Stock Feed	9.00	1.00	15.00	50.00	Sweetwater High Energy Brand Broiler Mash	20.00	2.50	4.50	53.00
Analysis ⁹²⁶	9.55	1.51	9.52	54.22	Analysis	20.00	3.33	4.04	56.00
Superior Breeder Egg Mash	21.00	3.50	7.00	49.00	Sweetwater Growing Mash	17.00	2.50	5.50	55.00
Analysis ⁹²⁴	23.40	4.05	6.38	47.72	Analysis	17.50	4.06	3.94	56.90
Superior Broiler Mash	21.00	3.50	5.00	50.00	Sweetwater Laying Mash	18.00	2.50	6.00	51.00
Analysis	24.50	3.98	4.24	51.11	Analysis	18.20	4.32	4.31	55.00
Superior Egg Mash	19.00	3.50	8.00	50.00	Sweetwater 32% Protein Mash-Maker	32.00	2.50	8.00	30.00
Analysis	19.90	4.06	5.79	51.66	Analysis	30.80	6.34	6.99	32.00
Analysis ⁹²⁴	19.50	3.84	6.68	51.87	Analysis	33.80	4.24	6.88	31.50
Analysis ⁹²⁴	19.90	3.92	5.55	52.80	Sweetwater 21% Protein Dairy Ration	21.00	3.00	15.00	40.00
Superior Balanced Egg Pellets (All Mash Ration)	15.00	3.00	8.00	54.00	Analysis ⁹⁴¹	21.30	3.00	9.40	48.00
Analysis ⁹²⁵	16.50	4.86	6.38	53.01	⁹¹³ Infested with mold.				
Superior Brand Broiler All-Mash	21.00	3.50	4.80	50.00	⁹¹⁴ Found, not claimed: ground feathers.				
Analysis ⁹²⁶	25.13	3.74	4.76	49.12	⁹¹⁵ Found, not claimed: milo gluten feed and crimped oats.				
Superior All-In-One Brand All-Mash	17.00	3.50	7.00	55.00	⁹¹⁷ Guaranty includes 1.31% equivalent protein from .45% urea.				
Analysis	19.30	3.76	6.97	52.25	⁹¹⁸ Analysis includes 1.05% equivalent protein from .36% urea.				
Analysis	19.70	3.99	6.51	51.94	⁹¹⁹ Found, not claimed: crimped barley.				
Superior Brand Dryer and Freshener Feed	13.00	2.50	12.00	48.00	⁹²⁰ Found, not claimed: chopped rice.				
Analysis	15.40	2.54	9.34	51.24	⁹²¹ Not tagged but tags furnished.				
Superior 16% Protein Milk Increaser Dairy Feed	16.00	2.50	12.00	48.00	⁹²² Guaranty includes 3.26% equivalent protein from 1.12% urea.				
Analysis	17.70	3.33	8.04	51.01	⁹²³ Analysis includes 2.55% equivalent protein from .88% urea.				
Analysis	17.50	3.03	8.32	51.84	⁹²⁴ Incorrectly printed tags attached.				
Superior Brand 16% Protein Dairy Feed	16.00	3.00	11.00	52.00	⁹²⁵ Sampled before registration.				
Analysis	17.70	3.06	7.86	52.07	⁹²⁶ Not made according to registered formula.				
Analysis ⁹²⁴	17.20	4.26	8.35	50.76	⁹²⁷ Found not claimed: crimped barley. Texas permit not shown on tag.				
Superior Brand Egg All-Mash-Pelleted	15.00	3.50	7.00	54.50	⁹²⁸ Found, not claimed: soybean meal.				
Analysis	15.90	4.50	6.08	54.20	⁹²⁹ Found, not claimed: ground oats and barley. Incorrectly printed tags attached.				
Superior Cormolots Brand Stock Feed	9.00	3.00	15.00	55.00	⁹³⁰ Found, not claimed: poultry by-product meal.				
Analysis ⁹²⁷	10.70	3.70	7.60	62.68	⁹³¹ Claimed, not found: dried buttermilk. Incorrectly printed tags.				
Superior Brand Hog Slopper	14.00	2.50	8.00	54.00	⁹³² Infested with mold. Musty odor. Not tagged but tags furnished.				
Analysis ⁹²⁸	16.80	3.68	6.88	54.78	⁹³³ Lint excessive.				
Superior Brand 36% Protein Supplement For Hogs	36.00	4.50	6.00	27.00	⁹³⁴ Refund paid.				
Analysis ⁹²⁹	35.50	4.54	5.52	32.11	⁹³⁵ Not tagged.				
Superior Brand "Pig Maker" Feed	20.00	6.00	3.40	48.00	⁹³⁶ Microestimation: corn meal 38.88%				
Analysis	21.60	4.01	5.50	50.48	⁹³⁷ Found, not claimed: alfalfa meal, wheat gray shorts, grain sorghum meal and salt. Microestimation: corn meal 67.44%.				
Superior Pig Maker Feed	20.00	3.00	6.00	48.00	⁹³⁸ Found, not claimed: ground barley, wheat and meat and bone scraps. Microestimation: corn meal 71.31%.				
Analysis ⁹³⁰	21.55	3.97	5.64	51.12	⁹³⁹ Found, not claimed: peanut meal.				
Superior Brand Horse and Mule Feed	10.50	3.00	13.00	55.00					
Analysis	11.60	3.08	6.49	62.37					
Superior All-In-One Poul't-To-Turk Mash	24.00	3.50	7.00	45.00					
Analysis ⁹³¹	26.50	3.58	5.34	47.38					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Sweetwater Cotton Oil Company					Swift & Co. Oil Mill, Dallas, Texas				
Sweetwater, Texas—Continued					Swift's 41% Protein Cottonseed Meal... <i>41.00</i> 4.00 12.00 25.00				
Sweetwater Association 16% Protein					Analysis	39.40	6.69	12.43	28.80
Dairy Feed	16.00	2.50	9.00	50.00	Analysis	41.40	5.80	11.71	26.64
Analysis ⁹⁴²	18.00	3.42	8.10	49.85	Analysis	41.00	6.21	11.59	26.73
Sweetwater 35% Protein Hog Supplement					Analysis	41.85	6.21	12.00	26.66
Analysis ⁹⁴³	35.00	3.00	8.00	27.00	Swift & Co. Oil Mill, Fort Worth, Texas				
Sweetwater Complete Brand Rabbit Ration	16.00	2.50	18.00	45.00	Swift's 41% Protein Cottonseed Meal... <i>41.00</i> 4.00 12.00 25.00				
Analysis	17.60	3.25	13.39	48.86	Analysis	41.43	4.01	13.39	27.60
Swift & Co., Gen. Office, Chicago, Ill.					Analysis	40.70	4.03	12.57	27.94
Swift's 60% Protein Digestor Tankage	60.00	5.00	3.00	0.00	Analysis	43.55	4.10	10.79	27.55
Analysis	63.00	5.56	1.29	2.32	Analysis	41.60	5.68	10.95	27.09
Analysis ⁹⁴⁴	58.60	11.23	2.21	6.03	Analysis ⁹⁵⁴	44.30	5.01	10.87	24.03
Analysis ⁹⁴⁴	59.20	6.99	1.72	1.48	Analysis	43.20	3.85	12.60	26.84
Analysis ⁹⁴⁴	58.00	7.52	1.70	1.37	Analysis	42.20	4.05	12.61	28.18
Analysis	59.60	7.51	1.54	.38	Swift's 14% Protein Rabbit Feed—Pelleted... <i>14.00</i> 2.50 18.50 43.50				
Analysis	65.90	4.14	1.47	.98	Analysis	19.00	4.20	12.47	46.67
Analysis	63.40	8.19	2.29	1.76	Swift & Co. Oil Mill, Harlingen, Texas				
Swift's 48% Protein Meat and Bone Scraps	48.00	6.00	3.00	0.00	Lay "N" Cackle Brand Laying Mash... <i>22.00</i> 2.00 8.00 48.00				
Analysis ⁹⁴⁵	51.00	9.81	2.50	.34	Analysis	22.20	3.59	5.87	50.84
Analysis	49.90	6.57	2.71	6.52	Swift's 41% Protein Cottonseed Meal... <i>41.00</i> 4.00 12.00 25.00				
Analysis	48.00	11.04	2.70	0.00	Analysis	39.73	5.12	10.34	29.09
Swift's 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	Analysis	39.30	4.98	11.02	25.47
Analysis	48.50	10.40	2.02	3.23	Analysis	39.73	4.14	12.00	31.13
Analysis	50.20	11.92	2.01	1.87	Analysis ⁹⁴⁶	41.00	5.49	11.23	29.29
Analysis ⁹⁴⁵	49.20	10.44	2.16	2.55	Analysis	40.00	4.84	12.08	30.77
Analysis	51.20	8.60	1.53	1.89	Analysis	39.80	4.60	11.71	29.61
Analysis	51.80	10.61	2.24	5.55	Analysis	42.00	4.61	11.23	28.26
Analysis ⁹⁴⁵	50.40	8.88	2.48	3.30	Analysis	41.00	4.49	11.33	28.44
Analysis	51.20	9.44	2.17	.03	Analysis	42.00	5.49	11.31	28.52
Analysis	49.60	8.29	2.18	.76	Swift's Chick Starter... <i>20.00</i> 3.00 6.50 47.00				
Analysis	51.60	10.35	1.84	.40	Analysis ⁹⁴⁸	22.30	4.42	4.92	51.31
Analysis	50.20	10.46	1.65	1.03	Swift's Pow-R-Pac Brand Sweet Cattle "A" Supplement... <i>30.00</i> 1.50 9.50 30.50				
Analysis	51.00	10.48	2.20	.50	Analysis ⁹⁵⁷	30.10	3.67	6.96	40.71
Analysis	50.80	11.04	2.02	2.44	Swift & Co. Oil Mill, Houston, Texas				
Swift's Calf Nursing Diet	25.00	10.00	1.00	40.00	Panther Brand 11% Protein Mixed Feed... <i>11.00</i> 1.70 38.00 36.50				
Analysis ⁹⁴⁶	26.50	10.95	.76	48.25	Analysis	11.00	1.61	37.96	36.84
Analysis	25.85	11.21	.63	42.83	Swift's 41% Protein Cottonseed Meal... <i>41.00</i> 4.00 12.00 25.00				
Swift & Co. Oil Mill, Brownwood, Texas					Analysis				
Panther Brand 20% Protein Laying Mash	20.00	3.00	8.00	48.00	Analysis	42.70	5.94	9.58	26.22
Analysis	20.00	3.68	6.89	51.68	Analysis	41.05	5.36	11.05	23.44
Lay "N" Cackle Brand Laying Mash	18.00	3.00	8.00	50.00	Analysis	40.80	5.54	11.81	28.55
Analysis	21.40	3.21	5.53	50.49	Analysis ⁹⁵⁸	41.60	5.50	11.46	27.77
Analysis ⁹⁴⁷	24.10	4.48	5.20	48.88	Analysis ⁹⁵⁹	38.50	6.88	14.22	26.73
Analysis ⁹⁴⁸	20.70	4.56	7.62	49.36	Analysis ⁹⁵⁹	38.30	7.27	13.21	26.36
Swift's 37% Protein Poultry Concentrate	37.00	3.00	9.50	21.50	Analysis	41.80	4.47	12.00	26.16
Analysis	36.20	4.20	9.09	26.91	Analysis	40.10	5.05	12.00	26.75
Analysis	35.40	4.86	9.47	24.89	Analysis	41.00	5.61	12.00	26.43
Analysis	36.60	4.48	7.20	26.26	Analysis	41.00	11.62	10.66	23.69
Swift's Poultry Grower	18.00	2.50	7.50	48.00	Analysis	45.13	6.12	10.16	24.04
Analysis	20.60	4.27	6.19	45.19	Analysis	42.00	5.89	11.84	26.55
Analysis	20.90	3.72	5.32	53.16	Analysis ⁹⁴⁴	40.00	6.35	13.77	25.84
Swift's Wire and Cage Mash	16.00	2.50	7.50	50.00	Swift & Co. Oil Mill, Memphis, Tenn.				
Analysis ⁹⁴⁹	18.70	3.70	5.97	53.50	Swift's 44% Protein Solvent Extracted Soybean Meal... <i>44.00</i> 0.50 7.00 27.00				
Swift's Milko Brand Dairy Ration	17.50	3.50	16.00	41.00	Analysis	44.20	0.53	6.76	32.36
Analysis ⁹⁵⁰	17.60	3.49	16.16	45.17	Swift & Co. Oil Mill, Mexia, Texas				
Swift's 16% Protein Dairy Ration	16.00	2.50	16.50	45.50	Swift's 41% Protein Cottonseed Meal... <i>41.00</i> 4.00 12.00 25.00				
Analysis	18.00	3.09	9.77	53.35	Analysis	41.10	6.72	11.56	27.72
Swift's 16% Protein Dairy Feed	16.00	2.50	11.00	48.00	Analysis	40.00	6.79	13.03	27.86
Analysis	18.50	4.55	9.14	51.36	Analysis	42.40	6.50	11.78	25.17
Swift's Hog Fattener	14.00	2.50	6.00	56.50	Analysis	43.00	6.54	10.95	26.33
Analysis	15.25	3.52	4.00	60.22	Analysis	41.00	5.51	12.70	26.59
Analysis ⁹⁵¹	15.60	3.63	6.35	56.21	⁹⁴² Found, not claimed: rice bran.				
Swift's Sow and Pig Balancer	23.00	3.00	6.00	44.50	⁹⁴³ Incorrectly printed tags attached.				
Analysis ⁹⁴⁷	21.30	3.85	5.95	51.83	⁹⁴⁴ Refund paid.				
Swift's Pow-R-Pac Brand Sweet Cattle "A" Supplement	30.00	1.50	9.50	30.50	⁹⁴⁵ Misbranded: sample is meat and bone and poultry by-product meal.				
Analysis ⁹⁵²	32.00	5.19	6.10	31.99	⁹⁴⁶ Not tagged but tags furnished.				
Swift's Poultry Starter—Containing Sulfaquinoxaline	28.00	3.00	6.00	39.00	⁹⁴⁷ Found, not claimed: manganese sulphate.				
Analysis	28.70	3.34	4.88	43.53	⁹⁴⁸ Obsolete tags attached.				
Swift's Special Broiler Ration—Containing Nitrophenide	21.00	3.00	5.00	48.00	⁹⁴⁹ Maximum salt guaranteed 0.5%, found 0.81%. Minimum calcium guaranteed 2.0%, found 2.21%. Minimum phosphorus guaranteed 0.75%, found 0.79%. Found, not claimed: cottonseed meal.				
Analysis	22.70	3.07	4.17	52.33	⁹⁵⁰ Found, not claimed: yellow corn chop, crimped oats, peanut meal and steamed bone meal.				
Swift & Co. Oil Mill, Coleman, Texas					⁹⁵¹ Found, not claimed: milo gluten feed.				
Panther Brand 11% Protein Mixed Feed	11.00	1.70	38.00	36.00	⁹⁵² Maximum salt guaranteed 2.5%, found 1.89%. Minimum calcium guaranteed 2.0%, found 2.68%. Minimum phosphorus guaranteed 1.0%, found 2%.				
Analysis	10.60	1.71	34.76	39.81	⁹⁵⁴ Off color.				
Swift's 41% Protein Cottonseed Meal	41.00	4.00	12.00	25.00	⁹⁵⁷ Maximum salt guaranteed 2.5%, found 2.52%. Minimum calcium guaranteed 2.0%, found 2.63%. Minimum phosphorus guaranteed 1.0%, found 1.37%. Found, not claimed: grain sorghum meal and poultry by-product meal.				
Analysis ⁹⁴⁴	38.70	6.33	13.53	29.37	⁹⁵⁸ Lint excessive.				
Analysis	40.90	6.89	11.75	26.71	⁹⁵⁹ Lint excessive and off color. Refund paid.				
Analysis	40.50	6.35	11.64	28.94					
Analysis	42.40	7.67	9.07	26.60					
Analysis	41.60	6.02	10.45	28.34					
Analysis	43.70	6.48	9.32	26.26					
Analysis	42.80	7.05	11.31	26.66					
Swift's 38.50% Protein Cottonseed Meal	38.50	4.00	14.00	26.00					
Analysis	41.25	6.52	10.63	27.48					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Swift & Co. Oil Mill, Palestine, Texas					Taylor's Feed Store, Lampasas, Texas				
Swift's 41% Protein Cottonseed Meal	41.00	4.00	12.00	25.00	—Continued				
Analysis	40.45	6.17	11.35	26.97	Taylor's Special Laying Mash	20.00	3.50	7.00	45.00
Analysis	42.00	5.98	10.98	27.37	Analysis	23.10	4.11	6.71	47.00
Analysis	41.10	6.41	12.57	26.54					
Analysis	43.15	6.36	11.17	25.74	Temco Feed Mills, Temple, Texas				
Analysis	41.20	5.73	11.81	27.86	Ear Corn Chop With Husk and Cane				
Swift & Co. Oil Mill, San Antonio, Texas					Molasses	7.10	2.50	8.50	65.00
Panther Brand 11% Protein Mixed Feed	11.00	1.70	38.00	36.50	Analysis ⁹⁶⁷	7.10	1.59	8.48	67.00
Analysis	9.40	1.14	37.94	39.36	Blue Ribbon Brand 20% Protein Laying Mash	20.00	3.50	8.00	53.00
Analysis	14.00	1.44	35.94	36.77	Analysis	20.10	6.31	6.48	40.00
Swift's 41% Protein Cottonseed Meal	41.00	4.00	12.00	25.00	Blue Ribbon Brand Hog Feed	15.00	3.00	8.00	50.00
Analysis	40.80	4.29	12.19	28.35	Analysis ⁹⁶⁷	18.00	7.88	6.99	47.00
Analysis	41.20	4.62	12.72	26.59	Temco 20% Protein Chick Starter	20.00	2.50	6.00	50.00
Analysis ⁹⁶¹	39.80	6.50	12.43	26.00	Analysis	20.80	4.87	5.05	51.00
Analysis	40.80	5.00	11.49	27.92	Temco 22% Protein Turkey Growing Mash	22.00	2.50	8.00	42.00
Analysis	41.20	3.65	11.90	28.24	Analysis	21.40	5.25	7.41	46.00
Analysis	39.80	4.09	11.78	28.56	Temco 16% Protein Dairy Feed	16.00	3.00	10.00	48.00
Analysis	42.20	4.31	11.03	28.56	Analysis	17.95	4.70	6.89	51.00
Analysis	43.00	4.26	10.87	27.09	Temco 35% Protein Hog Supplement	35.00	3.00	11.00	24.00
Swift's 41% Protein Cottonseed Pellets	41.00	4.00	12.00	25.00	Analysis ⁹⁶⁷	35.80	6.28	9.13	28.00
Analysis	40.80	6.24	10.07	29.01					
Analysis	41.10	4.11	11.95	28.57	Temple Grain & Hay Co., Inc.				
Swift's 41% Protein Peanut Meal	41.00	5.00	16.00	25.00	Fort Worth, Texas				
Analysis	40.00	5.18	13.94	25.25	Ear Corn Chop With Husk	8.00	3.00	10.00	65.00
Swift's Milko Brand 18% Protein Dairy Ration	18.00	3.00	15.50	44.00	Analysis	9.50	3.06	8.59	65.00
Analysis ⁹⁶²	18.00	3.73	14.18	45.68	Analysis ⁹⁶⁸	9.30	3.07	11.46	61.00
Swift's Chick Starter	20.00	3.00	6.50	47.00					
Analysis	23.90	3.53	5.53	50.00	Tenaha Milling Co., Tenaha, Texas				
Swift's Pow-R-Pac Brand Sweet Cattle "A" Supplement	30.00	1.50	9.50	30.50	King of Dairy Brand Dairy Feed	16.00	3.00	7.50	52.00
Analysis ⁹⁶³	33.20	1.97	8.40	32.18	Analysis	16.00	4.84	6.31	55.00
Swift & Co. Oil Mill, Terrell, Texas					Dairy Queen Brand 16% Protein Dairy Feed	16.00	4.00	10.00	48.00
Panther Brand 11% Protein Mixed Feed	11.00	1.70	38.00	36.50	Analysis ⁹⁶⁹	17.10	3.61	8.87	50.00
Analysis	10.95	1.79	36.28	38.95	Analysis	17.50	3.91	8.07	50.00
Lay 'N Cackle Brand Laying Mash	20.00	2.00	8.00	48.00	Diamond Brand 18% Protein Dairy Feed	18.00	3.00	12.50	44.00
Analysis	21.20	3.78	5.75	50.22	Analysis	18.50	4.11	13.44	48.00
Swift's 41% Protein Cottonseed Meal	41.00	4.00	12.00	25.00	Terminal Grain Co., Fort Worth, Texas				
Analysis ⁹⁶⁴	38.20	5.35	12.42	29.44	Ground Grain Screenings	12.00	3.00	11.00	58.00
Analysis	41.85	7.62	10.84	26.56	Analysis ⁹⁷⁰	12.90	3.51	8.45	60.00
Analysis	41.40	5.93	11.26	27.90	Ground Grain Screenings	10.50	3.50	12.00	62.00
Analysis	41.10	6.32	11.13	28.80	Analysis	12.00	3.01	11.00	57.00
Swift's 32% Protein Cattle Concentrate	32.00	3.00	8.50	30.00	Analysis	10.50	3.08	7.82	57.00
Analysis	35.50	3.06	7.57	31.78	Ground Whole Barley	11.00	1.50	6.00	65.00
Swift's 16% Protein Dairy Feed	16.00	2.50	11.00	48.00	Analysis ⁹⁷⁰	11.10	2.85	7.37	64.00
Analysis	16.70	3.44	8.53	51.88	Analysis	12.40	2.70	7.63	62.00
Swift's 43% Protein Swine Concentrate	43.00	3.00	7.00	17.50	Ground Whole Oats	11.00	4.00	12.00	58.00
Analysis	41.80	4.94	7.26	21.62	Analysis	10.50	4.95	12.27	57.00
Swift's Special Broiler Ration—Containing Nitrophenide	21.00	3.00	5.00	48.00	Falfolass Mixed Feed	10.80	1.20	26.50	41.00
Analysis	21.50	3.34	4.23	53.56	Analysis	16.00	2.61	21.14	41.00
Swift & Co. Oil Mill, Waco, Texas					Rodeo Sweet Feed	9.50	2.00	12.00	56.00
Swift's 41% Protein Cottonseed Meal	41.00	4.00	12.00	25.00	Analysis	9.80	2.68	9.81	56.00
Analysis	43.90	5.93	9.74	27.91	Blue Tag Dairy Feed	18.00	3.00	11.00	45.00
Analysis	40.80	4.95	13.17	27.31	Analysis ⁹⁷⁰	20.00	3.09	9.38	50.00
Analysis	41.10	4.73	11.98	26.72	Blue Tag Calf Developer	11.00	3.30	9.00	58.00
Analysis	44.20	4.10	11.67	25.88	Analysis	14.40	4.87	9.76	56.00
Analysis	41.80	4.35	13.16	28.22	Blue Tag Pork-Maka	15.00	3.00	8.00	49.00
Analysis	42.30	4.09	12.51	27.27	Analysis ⁹⁷⁰	16.50	4.72	6.03	56.70
Analysis	42.80	4.07	13.11	26.78	Texarkana Cotton Oil Corporation				
Analysis	41.20	4.64	8.01	32.38	Texarkana, Arkansas				
Taft Cotton Oil Co., Taft, Texas					41% Protein Cracked Cottonseed Cake	41.00	5.00	12.00	25.00
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00	Analysis	41.00	6.56	11.02	27.00
Analysis	41.00	5.11	11.89	29.29	41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00
Analysis	40.40	6.08	13.53	28.78	Analysis	39.20	6.23	13.43	29.00
Analysis	40.65	5.23	13.08	29.94	Analysis	41.00	6.63	11.69	26.80
Analysis ⁹⁶⁵	39.20	8.22	14.80	26.85	Analysis	42.00	6.11	10.36	28.40
Analysis	42.30	7.97	11.98	25.82	Cottonseed Hulls and Cottonseed Meal	11.80	1.70	38.00	38.00
Taylor Brokerage Co., San Angelo, Texas					Analysis	10.85	1.79	35.87	39.20
Taylor-Made Broiler All-Mash	18.00	3.50	6.50	48.50	Texarkana Poultry Assn., Texarkana, Ark.				
Analysis	18.95	3.94	4.67	50.18	Sunshine Brand Sweet Feed	9.00	2.00	15.00	49.00
Taylor-Made Dairy Feed	18.50	3.00	15.00	39.00	Analysis ⁹⁷¹	11.20	3.82	13.38	54.70
Analysis	18.50	1.75	11.92	45.60	Texas Farm Products Company				
Taylor-Made Growing Mash	17.00	3.50	6.00	53.50	Nacogdoches, Texas				
Analysis ⁹⁶⁶	20.30	4.32	5.71	50.98	Jersey Cream Brand 16% Protein Dairy Ration	16.00	3.00	17.50	38.00
Taylor-Made Laying Mash	19.00	3.50	8.00	48.00	Analysis	16.05	2.11	13.98	42.70
Analysis	20.25	4.10	7.13	48.87					
Taylor-Made 33% Protein Supplement For Poultry	33.00	4.00	9.00	20.00	⁹⁶¹ Found, not claimed: rolled cottonseed meal and a trace of grain trash. Infested with mold.				
Analysis	33.20	6.21	9.00	28.27	⁹⁶² Found, not claimed: soybean meal. Claimed, not found: crimped oats. Not tagged but tags furnished.				
Taylor-Evans Farm Store, Canyon, Texas					⁹⁶³ Maximum salt guaranteed 2.5%, found 2.13%. Minimum calcium guaranteed 2.0%, found 3.86%.				
Palo Duro Brand 16% Protein Dairy Feed	16.00	3.00	9.50	51.00	⁹⁶⁴ Found, not claimed: grain sorghum meal and a trace of soybean meal.				
Analysis	16.50	2.88	8.63	54.79	⁹⁶⁵ Fat excessive.				
Taylor's Feed Store, Lampasas, Texas					⁹⁶⁶ Found, not claimed: peanut meal.				
Taylor's Double (T) Hog Feed	25.00	3.50	8.00	40.00	⁹⁶⁷ Found, not claimed: cottonseed meal and traces of salt and calcium carbonate. Incorrectly printed tags attached.				
Analysis	25.50	3.81	8.41	45.35	⁹⁶⁸ Infested with mold.				
Taylor's All-Mash Chick Starter	17.00	4.00	5.50	52.00	⁹⁶⁹ Calcium carbonate and salt excessive.				
Analysis	17.60	4.43	5.32	54.66	⁹⁷⁰ Not made according to registered formula.				
Taylor's Dairy Feed	19.00	3.50	15.00	42.50	⁹⁷¹ Found, not claimed: ground grain screenings and bone meal.				
Analysis	18.85	3.95	14.34	45.06					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Texas Farm Products Company					Thompson's Feed & Farm Supply				
Nacogdoches, Texas—Continued					Donna, Texas—Continued				
Lone Star Brand 16% Protein Dairy Feed	16.00	3.00	11.50	46.50	Thompson's Fresh Maid Brand 20% Protein Broiler Mash	20.00	3.00	4.50	52.00
Analysis	15.90	3.36	9.87	49.84	Analysis	20.70	4.02	5.36	50.00
Lone Star Brand 18% Protein Dairy Feed	16.50	3.85	10.27	49.02	Thompson's Fresh Maid Brand 20% Protein Egg Mash	20.00	3.00	7.00	49.00
Analysis	18.00	3.00	11.00	44.50	Analysis	21.60	3.24	6.09	48.54
Lone Star Brand 24% Protein Dairy Feed	19.00	3.45	10.86	48.08	Thompson's Fresh Maid Brand 20% Protein Chick Starter-Grower	20.00	3.00	6.50	51.00
Analysis	19.50	3.06	10.15	46.13	Analysis	20.80	4.32	6.22	47.63
Lone Star Brand 17% Protein Hog Feed	19.30	2.23	9.74	46.30	Thorndale Grain Co., Thorndale, Texas				
Analysis	24.00	3.00	14.00	38.00	Rodenbeck's Best 20% Protein Laying Mash	20.00	3.50	6.50	48.50
Nacogdoches Brand Special Dairy Mixture No. 2	24.10	4.25	10.21	42.65	Analysis	21.10	4.23	7.92	49.25
Analysis	17.00	3.50	8.00	47.50	Rodenbeck's Best Hog Feed	15.00	3.50	6.00	56.00
Nacogdoches Brand Special Dairy Mixture No. 3	18.30	7.09	6.63	51.60	Analysis	15.10	4.08	5.81	58.36
Analysis	18.00	3.20	10.00	46.50	Rodenbeck's Best 36% Protein Hog Supplement	36.00	4.00	6.00	18.00
Analysis ⁹⁷²	18.00	4.14	8.56	53.34	Analysis	38.40	6.87	8.37	20.54
Lone Star Brand 22% Protein Broiler Mash—Containing Nitrophenide	16.50	3.20	9.00	47.00	Thornton & Pierce, Tipton, Oklahoma				
Analysis ⁹⁷³	16.40	3.93	8.97	57.76	Alfalfa Meal	13.00	1.50	33.00	35.00
Analysis	22.00	3.00	4.50	47.00	Analysis	16.60	1.99	27.87	33.62
Analysis ⁹⁷³	21.10	4.03	4.32	60.06	Thornton's Feed Mill, Cisco, Texas				
Texas Feed & Fuel Co., El Paso, Texas					Thornton's Circle T Brand Broiler Mash	21.00	3.60	7.50	46.00
Sun City Brand 20% Protein Egg Mash	20.00	3.50	6.50	42.50	Analysis ⁹⁸²	21.85	3.81	4.34	49.09
Analysis	19.05	4.33	6.38	52.87	Thornton's Circle T Brand Sweet Feed	12.00	2.50	26.50	37.00
Sun City Brand Growing Mash	17.00	3.30	8.00	50.00	Analysis ⁹⁷³	10.70	2.56	15.22	53.58
Analysis	17.90	4.06	6.32	55.29	Analysis ⁹⁷³	11.40	3.17	12.27	55.05
Sun City Brand Egg All-Mash	16.00	3.00	7.00	49.50	Analysis ⁹⁷³	9.90	2.66	12.87	53.64
Analysis	16.35	3.17	7.00	53.30	Thornton's Circle T Brand 21% Protein Dairy Feed	21.00	4.10	10.00	48.00
Sun City Brand 16% Protein Dairy Feed	16.00	2.50	10.50	49.00	Analysis ⁹⁸³	21.30	4.68	9.92	51.65
Analysis	18.00	3.23	6.91	56.31	Analysis ⁹⁸³	17.55	4.13	8.74	54.33
Sun City Brand Dry and Freshener Feed	12.00	2.50	10.00	51.00	Thornton's Circle T Brand 16% Protein Dairy Feed	16.00	3.00	11.00	51.00
Analysis	16.95	2.91	6.04	58.29	Analysis	16.00	2.74	8.01	55.40
Texas Mill & Elevator Co., Abilene, Texas					Thornton's Circle T Brand Horse and Mule Feed	11.00	2.50	9.00	58.50
Abtex Good Value Brand Dairy Feed	16.00	3.00	10.50	49.00	Analysis ⁹⁷³	13.70	3.94	7.82	58.19
Analysis	20.00	6.39	10.22	47.80	Thornton's Special Chick Starter and Broiler Mash	21.50	4.00	5.00	49.00
Power Brand Turkey Finisher	15.00	3.00	5.00	57.00	Analysis	21.00	4.42	4.35	51.41
Analysis ⁹⁷³	15.50	3.10	4.49	65.72	Analysis	21.75	4.37	4.63	52.77
Texas Milling Co., Clifton, Texas					Thornton's Complete Brand Hog Feed	16.00	2.50	7.00	54.00
Pay-Day Brand Egg Mash	20.00	3.00	8.00	48.00	Analysis	17.20	2.98	5.52	57.19
Analysis ⁹⁷⁴	22.00	3.60	6.93	48.48	Three-Way Grain & Seed Company				
Analysis	20.00	3.33	6.04	48.64	Georgetown, Texas				
Texas Rendering Co., Ltd., Bastrop, Texas					Ear Corn Chop With Husk	8.00	3.00	10.00	65.00
8% Protein Meat and Bone Scraps	48.00	6.00	3.00	0.00	Analysis	8.45	4.35	9.52	64.17
Analysis ⁹⁷⁵	47.30	16.53	2.16	0.00	Analysis ⁹⁸⁴	5.85	1.91	18.22	62.59
18% Protein Meat and Bone and Poultry By-Products Scraps	48.00	6.00	3.00	2.50	Analysis ⁹⁸⁴	5.40	1.55	22.73	60.54
Analysis	50.80	11.13	1.69	2.64	Milo Meal	10.00	2.50	3.00	70.00
Analysis ⁹⁷⁶	50.00	12.66	1.55	3.66	Analysis	12.40	3.20	3.00	65.18
Analysis	51.00	10.86	1.67	1.20	Ground Whole Oats	11.00	4.00	12.00	58.00
Analysis	54.20	10.63	1.39	2.57	Analysis	10.45	5.01	12.83	56.16
30% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	Ground Corn and Corn Cob Meal	7.00	2.50	12.00	60.00
Analysis	50.00	11.65	1.23	3.26	Analysis ⁹⁸⁵	7.00	2.53	14.48	63.23
50% Protein Meat and Bone and Poultry By-Products Scraps	50.00	6.00	3.00	2.50	Triangle Brand 16% Protein Dairy Feed	16.00	3.00	14.00	45.00
Analysis	54.00	11.46	1.72	4.8	Analysis	16.40	3.08	9.75	51.23
Analysis	51.80	11.85	1.70	2.01	Three-Way 16% Protein Special Dairy Feed	16.00	3.00	14.00	45.50
Analysis	52.80	10.48	1.59	.96	Analysis ⁹⁸⁶	16.30	5.50	11.87	48.50
Tex-La Fee Mills, Jasper, Texas					Analysis	16.10	3.03	12.38	48.52
8-Ball Brand 16% Protein Sweet Dairy Feed	16.00	3.00	10.00	50.00	Three-Way 20% Protein Lay Mash	20.00	3.50	6.00	50.00
Analysis ⁹⁷⁷	19.25	6.53	8.80	45.12	Analysis ⁹⁸⁷	22.00	3.92	3.54	50.66
8-Ball Brand 18% Protein Sweet Dairy Feed	18.00	3.00	10.00	48.00	Three-Way 20% Protein Broiler Mash	20.00	3.50	5.00	51.50
Analysis	18.00	3.56	9.29	49.40	Analysis ⁹⁸⁸	22.25	4.20	2.50	51.41
Analysis	18.70	4.50	10.00	48.43	Three-Way 20% Protein Range Cubes	20.00	2.00	9.00	44.00
8-Ball All-In-One Brand 15% Protein Hog Feed	15.00	3.50	7.00	55.00	Analysis ⁹⁸⁹	21.60	2.38	8.71	45.60
Analysis ⁹⁷⁸	16.90	5.16	5.72	55.88	Footnotes:				
8-Ball Brand 16% Protein Mixed Feed	16.00	2.00	33.00	34.50	⁹⁷² Claimed, not found: soybean meal. Salt excessive.				
Analysis ⁹⁷⁹	19.50	3.43	29.89	33.72	⁹⁷³ Not made according to registered formula.				
8-Ball Brand 15% Protein Dairy Ration	15.00	2.50	15.00	44.00	⁹⁷⁴ Incorrectly printed tags attached.				
Analysis	18.40	4.96	10.35	44.00	⁹⁷⁵ Adulterated with fat and ground feathers.				
Analysis	17.45	5.85	9.94	46.64	⁹⁷⁶ Crude fat excessive.				
8-Ball 14% Protein Calf Developer	14.00	2.00	10.00	53.00	⁹⁷⁷ Found, not claimed: rice bran. Obsolete tags attached.				
Analysis ⁹⁸⁰	16.40	3.88	7.88	54.13	⁹⁷⁸ Obsolete tags attached.				
Texonner Alfalfa Products Co., Frederick, Oklahoma					⁹⁷⁹ Found, not claimed: calcium carbonate. Incorrectly printed tags attached.				
Alfalfa Meal	13.00	1.50	33.00	35.00	⁹⁸⁰ Found, not claimed: rice bran, milo gluten feed and soybean meal.				
Analysis ⁹⁸¹	15.50	2.29	27.59	37.66	⁹⁸¹ Infested with mold.				
Analysis	12.90	2.11	33.46	35.05	⁹⁸² Found, not claimed: a trace of cottonseed meal.				
Texophyl Products, Wharton, Texas					⁹⁸³ Found, not claimed: calcium carbonate. Ground corncob excessive.				
17% Protein Dehydrated Alfalfa Meal	17.00	1.50	28.00	35.00	⁹⁸⁴ Found, not claimed: cottonseed meal, traces of pulverized oats, alfalfa and wheat bran. Not tagged.				
Analysis	16.80	2.90	21.32	40.30	⁹⁸⁵ Not made according to registered formula. Not tagged but tags furnished.				
Thompson's Feed & Farm Supply, Donna, Texas					⁹⁸⁶ Found, not claimed: cottonseed meal and milo gluten feed.				
15% Protein Cow Feed	15.00	3.00	9.00	50.00	⁹⁸⁷ Found, not claimed: Milo gluten feed and cottonseed meal. Claimed, not found: rice bran and brewers' dried grains.				
Analysis	17.40	3.09	8.41	50.95	⁹⁸⁸ Not made according to registered formula. Obsolete tags attached.				
Thompson's Fresh Maid Brand 16% Protein Dairy Feed	16.00	3.00	10.50	48.00					
Analysis	19.10	3.70	8.09	51.84					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Three-Way Grain & Seed Company Georgetown, Texas—Continued					Tri Foods Co., Concordia, Missouri				
Three-Way 20% Protein Range Pellets	20.00	2.00	9.00	44.00	Concordia Brand Dried Whey	12.00	0.10	1.00	70.00
Analysis ⁹⁸⁹	20.60	3.11	11.42	46.58	Analysis ⁹⁹⁴	12.20	.17	.26	73.00
Analysis ⁹⁸⁹	21.00	3.63	9.91	47.77	Troup Feed & Farm Supply, Troup, Texas				
Three-Way 40% Protein Swine Supplement	40.00	4.50	8.50	16.00	16% Protein Dairy Feed	16.00	3.00	15.00	45.00
Analysis	39.55	5.82	7.94	20.51	Analysis ¹⁰⁰⁰	16.10	3.42	10.82	51.00
Analysis	40.40	6.32	7.55	21.04	14% Protein Hog Feed	14.00	2.70	7.50	57.00
Three-Way 16% Protein Dairy Feed	16.00	3.00	10.00	48.50	Analysis ¹⁰⁰⁰	17.90	3.06	6.63	55.00
Analysis	15.75	3.10	11.20	52.43	Special Calf Feed	13.00	3.00	11.00	54.00
Three-Way Lucky Brand 18% Protein Lay Mash	18.00	4.00	8.00	48.50	Analysis ¹⁰⁰⁰	16.00	6.05	14.85	44.00
Analysis ⁹⁹⁰	20.43	4.20	6.48	48.49	Tyco Feed Co., Woodville, Texas				
Tindall & Son Cotton Oil Mill, J. M. Twitty, Texas					Tyco Brand 18% Protein Dairy Feed	18.00	3.50	12.00	45.00
Tiger Brand 41% Protein Coarsely Ground Cottonseed Meal	41.00	5.00	12.00	25.00	Analysis ¹⁰⁰¹	19.30	3.96	9.78	44.00
Analysis ⁹⁹¹	35.80	4.72	17.30	30.85	Analysis ¹⁰⁰²	19.20	5.28	11.09	45.00
Tiger Brand 41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00	Tyco Big 4 Brand Mixed Feed	13.00	3.00	18.50	45.00
Analysis	35.30	4.92	16.60	33.31	Analysis ¹⁰⁰¹	14.40	3.11	16.74	46.20
Analysis	33.50	4.31	11.73	40.30	Tyco 2 & 1 Brand Mixed Feed	16.00	2.00	33.00	34.00
Analysis	34.65	4.62	18.45	31.56	Analysis	15.90	2.19	32.24	37.00
Analysis	38.60	4.34	16.10	29.90	Tyco 80-20 Brand Mixed Feed	11.40	1.50	38.00	37.00
Analysis	33.20	3.13	18.18	34.65	Analysis	10.00	1.32	34.48	40.00
Analysis	32.35	4.87	16.75	33.71	Tyler Feed & Seed Co., Tyler, Texas				
Analysis	33.10	5.04	15.14	34.50	Smith County Special Brand 18% Protein Dairy Feed	18.00	3.00	12.00	43.00
Tiger Brand 41% Protein Cottonseed Pellets	41.00	5.00	12.00	25.00	Analysis	20.40	3.07	10.52	46.00
Analysis	34.80	7.59	17.55	27.11	Analysis	18.00	3.87	11.38	48.00
Analysis	32.90	4.31	18.89	32.49	Smith County Special All-In-One Brand 20% Protein Mineral Supplement	20.00	2.70	5.00	20.00
Analysis	34.00	4.33	18.26	31.94	Analysis ¹⁰⁰³	19.10	2.83	4.25	24.00
28% Protein Whole-pressed Cottonseed Pellets	28.00	6.00	23.00	29.00	Smith County Brand 36% Protein Hog Supplement	36.00	3.80	12.00	21.00
Analysis	32.20	4.57	19.25	32.53	Analysis ¹⁰⁰⁴	32.90	4.44	8.43	25.00
Tobian Co., Louis, Dallas, Texas					Analysis ¹⁰⁰⁵	41.20	3.71	9.14	23.00
41% Protein Cracked Cottonseed Cake	41.00	4.00	12.00	25.00	Tyrell Rice Milling Co., Beaumont, Texas				
Analysis	40.30	5.73	13.27	25.25	Rice Brand Containing Precipitated Carbonate of Lime	11.00	10.00	15.00	42.00
"Navy Brand" 41% Protein Cottonseed Meal	41.00	4.00	12.00	25.00	Analysis	12.05	12.69	12.81	37.00
Analysis ⁹⁹²	39.20	7.63	12.38	27.21	Umbarger Co-Op Elevator, Umbarger, Tex.				
Analysis	38.10	6.19	14.44	28.32	Smiling Farmer Laying Mash	19.00	3.00	7.00	49.00
Analysis ⁹⁹²	40.40	5.27	11.63	27.46	Analysis	21.60	4.63	5.50	51.00
Analysis ⁹⁹⁴	41.40	5.28	10.75	28.24	Uncle Johnny Mills, Houston, Texas				
Analysis ⁹⁹⁴	42.40	5.16	11.07	27.03	Ground Oat Screenings	11.00	2.50	22.00	38.00
Analysis	42.40	4.30	12.56	28.12	Analysis	11.00	2.57	11.51	57.00
Analysis ⁹⁹⁵	41.70	6.16	11.26	27.29	20% Protein Dehydrated Alfalfa Meal	10.70	3.29	12.02	56.00
Analysis	41.00	4.55	13.18	27.82	Analysis	20.00	2.00	22.00	38.00
41% Protein Solvent Extracted Cottonseed Meal	41.00	0.50	13.00	25.00	Analysis	21.60	2.58	19.51	35.00
Analysis	42.60	4.25	12.99	28.81	Uncle Johnny's Ulika Brand 18% Protein Dairy Feed	18.00	3.00	10.00	46.00
Analysis	41.00	.66	13.70	30.94	Analysis ¹⁰⁰⁶	18.30	3.91	8.55	48.40
44% Protein Solvent Process Soybean Meal	44.00	0.50	6.00	31.00	Analysis ¹⁰⁰⁶	19.40	3.20	8.60	45.70
Analysis	44.00	0.91	6.46	32.24	Feeder's Friend Brand Laying Mash	20.00	3.50	8.00	44.00
Tonkawa Dehydrated & Products Co., The Tonkawa, Oklahoma					Analysis ¹⁰⁰⁰	19.90	3.65	7.79	47.00
Dehydrated Alfalfa Meal	17.00	1.50	28.00	35.00	Analysis ¹⁰⁰⁸	21.95	4.55	7.91	45.80
Analysis ⁹⁹⁶	24.00	3.03	19.97	34.41	Analysis ⁹⁹⁵	22.95	5.80	6.81	44.00
Tornillo Cotton Oil Co., Tornillo, Texas					Feeder's Friend Brand Slop Mix	14.00	3.00	8.00	52.00
41% Protein Cottonseed Meal	41.00	4.00	13.00	25.00	Analysis	16.00	8.16	8.00	49.14
Analysis	39.00	9.86	9.35	28.00	Satisfaction Brand Laying Mash	20.00	3.00	6.50	47.00
Analysis	40.20	4.46	11.52	29.69	Analysis	20.80	4.05	6.33	46.11
Analysis	39.00	5.28	11.42	31.09	Satisfaction Brand 14% Protein Hog Ration	14.00	3.50	6.50	53.50
Analysis	41.60	5.66	11.04	30.04	Analysis	16.90	6.96	6.03	50.84
Traders Oil Mill Co., Fort Worth, Texas					Uncle Johnny's Egaday HI-NRG Brand Broiler Feed	20.00	2.50	4.50	52.00
Traders' 41% Protein Cottonseed Meal	41.00	4.00	13.00	25.00	Analysis	21.25	2.97	5.05	53.00
Analysis	41.30	5.23	12.11	28.27	Uncle Johnny's Egaday Brand H-R Broiler Feed	21.00	3.00	4.00	52.00
Analysis	41.50	4.69	12.99	28.06	Analysis	22.50	3.65	4.65	52.80
Analysis	40.00	8.09	9.98	28.60	Analysis ⁹⁹⁵	21.80	3.41	3.87	54.50
Analysis	44.20	4.34	10.84	25.92	Footnotes:				
Analysis	40.40	6.27	13.85	24.91	⁹⁸⁸ Not made according to registered formula. Obsolete tags attached.				
Analysis	42.60	5.41	11.54	27.29	⁹⁸⁹ Obsolete tags attached.				
Analysis ⁹⁹⁷	42.00	4.55	14.32	28.11	⁹⁹¹ Lint excessive.				
Analysis ⁹⁹⁷	41.00	4.57	15.36	28.25	⁹⁹² Refund paid.				
Kowlyk Mixed Feed	11.80	1.70	38.00	36.00	⁹⁹⁴ Not tagged but tags furnished.				
Analysis	9.15	.65	34.78	40.84	⁹⁹⁵ Incorrectly printed tags attached.				
Analysis	11.90	1.20	33.57	40.67	⁹⁹⁶ Not registered.				
Analysis	11.90	1.72	35.34	37.36	⁹⁹⁷ Lint excessive.				
Trainer Feed & Supply Store, Mertzon, Tex.					⁹⁹⁸ Found, not claimed: bone meal.				
Trainer's 20% Protein Dairy Feed	20.00	3.30	11.00	45.00	¹⁰⁰⁰ Not made according to registered formula.				
Analysis ⁹⁹⁸	21.90	3.81	10.67	45.70	¹⁰⁰¹ Found, not claimed: chipped rice.				
Trainer's 17% Protein Growing Mash	17.00	3.50	6.00	49.50	¹⁰⁰² Found, not claimed: pea meal.				
Analysis	18.30	4.69	4.42	54.70	¹⁰⁰³ Maximum salt guaranteed 25.0%, found 25.8%. Found, not claimed: corn gluten feed.				
Trico Feed Mills, Minden, Nebraska					¹⁰⁰⁴ Calcium carbonate and salt excessive.				
17% Protein Dehydrated Alfalfa Meal	17.00	1.50	27.00	35.00	¹⁰⁰⁵ Found, not claimed: meat and bone scraps and poultry by-product meal.				
Analysis ⁹⁹⁴	19.40	2.78	24.88	34.71	¹⁰⁰⁶ Found, not claimed: rice bran.				
Analysis ⁹⁹⁴	17.70	2.68	25.29	36.55	¹⁰⁰⁸ Found, not claimed: ground vetch pea and other weedseeds.				
Analysis ⁹⁹⁴	17.80	3.36	24.56	35.61					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Uncle Johnny Mills, Houston, Texas					Universal Mills, Fort Worth, Texas				
—Continued					—Continued				
Uncle Johnny's Egaday Brand Broiler Finisher	18.00	3.00	4.50	54.00	Red Chain Wa-Mo Brand 36% Protein Supplement For Hogs	36.00	5.00	7.50	30.00
Analysis	20.00	4.89	5.20	53.72	Analysis	36.60	5.02	8.66	23.66
Uncle Johnny's Egaday Brand Growing Feed	18.00	3.50	6.50	50.00	Analysis ¹⁰²⁰	37.00	3.88	10.65	25.86
Analysis	20.00	3.60	5.87	49.46	Red Chain Pig and Sow Feed	18.00	3.00	6.00	50.00
Analysis	18.65	3.75	5.83	53.74	Analysis	18.60	3.97	5.49	54.92
Uncle Johnny's Egaday Brand H-R All-Mash Growing Feed	18.00	2.50	4.50	54.00	Red Chain Broiler Concentrate	38.00	4.00	6.00	35.00
Analysis	20.10	2.88	3.67	56.84	Analysis	39.50	4.34	6.00	26.32
Uncle Johnny's Egaday Brand Laying Feed	20.00	3.50	6.50	48.00	Red Chain Broiler Starter	22.00	4.00	4.00	54.00
Analysis	20.70	3.67	6.48	49.07	Analysis	22.70	3.30	2.98	52.67
Analysis ¹⁰²²	20.65	3.87	5.80	51.66	Red Chain Turkey Developer	21.00	4.00	6.00	52.00
Analysis	19.60	4.34	5.38	57.02	Analysis	22.00	3.68	6.64	53.45
Uncle Johnny's Egaday Brand Starter Feed	20.00	3.50	6.00	50.00	Red Chain Vita Brand Range Feed Nuggets	20.00	3.50	8.00	52.00
Analysis	21.20	3.59	5.53	51.55	Analysis ¹⁰²¹	21.50	3.78	7.03	51.16
Analysis	22.00	3.54	5.68	51.13	Analysis ¹⁰²²	21.00	2.95	8.92	43.96
Analysis	21.30	3.77	5.10	53.50	Red Chain Vita Green Brand Nuggets	18.00	3.50	7.00	50.00
Uncle Johnny's Egaday Brand Turkey Starter Feed	28.00	3.00	6.00	41.00	Analysis	19.10	3.55	5.90	52.08
Analysis	28.00	3.30	4.61	45.60	Analysis	21.30	3.75	5.72	50.92
Uncle Johnny's Feedaday Brand 20% (Equivalent) Protein Range Cubes ^{U1010}	20.00	2.50	8.00	48.00	Red Chain Hi-Pro Brand Breeder Egg Mash	20.00	3.50	6.00	54.00
Analysis ¹⁰¹¹	21.60	6.51	9.41	42.64	Analysis	21.20	3.55	6.00	52.22
Uncle Johnny's Milkaday Brand 18% Protein Dairy Feed	18.00	3.00	10.00	46.00	Universal Bib U 32% (Equivalent) Protein Cattle Supplement ¹⁰²³	32.00	3.00	8.00	52.00
Analysis ¹⁰¹²	18.25	3.40	10.44	47.98	Analysis ¹⁰²⁴	33.90	3.11	8.63	40.44
Analysis ¹⁰¹³	19.20	3.25	9.18	45.49	Analysis ¹⁰²⁵	33.10	4.11	8.76	38.72
Analysis	19.20	3.10	8.14	48.36	Analysis ¹⁰²⁶	33.25	3.00	9.00	39.19
Union Oil Mills, Hubbard, Texas					Universal Drouth Emergency 20% (Equivalent) Protein Range Feed C & W ¹⁰²⁷	20.00	2.50	4.00	58.00
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00	Analysis ¹⁰²⁸	22.00	2.60	2.40	59.35
Analysis	40.70	6.31	14.26	27.00	Universal Drouth Emergency 16% (Equivalent) Protein Range Feed No. 75 ¹⁰²⁹	16.00	2.50	6.00	50.00
Analysis	45.45	6.63	9.62	25.17	Analysis ¹⁰³⁰	21.00	3.70	4.90	56.47
Analysis	43.20	7.83	10.92	26.58	Analysis ¹⁰³¹	21.10	2.85	3.95	56.49
41% Protein Cottonseed Pellets	41.00	5.00	12.00	25.00	Analysis ¹⁰³²	20.90	2.93	4.19	55.18
Analysis	40.60	6.35	13.41	26.17	U. S. Industrial Chemical Co.				
Union Oil Mill, Inc., The West Monroe, La.					Div. of Natl. Distillers Products Corp., New York, New York				
41% Protein Solvent Process Cottonseed Meal	41.00	0.50	13.00	25.00	Curbay B-G Brand Dried Molasses Fermentation Solubles	9.00	0.10	1.00	50.00
Analysis ¹⁰¹⁴	38.50	1.58	13.58	31.04	Analysis	9.35	3.19	.40	47.05
Analysis ¹⁰¹⁴	40.50	2.14	13.33	30.87	Uvalde Feed Mills, Uvalde, Texas				
Universal Mills, Fort Worth, Texas					Valco 16% Protein Dairy Feed	16.00	3.00	11.00	45.00
Wheat Gray Shorts and Screenings	16.00	3.50	6.00	55.00	Analysis	16.90	3.71	11.74	48.78
Analysis ¹⁰¹⁵	17.40	3.58	7.33	55.04	Valcar Enterprises, Inc., Dallas By-Products Div., Dallas, Texas				
Universal 20% Protein Lay Mash	20.00	3.50	7.50	50.00	Golden Brand Special 50% Protein Solvent Extracted Meat and Bone Scraps	50.00	3.00	3.00	0.00
Analysis	20.30	3.86	5.57	50.43	Analysis ¹⁰³³	47.10	3.60	3.00	5.60
Analysis	21.20	4.06	5.34	46.24	Analysis ¹⁰³⁴	50.00	5.64	2.92	.66
Analysis ¹⁰¹⁵	20.50	3.96	5.52	51.18	Analysis ¹⁰³⁴	50.00	5.36	3.74	.81
Blue Chain Lay Mash	20.00	3.00	7.50	48.00	Analysis ¹⁰³⁵	49.40	4.68	2.55	3.96
Analysis ¹⁰¹⁶	20.65	3.00	5.77	48.97	Analysis ¹⁰³⁴	50.00	5.03	2.66	3.25
Red Chain Breeder Egg Mash	18.00	3.50	6.00	54.00	Analysis ¹⁰³⁴	51.40	4.42	3.00	2.92
Analysis	18.90	3.80	7.06	53.22	¹⁰¹⁰ Guaranty includes 6.55% equivalent protein from 2.25% urea.				
Red Chain Chick Starter	20.00	3.50	5.00	52.00	¹⁰¹³ Analysis includes 6.90% equivalent protein from 2.37% urea. Claimed, not found: soybean meal.				
Analysis	21.10	3.55	4.63	52.66	¹⁰¹² Test of strychnine, arsenic and lead negative.				
Analysis	23.40	3.58	5.05	49.76	¹⁰¹³ Found, not claimed: rice bran and corn gluten feed.				
Analysis	21.40	3.55	4.99	51.70	¹⁰¹⁴ Not tagged.				
Analysis	22.20	3.53	4.96	52.90	¹⁰¹⁵ Not made according to registered formula.				
Red Chain Dryco Brand Dry and Freshening Feed	12.50	3.00	11.00	53.00	¹⁰¹⁶ Found, not claimed: fish meal.				
Analysis ¹⁰¹⁵	15.20	3.24	11.56	53.61	¹⁰¹⁷ Claimed, not found: soybean meal.				
Red Chain 16% Protein Dairy Feed	16.00	3.00	9.00	53.00	¹⁰¹⁸ Found, not claimed: corn gluten feed.				
Analysis	17.05	3.19	11.79	47.91	¹⁰¹⁹ Found, not claimed: fish meal and bone meal. Incorrectly printed tags attached.				
Analysis	19.50	3.01	10.71	50.42	¹⁰²⁰ Found, not claimed: fish meal.				
Analysis ¹⁰¹⁶	17.45	3.09	11.74	42.82	¹⁰²¹ Claimed, not found: soybean meal and linseed meal. Incorrectly printed tags.				
Analysis	18.00	3.05	8.82	51.43	¹⁰²² Incorrectly printed tags attached.				
Analysis	17.20	2.88	12.46	49.24	¹⁰²³ Guaranty includes 9.82% equivalent protein from 3.37% urea.				
Red Chain 18% Protein Dairy Feed	18.00	3.00	9.00	49.00	¹⁰²⁴ Analysis includes 7.65% equivalent protein from 2.63% urea. Found, not claimed: corn gluten feed and grain sorghum gluten feed. Incorrectly printed tags attached.				
Analysis ¹⁰¹⁷	19.00	3.23	8.67	50.58	¹⁰²⁵ Analysis includes 6.75% equivalent protein from 2.32% urea. Found, not claimed: grain sorghum gluten feed, corn gluten feed and soybean meal. Incorrectly printed tags attached.				
Analysis ¹⁰¹⁶	19.10	3.30	10.34	47.68	¹⁰²⁶ Analysis includes 5.10% equivalent protein from 1.75% urea. Found, not claimed: linseed meal and grain sorghum gluten feed.				
Analysis	19.10	3.08	10.81	49.26	¹⁰²⁷ Guaranty includes 5.88% equivalent protein from 2.02% urea.				
Analysis ¹⁰¹⁸	22.20	3.21	9.25	45.93	¹⁰²⁸ Analysis includes 5.45% equivalent protein from 1.87% urea.				
Red Chain Egg Mash	20.00	3.50	6.00	50.00	¹⁰²⁹ Guaranty includes 5.24% equivalent protein from 1.80% urea.				
Analysis	22.65	4.03	6.19	49.80	¹⁰³⁰ Analysis includes 5.95% equivalent protein from 2.05% urea.				
Red Chain Fine-Finish Brand Fattener	13.00	4.00	5.30	61.00	¹⁰³¹ Analysis includes 6% equivalent protein from 2.06% urea.				
Analysis ¹⁰¹⁹	16.00	4.17	7.59	56.58	¹⁰³² Analysis includes 5.50% equivalent protein from 1.89% urea.				
Red Chain Gro-Mo	20.00	3.50	6.00	50.00	¹⁰³³ Found, not claimed: ground feathers and refund paid.				
Analysis	21.00	3.56	4.59	53.84	¹⁰³⁴ Misbranded: sample is meat and bone scraps and poultry by-product meal.				
Analysis	20.80	3.53	5.17	51.65	¹⁰³⁵ Found, not claimed: poultry by-product meal and defluorinated phosphate. Refund paid.				
Red Chain Broiler Gro-Fat Mash (Available in Granules)	20.00	4.00	4.00	54.00					
Analysis	22.50	3.77	3.84	53.97					
Red Chain Broiler Gro-Fat Mash	20.00	4.00	4.00	54.00					
Analysis	20.50	8.13	3.89	49.93					
Red Chain Broiler Gro-Fat Granulated	20.00	4.00	4.00	54.00					
Analysis	21.00	3.32	5.47	52.42					
Red Chain Alcomo Horse and Mule Feed	10.00	3.50	8.00	60.00					
Analysis	10.10	4.41	6.34	67.03					
Red Chain Bulky Alcomo Brand Feed	9.50	3.50	11.00	50.00					
Analysis	10.10	4.37	7.99	65.25					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Valcar Enterprises, Inc., Dallas By-Products Div., Dallas, Texas—Continued					Weinmann Milling Company, J. F. Little Rock, Arkansas				
Golden Brand 60% Protein Digester Tankage.....	60.00	3.00	3.00	0.00	Peerless Brand Broiler Mash.....	21.00	3.50	5.00	48.00
Analysis ¹⁰³⁴	55.60	6.45	1.84	1.60	Analysis ¹⁰⁴⁶	22.90	3.30	4.70	50.00
Valley Co-Op Oil Mill, Harlingen, Texas					Peerless Brand Broiler Mash—Containing Nirtophenide.....	21.00	3.50	5.00	48.00
Valco 41% Protein Cottonseed Meal.....	41.00	4.00	13.00	25.00	Analysis.....	21.00	3.96	4.94	51.00
Analysis.....	40.07	4.45	12.20	29.60	Weimar Oil Mill, Weimar, Texas				
Analysis ¹⁰³⁶	39.70	4.03	13.53	27.19	41% Protein Cottonseed Cake.....	41.00	5.00	12.00	25.00
Analysis.....	41.00	4.37	13.20	29.22	Analysis.....	40.10	7.42	10.88	27.00
Analysis ¹⁰³⁶	38.60	3.91	13.35	30.39	Analysis.....	41.60	6.20	11.90	26.00
Analysis.....	41.65	4.13	13.81	28.10	41% Protein Cottonseed Meal.....	41.00	5.00	12.00	25.00
Analysis.....	43.30	4.07	12.40	27.80	Analysis.....	40.30	6.76	12.77	27.00
Analysis ¹⁰³⁶	41.30	4.07	12.75	28.90	Analysis.....	41.40	6.84	12.67	26.00
Analysis.....	41.50	4.26	13.68	28.85	Welch Grain Co., Dalhart, Texas				
Valley Star Seed & Grain Products Co. San Juan, Texas					Welch's 20% Protein Cattle Feed Cubes	20.00	3.30	7.00	50.00
Valley Star Special Mixed Feed.....	21.00	3.50	15.50	40.00	Analysis.....	21.25	2.20	6.67	52.00
Analysis ¹⁰³⁷	22.70	8.73	12.92	39.98	Welch's 17% Protein Dairy Feed.....	17.00	2.70	9.50	49.00
Val-Tex, Inc., Brownsville, Texas					Analysis ¹⁰⁴⁷	19.20	2.84	6.24	52.00
Val-Tex 41% Protein Cottonseed Meal.....	41.00	5.00	13.00	25.00	Special Formuls No. 1.....	19.00	3.00	6.50	55.00
Analysis.....	42.00	6.06	11.43	27.72	Analysis.....	21.15	2.30	5.29	56.00
Varisco Alfalfa Mill, Joe, Bryan, Texas					Wendland Grain Co., Temple, Texas				
Dehydrated Alfalfa Leaf Meal.....	20.00	2.50	18.00	40.00	41% Protein Cottonseed Meal.....	41.00	5.00	13.00	25.00
Analysis.....	20.70	3.40	16.82	41.26	Analysis ¹⁰⁴¹	41.00	5.02	13.00	24.00
Vegetable Oil Products Company, Inc. Gilbert, Arizona					Sweeto Sweet Feed—Screenings, Peanut Hulls, Molasses, Rice Hulls, Milo, Corn, Cottonseed Meal, Calcium Carbonate and Salt.....	8.00	2.50	20.00	48.00
Sun Ripe Brand 41% Protein Cottonseed Meal.....	41.00	3.00	14.00	25.00	Analysis.....	8.50	2.60	23.08	42.00
Analysis ¹⁰³⁸	42.65	4.88	12.07	28.46	Make-Mo Brand 18% Protein Dairy Feed.....	18.00	2.70	8.50	49.00
Veit Feed Store, Westhoff, Texas					Analysis.....	21.10	2.95	8.03	49.00
Veit's Broiler Mash.....	20.00	3.50	8.00	49.00	E-KO 20% Protein Laying Mash.....	20.00	3.00	5.00	45.00
Analysis.....	19.40	4.53	7.50	51.51	Analysis.....	24.25	3.20	4.76	46.00
Veit's Laying Mash.....	18.00	3.50	7.00	46.00	E-KO 20% Protein Baby Chick Starter	20.00	3.00	6.00	50.00
Analysis ¹⁰³⁹	19.20	3.90	7.00	53.57	Analysis.....	22.50	3.38	4.45	50.00
Veit's Hog Feed.....	17.00	3.00	6.50	53.50	Western Cottonoil Co., Div. of Anderson, Clayton & Co. (Inc.) Abilene, Texas				
Analysis.....	18.80	4.20	7.03	53.14	Paymaster Brand 41% Protein Cottonseed Pellets.....	41.00	5.00	13.00	25.00
Vernon Oil Mill, Vernon, Texas					Analysis.....	41.00	8.94	12.19	22.00
80-20 Mixed Feed.....	11.40	0.50	38.00	37.00	Paymaster Brand 41% Protein Cottonseed Meal (Expeller Type).....	41.00	4.00	13.00	25.00
Analysis.....	14.20	1.33	33.54	39.99	Analysis.....	38.60	2.76	14.36	28.00
Vernon Sweet Feed Mill, Vernon, Texas					Analysis ¹⁰⁴¹	41.20	4.30	13.46	28.00
Middlebrooks 13% Protein Alfalfa Meal	13.00	1.50	33.00	35.00	Paymaster Brand 41% Protein Solvent Extracted Cottonseed Meal.....	41.00	0.50	13.00	26.00
Analysis ¹⁰⁴⁰	14.60	2.29	27.47	32.68	Analysis.....	39.80	1.30	15.26	29.80
Analysis ¹⁰⁴¹	15.00	1.90	30.50	32.19	Analysis.....	43.15	2.01	12.92	28.60
Analysis.....	19.55	1.90	20.96	38.03	Analysis.....	41.00	1.57	10.24	33.10
Middlebrook's 13% Protein Alfalfa Pellets.....	13.00	1.50	33.00	35.00	Analysis.....	43.00	1.26	13.21	28.80
Analysis ¹⁰⁴²	17.73	1.58	20.38	37.42	Analysis.....	41.40	1.12	12.96	29.30
Middlebrook's Alfalfa, Molasses, and Salt	10.00	1.00	26.00	32.00	Analysis.....	42.60	1.18	12.11	29.37
Analysis.....	16.40	2.34	16.09	42.32	Analysis.....	40.90	1.05	15.19	30.40
Middlebrook's 16% Protein Dairy Feed	16.00	3.00	15.00	48.00	Paymaster Brand Cottonseed Hulls, Cottonseed Meal, and Cane Molasses.....	11.00	0.50	38.00	37.00
Analysis ¹⁰⁴⁰	18.00	2.47	11.26	49.42	Analysis.....	12.60	.60	32.03	42.00
Waco Alfalfa Dehydrating Co., Inc. Waco, Texas					20% (Equivalent) Protein Drought Emergency Mixed Feed ¹⁰⁴⁹	20.00	2.50	7.00	50.00
17% Protein Dehydrated Alfalfa Meal.....	17.00	2.00	28.00	40.00	Analysis ¹⁰⁵⁰	21.80	2.66	4.74	59.70
Analysis.....	13.90	2.38	23.21	41.85	Analysis ¹⁰⁵¹	22.50	2.56	4.95	58.35
Analysis ¹⁰⁴¹	23.70	3.15	18.06	36.85	Analysis ¹⁰⁵²	21.40	2.92	5.61	58.80
17% Protein Dehydrated Alfalfa Meal.....	17.00	2.00	27.00	40.00	16% Protein Drought Emergency Mixed Feed.....	16.00	2.50	6.00	56.00
Analysis ¹⁰⁴³	17.10	2.54	21.96	38.47	Analysis ¹⁰³⁷	18.70	2.86	5.37	56.18
Ward Hatchery, Inc., Cuero, Texas					Analysis.....	17.25	2.55	5.57	58.92
Ward's Big W 20% Protein Broiler Mash	20.00	2.50	4.50	51.00	¹⁰³⁴ Misbranded: sample is meat and bone scraps and poultry by-product meal.				
Analysis ¹⁰⁴⁴	21.20	3.82	3.84	53.21	¹⁰³⁶ Lint excessive.				
Ward's Big W 20% Protein Laying Mash	20.00	3.00	7.50	49.00	¹⁰³⁷ Not made according to registered formula.				
Analysis ¹⁰⁴⁴	21.50	3.08	6.86	51.36	¹⁰³⁸ Sampled before registration.				
Ward Milling Co., Lubbock, Texas					¹⁰³⁹ Found, not claimed: corn gluten meal, dried skimmed milk and soybean meal.				
Ward's 16% Protein Dairy Feed.....	16.00	3.00	11.00	49.00	¹⁰⁴⁰ Infested with mold.				
Analysis ¹⁰⁴¹	16.50	3.03	7.26	56.21	¹⁰⁴¹ Not tagged but tags furnished.				
Gregory's 16% Protein Dairy Feed.....	16.00	3.00	8.50	51.00	¹⁰⁴² Obsolete tags attached.				
Analysis.....	16.30	3.01	7.54	56.35	¹⁰⁴³ Misbranded: sample is a mixture of dehydrated alfalfa meal, sorghum plants, cereal grasses, molasses and weed plants. Incorrectly printed tags attached.				
Warnken & Son, A. D., Poth, Texas					¹⁰⁴⁴ Incorrectly printed tags attached.				
41% Protein Peanut Meal.....	41.00	5.00	12.00	25.00	¹⁰⁴⁶ Claimed, not found: nitrofurazone. Found, not claimed: defluorinated phosphate.				
Analysis.....	40.20	8.44	12.62	25.28	¹⁰⁴⁷ Found, not claimed: corn meal and ground oats. Claimed, not found: linseed meal.				
Warren Feed & Grain Co., Fort Worth, Tex.					¹⁰⁴⁹ Guaranty includes 6.55% equivalent protein from 2.25% urea.				
17% Protein Dehydrated Alfalfa Meal.....	17.00	1.50	28.00	40.00	¹⁰⁵⁰ Analysis includes 6% equivalent protein from 2.06% urea. Microestimation: corn meal 48.20%.				
Analysis ¹⁰⁴⁵	18.30	2.85	22.27	36.62	¹⁰⁵¹ Analysis includes 5.65% equivalent protein from 1.94% urea.				
Analysis ¹⁰⁴⁵	20.70	2.40	22.09	35.58	¹⁰⁵² Analysis includes 5.75% equivalent protein from 1.98% urea. Found, not claimed: meat and bone scraps and fish meal. Microestimation: corn meal 48.93%.				
Analysis.....	21.00	3.56	24.32	34.84					
Warren & Wilcox, Fort Worth, Texas									
41% Protein Soybean Meal.....	41.00	3.50	6.00	30.00					
Analysis ¹⁰⁴⁵	43.95	5.19	6.00	30.59					
Watson M., Mart, Texas									
Chowmix All-Mash Laying Ration.....	15.00	3.50	7.00	50.00					
Analysis.....	16.00	3.76	3.16	61.20					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Western Cottonoil Co., Div. of Anderson, Clayton & Co. (Inc.), Abilene, Texas —Continued					Western Cottonoil Co., Div. of Anderson, Clayton & Co. (Inc.), El Paso, Texas —Continued				
Paymaster Reserve Brand 20% Protein Layer	20.00	3.00	7.50	50.00	Paymaster Brand 41% Protein Cottonseed Pellets	41.00	5.00	13.00	25.00
Analysis ¹⁰⁵³	22.40	4.76	6.84	48.24	Analysis	41.50	5.82	11.34	29.75
Paymaster Brand Dairy Pellets	16.00	2.50	10.00	52.00	Western Cottonoil Co., Div. of Anderson, Clayton & Co. (Inc.) Las Cruces, New Mexico				
Analysis ¹⁰⁵³	18.60	2.70	9.02	51.42	Paymaster Brand 41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00
Paymaster Reserve Brand 16% Protein Dairy Feed Pellets	16.00	3.00	12.00	48.00	Analysis	41.40	4.75	10.19	26.37
Analysis ¹⁰⁵³	18.20	1.70	14.51	45.60	Western Cottonoil Co., Div. of Anderson, Clayton & Co. (Inc.), Lubbock, Tex.				
Paymaster Brand Layer	20.00	2.50	6.50	48.50	Paymaster Brand 41% Protein Solvent Extracted Cottonseed Meal	41.00	0.50	13.00	26.00
Analysis ¹⁰⁵³	22.00	3.60	4.24	51.37	Analysis	39.60	.85	12.78	33.51
Analysis	20.55	3.81	6.47	49.26	Analysis	41.20	.83	13.00	31.20
Analysis	21.70	3.70	5.28	49.14	Analysis	42.20	1.06	11.86	29.98
Analysis	21.00	4.26	5.02	49.46	Analysis	41.00	1.16	11.66	32.28
16% Protein Drought Emergency Mixed Feed No. 2	16.00	2.50	6.00	56.00	Analysis	41.00	1.24	12.97	31.02
Analysis ¹⁰⁵⁴	16.50	2.69	5.56	59.65	Analysis	42.80	1.37	11.84	29.68
Analysis ¹⁰⁵⁵	15.15	3.19	4.59	61.47	Analysis	42.00	1.35	12.35	29.67
20% (Equivalent) Protein Drought Emergency Mixed Feed No. 2 ¹⁰⁵⁶	20.00	2.50	7.00	50.00	Analysis ¹⁰⁶²	42.10	1.57	13.00	23.92
Analysis ¹⁰⁵⁷	21.60	3.37	4.63	60.55	Analysis	43.20	1.21	10.67	30.27
Paymaster Brand Chick Grower	17.00	2.50	7.00	52.00	Western Cottonoil Co., Div. of Anderson, Clayton & Co. (Inc.), Memphis, Tex.				
Analysis ¹⁰⁵⁸	19.80	4.16	4.09	50.36	Paymaster Brand 41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00
Paymaster Brand All-Mash Layer	15.50	2.50	6.00	56.00	Analysis	42.60	7.08	10.61	26.00
Analysis ¹⁰⁵⁹	17.50	3.98	5.78	55.49	Analysis	43.00	6.14	10.42	26.50
Analysis	18.00	3.65	4.63	56.11	Analysis	41.55	5.46	12.93	26.66
Paymaster Brand 32% Protein Poultry Supplement	32.00	2.50	9.00	32.00	Paymaster Brand 80-20 Mixed Feed	11.40	1.70	37.50	35.00
Analysis	31.88	3.89	9.60	33.49	Analysis	8.80	1.02	35.71	53.05
Analysis	32.00	4.53	6.55	34.29	Western Cottonoil Co., Div. of Anderson, Clayton & Co. (Inc.), Pecos, Texas				
Paymaster Brand Creep Feed	13.00	2.50	7.00	58.00	Paymaster Brand 41% Protein Solvent Extracted Cottonseed Meal	41.00	0.50	13.00	26.00
Analysis	13.10	3.41	4.36	59.82	Analysis	38.50	2.01	13.96	31.36
Analysis	19.60	2.77	9.10	48.92	Analysis	41.40	1.78	11.15	31.04
Paymaster Brand 16% Protein Dairy Feed	16.00	2.50	10.00	53.50	Analysis ¹⁰⁶³	38.80	.56	12.78	32.96
Analysis	17.70	2.82	9.22	51.12	Analysis	41.00	.85	12.21	28.73
Analysis ¹⁰⁶⁰	15.70	3.47	8.40	54.35	Western Cottonoil Co., Div. of Anderson, Clayton & Co. (Inc.) San Angelo, Texas				
Paymaster Brand 18% Protein Dairy Feed	18.00	2.50	10.00	51.00	Paymaster Brand 41% Protein Cottonseed Pellets	41.00	5.00	13.00	25.00
Analysis	21.40	3.10	8.44	48.42	Analysis	40.50	3.67	12.34	29.09
Paymaster Brand 36% Protein Hog Supplement	36.00	2.00	10.00	26.00	Western Cotton Products Co., Div. of Western Cottonoil Co., Phoenix, Arizona				
Analysis	36.30	3.97	9.21	26.31	Paymaster 41% Protein Solvent Extracted Cottonseed Meal	41.00	0.50	13.00	25.00
Analysis ¹⁰⁵⁹	37.40	4.24	8.41	26.78	Analysis	40.00	4.06	13.06	27.86
Paymaster Brand 40% Protein Hog Supplement	40.00	2.00	8.00	23.00	Analysis ¹⁰⁶²	40.40	1.19	13.77	30.02
Analysis	38.80	2.96	7.52	29.18	Western Cottonoil Co., Div. of Anderson, Clayton & Co. (Inc.) San Angelo, Texas				
Analysis	40.50	3.10	7.76	25.17	Paymaster Brand 41% Protein Cottonseed Pellets	41.00	5.00	13.00	25.00
Paymaster Brand Pig and Sow Feed	16.00	3.00	6.00	52.00	Analysis	40.50	3.67	12.34	29.09
Analysis ¹⁰⁶⁰	18.10	3.56	5.44	56.04	Western Cotton Products Co., Div. of Western Cottonoil Co., Phoenix, Arizona				
Paymaster Brand 32% Protein Pig and Sow Supplement	32.00	2.00	12.00	28.00	Paymaster 41% Protein Solvent Extracted Cottonseed Meal	41.00	0.50	13.00	25.00
Analysis ¹⁰⁶⁰	35.28	3.74	10.30	26.90	Analysis	40.00	4.06	13.06	27.86
Paymaster Brand Premium	11.00	2.50	9.00	59.50	Analysis ¹⁰⁶²	40.40	1.19	13.77	30.02
Analysis	13.80	4.03	8.53	54.29	Western Feeders Supply, Fort Worth, Tex.				
Paymaster Brand Premium-Fitting Ration	11.00	2.50	9.00	59.50	41% Protein Cottonseed Pellets	41.00	5.00	12.00	25.00
Analysis	13.00	3.96	7.45	62.84	Analysis ¹⁰⁶⁴	41.40	5.22	11.92	29.34
Analysis ¹⁰⁶¹	14.10	4.24	8.03	57.70	Wes-Tex Grain & Milling Company Plainview, Texas				
Paymaster Brand Special 20% Protein Range Feed	20.00	2.50	9.00	48.00	Arrow Wes-Tex Broiler Feed	21.00	3.00	4.50	55.00
Analysis	22.65	2.00	10.36	45.92	Analysis	21.00	3.22	4.47	56.60
Paymaster Brand 20% Protein Range Feed	20.00	2.50	9.00	49.00	Arrow Wes-Tex Chick Starter All-Mash	18.00	3.00	6.00	54.00
Analysis ¹⁰⁶⁰	23.00	2.54	8.91	44.82	Analysis	19.00	3.59	4.85	57.74
Analysis	21.50	3.10	8.94	48.62	Arrow Wes-Tex Chick Starter	20.00	3.00	6.00	52.00
Paymaster Brand 10% Protein Sweet Feed	10.00	1.00	34.00	40.00	Analysis	20.80	3.44	4.79	54.76
Analysis ¹⁰⁵⁹	11.20	.97	26.56	45.67	Arrow Wes-Tex Drought Emergency Mixed Feed	21.00	2.00	8.00	47.00
Paymaster Brand Turkey All-Mash Breeder	18.00	3.00	8.00	46.00	Analysis ¹⁰⁶⁵	21.10	2.26	6.86	50.34
Analysis	20.00	3.41	6.02	50.32	Arrow Wes-Tex 18% Protein Dairy Feed	18.00	3.00	10.00	48.00
Paymaster Brand Horse and Mule Feed	10.00	2.50	10.00	56.00	Analysis	19.15	3.21	8.26	53.30
Analysis	13.00	3.93	7.68	58.35	Analysis	18.00	3.00	6.00	54.00
Paymaster Brand Chick Grower—Containing Nitrophenide	17.00	2.50	7.00	52.00	Analysis	19.20	3.23	5.20	55.57
Analysis	18.50	3.13	5.88	54.31	¹⁰⁵³ Not made according to registered formula.				
Paymaster Brand Chick Starter—Containing Nitrophenide	20.00	2.50	5.50	52.00	¹⁰⁵⁴ Found, not claimed: ground wheat, meat and bone scraps, and a trace of fish meal. Microestimation: corn meal 51.93%.				
Analysis	22.10	2.90	5.42	52.38	¹⁰⁵⁵ Found, not claimed: meat and bone scraps, fish meal, urea 1.26%. Microestimation: corn meal 75.26%.				
Analysis	21.90	3.43	5.28	53.07	¹⁰⁵⁶ Guaranty includes 6.55% equivalent protein from 2.25% urea.				
Paymaster Hi-Calorie Brand Broiler Feed—Containing Nitrophenide	20.00	2.50	4.50	53.50	¹⁰⁵⁷ Analysis includes 6.10% equivalent protein from 2.10% urea. Microestimation: corn meal 74.82%.				
Analysis	21.80	2.55	4.17	55.37	¹⁰⁵⁸ Claimed, not found: pulverized oats.				
Paymaster Brand Turkey Starter—Containing Nitrophenide	28.00	2.50	7.00	38.00	¹⁰⁵⁹ Obsolete tags attached.				
Analysis	29.70	2.62	7.00	42.62	¹⁰⁶⁰ Incorrectly printed tags attached.				
Western Cottonoil Co., Div. of Anderson, Clayton & Co. (Inc.), El Paso, Texas					¹⁰⁶¹ Found, not claimed: soybean meal and milo gluten feed.				
Paymaster Brand 41% Protein Cottonseed Meal	41.00	5.00	13.00	25.00	¹⁰⁶² Not tagged but tags furnished.				
Analysis	39.70	6.42	12.69	30.48	¹⁰⁶³ Refund paid.				
Analysis	41.40	4.38	11.94	30.78	¹⁰⁶⁵ Found, not claimed: grain sorghum meal.				
Analysis	41.20	5.10	11.16	30.35					
Analysis	40.00	5.06	12.16	32.39					
Analysis	40.20	3.70	11.90	31.99					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitrogen-free extract		Crude protein	Crude fat	Crude fiber	Nitrogen-free extract
Wes-Tex Grain & Milling Company Plainview, Texas—Continued					Whitley Milling & Bag Company San Antonio, Texas—Continued				
Arrow Wes-Tex 20% Protein Range Feed Cubes.....	20.00	2.50	8.00	50.00	48% Protein Meat and Bone Meal—Continued				
Analysis ¹⁰⁶⁶	22.00	3.71	7.15	48.75	Analysis ¹⁰⁸⁰	48.75	11.26	2.77	
Four Acea 20% Protein Range Feed Cubes.....	20.00	2.50	10.00	48.00	Analysis ¹⁰⁸¹	52.00	11.04	3.27	
Analysis ¹⁰⁶⁷	18.85	2.63	6.55	54.04	Analysis ¹⁰⁸²	50.60	12.41	2.98	
Analysis ¹⁰⁶⁷					Analysis ¹⁰⁸³	49.40	9.56	2.12	
Analysis ¹⁰⁶⁷					Analysis ¹⁰⁸¹	46.20	13.75	2.03	
West Flour Mill, West, Texas					W. H. O. Alfalfa Milling Co., The Lamar, Colorado				
Ground Milo.....	10.00	2.50	3.00	70.00	Alfalfa Meal.....	13.00	1.50	33.00	
Analysis ¹⁰⁶⁸	12.10	3.12	2.65	77.22	Analysis.....	16.30	1.98	26.60	
Analysis ¹⁰⁶⁹	12.75	3.27	3.22	65.54	Analysis ¹⁰⁸²	14.45	1.24	30.54	
West 16% Protein Dairy Ration.....	16.00	4.00	19.50	41.00	Analysis ¹⁰⁸³	13.05	1.66	24.20	
Analysis ¹⁰⁷⁰	16.20	3.42	9.31	52.19	Analysis ¹⁰⁷⁸	15.10	1.50	33.00	
Economy Brand 20% Protein Laying Mash.....	20.00	3.00	8.00	46.00	Analysis.....	10.40	2.03	31.60	
Analysis ¹⁰⁷⁰	21.40	4.05	5.65	46.22	15% Protein Alfalfa Meal.....	15.00	1.50	30.00	
Economy Brand 20% (Equivalent) Protein Range Feed Cubes ¹⁰⁷¹	20.00	2.50	10.50	49.50	Analysis ¹⁰⁸²	17.00	1.82	22.46	
Analysis ¹⁰⁷²	21.55	2.94	9.48	49.71	Analysis.....	15.50	1.52	28.98	
West 21% Protein Breeder Mash.....	21.00	3.50	6.50	44.00	17% Protein Dehydrated Alfalfa Meal.....	17.00	1.50	27.00	
Analysis.....	21.90	4.16	4.38	50.00	Analysis.....	19.00	2.34	23.57	
West 18% (Equivalent) Protein Dairy Feed ¹⁰⁷³	18.00	3.00	14.00	45.00	Wichita Feed Store, Wichita Falls, Texas				
Analysis ¹⁰⁷⁴	16.05	3.50	11.00	49.02	Ikes 18% Protein Cow Feed.....	18.00	3.00	12.00	
West Brand Bull Feed.....	10.50	2.50	18.50	50.00	Analysis.....	19.50	3.30	9.54	
Analysis ¹⁰⁷⁰	10.90	2.61	18.85	52.47	Wichita Sweet Feed.....	14.00	1.50	29.00	
West 20% Protein Laying Mash.....	20.00	3.50	7.00	47.00	Analysis ¹⁰⁸⁵	17.40	1.51	29.00	
Analysis.....	21.70	6.03	6.98	44.46	Wichita's Best Brand Egg Mash.....	18.00	3.50	8.00	
West 40% Protein Swine Concentrate.....	40.00	4.50	7.50	15.50	Analysis ¹⁰⁸⁶	19.50	4.05	5.24	
Analysis ¹⁰⁷⁰	41.80	6.10	6.55	16.64	Analysis ¹⁰⁸⁷	20.00	3.59	5.30	
Analysis ¹⁰⁷⁰	43.40	6.02	5.91	11.02	Parkey's Special Mix.....	13.50	2.00	16.50	
Analysis ¹⁰⁷⁰	41.40	4.85	4.65	13.60	Analysis.....	16.40	2.32	13.78	
West All-In-One Brand Special Hog Feed.....	15.00	3.00	6.00	55.00	Wilbur-Ellis Co., San Francisco, Calif.				
Analysis ¹⁰⁷⁰	17.60	3.72	6.65	51.30	65% Protein Fish Meal.....	65.00	5.00	1.00	
Analysis ¹⁰⁷⁰	16.70	3.40	6.00	55.02	Analysis.....	73.00	6.58	5.00	
West 20% Protein Egg Laying Ration.....	20.00	3.50	7.00	48.00	63% Protein Fish Meal.....	63.00	5.00	1.00	
Analysis ¹⁰⁷⁰	19.50	6.07	7.09	47.45	Analysis.....	60.80	3.73	4.6	
Analysis ¹⁰⁷⁰	22.20	6.35	8.60	43.38	Analysis.....	64.80	5.47	.59	
West Vita Brand 20% Protein Range Feed Cubes.....	20.00	3.00	7.00	47.00	Analysis.....	64.60	3.05	.74	
Analysis ¹⁰⁷⁰	22.50	3.26	11.06	41.54	Analysis.....	60.40	10.23	.77	
Analysis.....	24.30	2.73	6.95	45.52	Williams Farm Supply, Palestine, Texas				
West Brand Laying All-Mash.....	15.00	3.50	8.00	52.00	Williams Special 16% Protein Dairy Feed.....	16.00	3.00	11.00	
Analysis ¹⁰⁷⁰	17.65	3.59	6.53	52.82	Analysis.....	18.30	4.18	9.41	
Analysis.....	17.60	5.96	7.62	46.10	Williams Calf Feed.....	13.50	3.00	11.00	
Analysis.....	16.50	6.40	7.24	47.31	Analysis.....	16.40	3.56	10.67	
West 40% Protein Hog Supplement.....	40.00	4.50	7.50	15.50	Williams Feed & Grain Co., Palestine, Tex.				
Analysis.....	39.40	6.22	4.81	18.88	Will-Co Brand 16% Protein Dairy Feed.....	16.00	3.00	11.50	
West 36% Protein Hog Concentrate.....	36.00	3.50	9.00	24.50	Analysis.....	14.77	3.95	10.32	
Analysis ¹⁰⁷⁰	40.20	6.15	5.51	21.94	Analysis ¹⁰⁸⁸	17.10	3.12	9.64	
West All-In-One Brand Hog Feed.....	15.00	3.00	6.00	50.00	Wil-Co Special Brand 16% Protein Dairy Feed.....	16.00	2.60	13.50	
Analysis ¹⁰⁷⁰	18.00	4.58	5.95	52.12	Analysis.....	14.55	3.03	9.81	
West 18% Protein Turkey Breeder A-M Pellets.....	18.00	2.50	6.00	51.00	Williams Feed & Supply, Midland, Texas				
Analysis.....	20.20	4.44	5.98	49.78	Chowmix Hog Feed L.....	15.00	2.50	4.50	
West 17% Protein Turkey Grower All-Mash—Containing Nitrophenylarsonic Acid.....	17.00	3.00	6.50	53.00	Analysis.....	16.10	3.36	2.78	
Analysis ¹⁰⁷⁰	18.20	3.02	6.96	51.68	Williams Grain Co., Waxahachie, Texas				
West 15% Protein Turkey Grower All-Mash—Containing Nitrophenylarsonic Acid.....	15.00	3.00	6.50	53.00	Crackerjack Brand 16% Protein Dairy Feed.....	16.00	3.00	11.00	
Analysis ¹⁰⁷⁵	22.10	3.97	7.31	47.55	Analysis.....	16.80	3.07	10.73	
West Special Broiler Mash—Containing Sulfanilamide.....	20.00	3.00	4.50	50.00	¹⁰⁶⁶ Obsolete tags attached.				
Analysis ¹⁰⁷⁶	22.60	3.56	3.81	49.66	¹⁰⁶⁷ Claimed, not found: sorghum gluten meal.				
Analysis ¹⁰⁷⁷	22.10	4.04	4.48	50.88	¹⁰⁶⁸ Misbranded: sample is a mixed feed. Not tagged but tags furnished.				
West 17% Protein Growing Mash—Containing Sulfanilamide.....	17.00	3.00	6.00	53.50	¹⁰⁶⁹ Misbranded: sample is a mixed feed.				
Analysis.....	19.30	3.78	5.83	54.63	¹⁰⁷⁰ Not made according to registered formula.				
West Grain Company, West, Texas					¹⁰⁷¹ Guaranty includes 5.90% equivalent protein from 2.03% urea.				
Ear Corn Chop With Husk.....	8.00	3.00	10.00	65.00	¹⁰⁷² Analysis includes 3.75% equivalent protein from 1.29% urea. Claimed, not found: rice bran.				
Analysis ¹⁰⁷⁸	9.70	3.04	11.04	63.57	¹⁰⁷³ Guaranty includes 3.53% equivalent protein from 1.22% urea.				
West Tennessee Soya Mill, Inc. Tiptonville, Tennessee					¹⁰⁷⁴ Claimed, not found: urea, ground peanut hay, dried citrus pulp, peanut meal and distillers' dried grains. Found, not claimed: ground mixed screenings and rice bran.				
44% Protein Solvent Extracted Soybean Meal.....	44.00	0.50	7.00	29.00	¹⁰⁷⁵ Claimed, not found: cheese whey, cheese rinds, skimmed milk and dried yeast. Not tagged but tags furnished.				
Analysis ¹⁰⁷⁹	44.00	3.49	6.78	29.50	¹⁰⁷⁶ Found, not claimed: rice bran.				
Analysis.....	44.00	1.07	6.16	32.94	¹⁰⁷⁷ Found, not claimed: pea meal.				
Analysis.....	48.40	1.08	6.03	28.23	¹⁰⁷⁸ Infested with mold.				
Analysis.....	44.60	1.40	8.26	31.87	¹⁰⁷⁹ Found, not claimed: cottonseed meal.				
Weyel Feed and Seed, Kirby, Texas					¹⁰⁸⁰ Sample is meat and bone scraps and poultry by-product meal.				
Ear Corn Chop With Husk.....	8.00	3.00	10.00	65.00	¹⁰⁸¹ Found, not claimed: poultry by-product meal.				
Analysis ¹⁰⁷⁸	9.10	2.75	11.55	63.03	¹⁰⁸² Not tagged but tags furnished.				
Analysis ¹⁰⁷⁸	9.00	2.71	11.80	64.62	¹⁰⁸³ Sand and dirt excessive. Not tagged but tags furnished.				
Whitley Milling & Bag Co., San Antonio, Tex					¹⁰⁸⁴ Claimed, not found: ground rice hulls.				
48% Protein Meat and Bone Meal.....	48.00	6.00	3.00	0.00	¹⁰⁸⁵ Found, not claimed: pulverized barley, soybean meal and screenings. Claimed, not found: dried buttermilk.				
Analysis.....	48.40	10.93	2.25	2.12	¹⁰⁸⁶ Found, not claimed: fish meal.				
Analysis.....	49.20	11.79	1.48	1.96	¹⁰⁸⁷ Found, not claimed: crimped barley.				
Analysis.....	49.00	11.41	2.19	3.61					
Analysis ¹⁰⁸⁰	48.10	10.93	2.11	2.21					

Table 8. Guaranteed composition and analyses of feeds, September 1, 1953 to August 31, 1954—Continued

(The guaranties are printed in italics following brand names)

Name and address of manufacturer or importer, brand name	Percent				Name and address of manufacturer or importer, brand name	Percent			
	Crude protein	Crude fat	Crude fiber	Nitro- gen-free extract		Crude protein	Crude fat	Crude fiber	Nitro- gen-free extract
Wilson & Co., Inc., Oklahoma City, Okla.					Woodsboro Milling Co., Woodsboro, Tex.				
Red "W" Brand 50% Protein Meat and Bone Scraps	50.00	6.00	3.00	0.00	—Continued				
Analysis	50.20	7.16	2.50	2.27	Mo-Pak Brand 36% Protein Hog Supplement	36.00	4.00	8.00	18.00
Analysis ¹⁰⁸⁹	51.00	10.44	1.99	2.07	Analysis	34.40	5.93	7.82	21.25
Red "W" Brand Special Steamed Bone Meal	5.00	1.00	3.00	0.00	Mo-Pak Brand Calf and Steer Feed	11.00	2.50	12.00	54.00
Analysis ¹⁰⁹⁰	8.00	.57	6.40	46.26	Analysis	11.15	3.16	9.76	58.19
Wilson Feed and Seed Co., Eastland, Texas					Worley Mills, Portales, New Mexico				
Chowmix Hog Finishing Feed	14.00	3.00	6.00	60.00	Drouth Emergency Mixed Feed	20.00	1.50	8.00	40.00
Analysis	15.00	3.03	3.48	64.46	Analysis ¹⁰⁹⁷	22.00	3.38	7.64	49.38
Wilson Soya Corporation, Wilson, Ark.					Yoakum Gin & Feed Co., Yoakum, Texas				
44% Protein Solvent Process Soybean Meal	44.00	0.50	7.00	29.00	Yoakumix Hog Fatner	14.00	3.00	8.00	58.00
Analysis	44.60	1.51	6.62	31.48	Analysis	17.60	3.65	8.00	54.20
Winfield Feed Mill, Winfield, Texas					Yoakumix 40% Protein Supplement For Hogs	40.00	3.50	5.00	14.00
Custon Mix Feed	12.00	2.00	17.00	49.00	Analysis	40.00	6.71	4.42	16.91
Analysis	13.10	3.02	12.09	54.75	Yoakumix Pig and Sow Feed	18.00	3.50	5.50	53.00
Wingo & Son, C. E., Sulphur Springs, Tex.					Analysis	20.00	3.58	4.04	53.85
Wingo's 16% Protein Dairy Feed	16.00	3.00	15.00	42.00	Yoakumix 16% Protein Dairy Feed	16.00	3.00	11.00	48.00
Analysis ¹⁰⁹¹	17.70	3.62	12.09	48.63	Analysis	17.90	3.41	10.47	50.55
Wingo's Laying Mash	20.00	3.00	7.50	47.50	Yoakumix Bunco Sweet Feed	9.00	2.90	32.50	37.00
Analysis	21.10	3.84	6.66	50.96	Analysis ¹⁰⁹⁸	10.00	3.83	33.42	32.52
Hopco 16% Protein Special Dairy Feed	16.00	3.00	10.50	48.50	Yorktown Cotton Oil & Mfg. Co., Yorktown, Texas				
Analysis	16.00	3.80	10.03	53.05	41% Protein Cracked Cottonseed Cake	41.00	5.00	12.00	25.00
Hopco 16% Protein Dairy Feed	16.00	3.00	10.50	49.00	Analysis	42.00	7.42	11.01	21.38
Analysis ¹⁰⁹²	18.00	3.94	9.59	50.74	Analysis	43.60	5.89	10.92	26.28
Wingo Oil Mill, Wills Point, Texas					Analysis	42.40	5.65	11.68	27.29
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00	Analysis	41.30	5.25	11.96	28.60
Analysis	39.20	5.01	14.56	29.53	Youngblood's, Waco, Texas				
Analysis	41.40	4.68	14.28	29.28	Youngblood's Broiler All-Mash	19.00	3.00	4.50	52.00
W-M Feed Company, Nixon, Texas					Analysis	20.60	3.34	4.10	53.00
W-M Broiler Feed	20.00	3.00	4.50	50.00	Youree, J. T., Bells, Texas				
Analysis	23.00	4.06	4.05	51.96	Ear Corn Chop With Husk	8.00	3.00	10.00	65.00
Wolf Milling Co., The, Neosho, Missouri					Analysis ¹⁰⁹⁹	9.55	3.43	9.78	63.54
Corn Bran	11.50	7.00	7.00	63.00	Analysis ¹⁰⁹⁹	8.90	3.01	13.04	64.49
Analysis	11.50	7.83	6.17	60.28	Yukon Mill & Grain Co., Yukon, Okla.				
Analysis	11.00	8.23	4.41	65.06	Wheat Gray Shorts	15.00	3.50	6.50	55.00
Analysis ¹⁰⁹³	11.20	7.76	6.32	60.37	Analysis	17.00	3.93	6.27	59.40
Womble Oil Mill Co., Caldwell, Texas					Yukon's Baby Chick Starter	20.00	4.00	5.00	51.00
41% Protein Cottonseed Meal	41.00	5.00	12.00	25.00	Analysis ¹¹⁰⁰	20.60	4.34	7.55	51.66
Analysis	41.10	6.67	11.63	28.27	Yukon's Laying Mash	18.00	3.60	8.00	49.00
Analysis	39.70	6.04	13.39	26.53	Analysis	18.30	8.37	8.00	46.12
Wonder Rice Mills, Inc., Houston, Texas					Zedler, Paul L., Luling, Texas				
Rice Bran Containing Calcium Carbonate	11.00	10.00	15.00	42.00	Zedler's Dairy Feed	18.00	3.00	13.00	45.00
Analysis	12.45	15.00	9.02	41.81	Analysis	20.70	2.69	11.48	45.36
Wonder Rice Oil Co., Houston, Texas					¹⁰⁸⁹ Not tagged.				
Rice Bran Containing Calcium Carbonate	11.00	10.00	15.00	42.00	¹⁰⁹⁰ Minimum calcium guaranteed 30.0%, found 31.59%. Minimum phosphorus guaranteed 14.0%, found 14.85%. Not tagged but tags furnished.				
Analysis	12.40	14.50	10.65	39.47	¹⁰⁹¹ Found, not claimed: linseed meal and alfalfa meal.				
Wood County Farmers Cooperative Assn., Quitman, Texas					¹⁰⁹² Claimed, not found: brewers' dried grains.				
16% Protein Dairy Feed	16.00	2.50	12.00	48.50	¹⁰⁹³ Corn meal and corn germ meal excessive. Not tagged but tags furnished.				
Analysis ¹⁰⁹⁴	17.20	3.52	11.09	52.11	¹⁰⁹⁴ Not made according to registered formula.				
16% Protein Hog Feed	16.00	3.50	6.00	55.00	¹⁰⁹⁵ Found, not claimed: cottonseed meal, pea meal and fish meal.				
Analysis	14.90	4.06	6.53	58.68	¹⁰⁹⁶ Found, not claimed: pulverized oats and rice bran. Claimed, not found: soybean meal and linseed meal.				
Analysis ¹⁰⁹⁵	16.55	4.02	6.00	57.37	¹⁰⁹⁷ Found, not claimed: spent bone black: Claimed, not found, bone meal.				
Woodsboro Milling Co., Woodsboro, Tex.					¹⁰⁹⁸ Incorrectly printed tags attached.				
Mo-Pak Brand 20% Protein Cattle Feed Cubes	20.00	3.20	6.50	52.00	¹⁰⁹⁹ Found, not claimed: salt. Infested with mold.				
Analysis ¹⁰⁹⁶	21.60	3.73	7.33	53.56	¹¹⁰⁰ Found, not claimed: cottonseed meal and soybean meal. Claimed, not found: dried buttermilk.				