SCS-2011-06

Texas Wheat Variety Trial Results 2011

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2011
Texas Uniform Wheat Variety Trials

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Introduction

The Uniform Wheat Variety Trial (UWVT), presented in the following pages, is coordinated and implemented by numerous Texas AgriLife Extension and Research faculty and staff, and Syngenta researchers. We also appreciate the cooperation from numerous Texas AgriLife County Extension Agents, producers, and private industry groups that contribute time, property, and seed to conduct these field trials. Wheat types within these yield trials included Hard Red Winter Wheat (HRWW), Soft Red Winter Wheat (SRWW), or Hard Red Spring Wheat (HRSW).

During the 2010-2011 wheat production season Texas producers planted 5.6 million acres of wheat according to the National Agricultural Statistics Service (NASS). Projected Texas wheat production is estimated at 52 million bushels with an average yield of 26 bu/ac. The production and yield was down significantly from 2010 due to the exceptional drought that most of the state experienced during the growing season.

The purpose of this publication is to provide unbiased yield data for wheat producers across the state. Using this information, Texas wheat producers can make an educated decision concerning the most appropriate varieties for their geographic region.

Variety Selection:

Selection of small grain varieties is one of the most important decisions a producer will make. This decision impacts potential yield (forage and grain), seed quality (test weight and protein), disease and insect management, and maturity. It is important that producers diversify the varieties to be planted on their farms. Variety diversification spreads the risk associated with potentially devastating pests (rust, Hessian fly, leaf curl mite, greenbugs, etc.) and yield loss from adverse environmental factors (freeze, drought, etc.).

Producers should select no fewer than 2 or 3 varieties to plant on their farms and preferably more, depending on size and location of fields. Variety selection should be based upon a combination of sound data from university trials, and other reliable sources. Wheat varieties should be chosen based on multiple years of data (yield, pest resistance, grain quality and maturity). High yields over multiple years and multiple locations demonstrate a variety's ability to perform well over diverse environmental conditions. Stable yield performance is the best variety selection tool. It is important to consider decreasing yields over a 2 or 3 year time frame, which may reflect a change in disease and/or insect resistance.

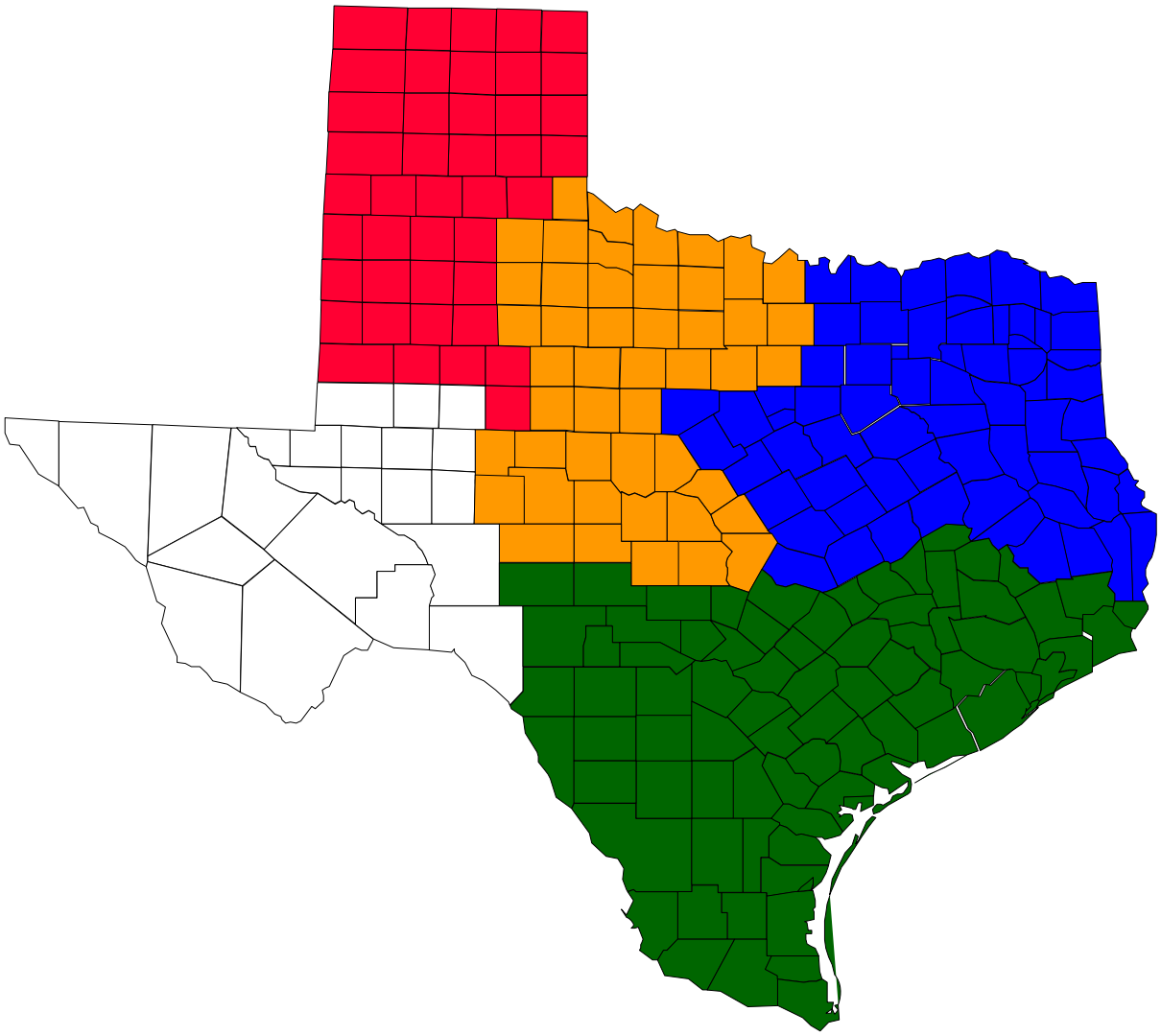
When selecting a variety for the 2011-12 season, producers need to consider multiple year averages, recognizing the unusual climatic conditions that impacted yield and quality over the past several years. It is strongly encouraged that producers look at the 3-year averages, and to look at numerous relevant variety trial locations. There are typically 20+ wheat variety trials conducted across the state each year, and most of these contain analyses for multiple years.

Interpreting the Data:

Yield and test weight at each location have been statistically analyzed using the recommended procedures. The statistical analysis provides the mean, coefficient of variation (CV), and LSD values. It is important to note these statistical values to prevent misinterpretation of the data.

The mean is another term for the average. Therefore, a mean yield is the average of all the plots within a trial. The CV value, expressed at a percentage, indicates the level of unexplained variability present within the trial. A high CV value indicates a lot of variability existed within the trial not related to normal variations that might be expected between the varieties in the test. This variability may be the result from non-uniform stands, non-uniform insect or disease pressure, variability in harvesting, or other issues. High CV values indicate a great deal of variation due to factors other than the genetic variation between varieties. CV values in excess of 15% should cause the person using the data to understand that there were problems in the trial that will cause concerns about the validity of the data as a true representation of varietal performance. The LSD value is a numeric range to help the reader determine if the varieties performed differently from one another within the trial. If the LSD value is 5 bu/ac in a trial in which Variety A yielded 36 bu/a and Variety B yielded 30 bu/a, then Variety A is said to be significantly better. In a trial with an LSD value of 5 bu/ac at a 0.05 (or 5%) level the statistical inference is that Variety A would yield better than Variety B in 19 out of 20 trials conducted in which there was a 5 bushel difference in yield. In this hypothetical comparison, you might have a 20^{th} trial with a 5 bu/ac difference that there is not truly a difference between Variety A and B, but random chance caused the 5 bushel difference.

Texas Wheat Regions Map



Legend:

- Texas High Plains
- Texas Rolling Plains
- Texas Blacklands
- South Texas

2011 Texas Wheat Region Overview

Texas Blacklands:

The Texas Blacklands this past growing season gave many challenges to wheat producers. Most of which occurred during the grain filling with inconsistent rainfall from March to May. Yields were lower than expected for all varieties tested within this region. In addition to the drought conditions, freezing temperatures on February 3-4 set the wheat back and could have also played a role in the overall yield reduction.

Texas High Plains:

Unfortunately 2011 will go down as one of the driest years on record for the region. Much of the dryland wheat acreage throughout the area was not harvested due to drought. Those that were harvested were generally planted late and on land fallowed in 2010. Irrigated yields were also down. Many producers had to quit watering wheat early in order to concentrate their irrigation water on establishing corn or cotton. Insect infestation and disease infection were low throughout most of the region, although wheat streak mosaic and barley yellow dwarf could be found in some fields. A few low lying fields in the southwest panhandle were damaged from freeze injury during flowering. In isolated cases freeze damage was severe.

Irrigated Trials
Variety trials were planted and harvested at six irrigated locations around the Texas Panhandle and at the New Mexico State University station near Clovis. Even though trials were irrigated, yields were lower than normal due to drought conditions, hot air temperatures during flowering and late freeze damage in a few of the trials. Highest average yields were recorded in the Dimmitt trial. Three varieties, *TAM 112*, *Winterhawk*, and *TAM 113* yielded in the top 25% of five of the six locations. This is only the second year we have had *Winterhawk*, a Westbred variety, in our trials. *TAM 113* was released this year by Texas AgriLife Research and will not be commercially available until 2012. Other top varieties were *TAM 111*, *OKO7209* (OSU experimental), *Duster* and *Bill Brown*. Other varieties of note were *Hatcher* and the Texas AgriLife experimental *TX05A001188*.

Dryland Trials
Surprisingly, in spite of the drought, we were able to harvest seven of the nine dryland trials planted. Lowest average yield (12.1 bushels) was at Etter and the highest average yield (34.7 bushels) was at the Groom location. All of the dryland locations were located on fallowed land. Those locations in the eastern part of the Panhandle (Groom, Silverton, Perryton) yielded the highest, greatly benefiting from a late fall rain event. Varieties yielding in the top 25% in at least 4 of the 7 locations were *TAM 113*, *TAM 112*, *OKO7209* (OSU experimental), *Armour*, *Winterhawk* and Texas AgriLife experimental *TX05A001188*. Other varieties of note were *Hatcher*, *AP 503 CL*, *OK07214* (OSU experimental), *TAM 111*, *Duster* and *Mace*. *Mace* is a Nebraska variety with good wheat streak mosaic tolerance. This is the second year it has been in our trials and overall its yield has been average.

Texas Rolling Plains:

A severe drought was observed in the Texas Rolling Plains this year with numerous wildfires. Wheat fields planted in this region were planted dry with the anticipation of getting a rain. Yields were much lower than normal and if the wheat was not under irrigation, yields were extremely poor if it was harvested at all. In addition to the lack of moisture, high temperatures at grain fill also contributed to poor wheat yields.

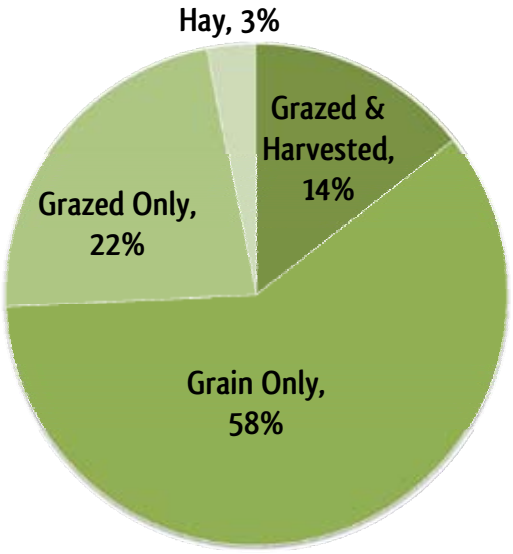
South Texas:

Wheat producers in South Texas, like the rest of the state, had extremely dry conditions. Below normal rainfall was persistent throughout the entire growing season. Poor stands developed in dryland fields, leading to fewer harvested acres than expected. Wheat that was planted in September for fall forage performed respectively due to early rainfalls and subsequent crop establishment.

Wheat Survey Provides Important Feedback

This fall wheat producers across the state participated in a Wheat Management Survey funded in part by the Texas Wheat Producers Board. The survey was designed to gather information about planting practices, management decisions and variety selection.

The results of this survey will be used throughout the year to gauge priority areas for the Texas Wheat Producers Board as well as Texas AgriLife Extension and Research.



Acreage Utilization

Most Frequently Harvested Varieties

Variety	Harvested Acres (%)	Average Yield
TAM 111	16.4	34.4
TAM 112	8.8	32.2
Coronado	7.8	37.1
Jagger	5.9	28.2
Cutter	5.2	30.5
Fannin	5.0	39.2
TAM 105	3.9	24.8

33% percent of producers conducted a soil test

57% of those tested every two to four years

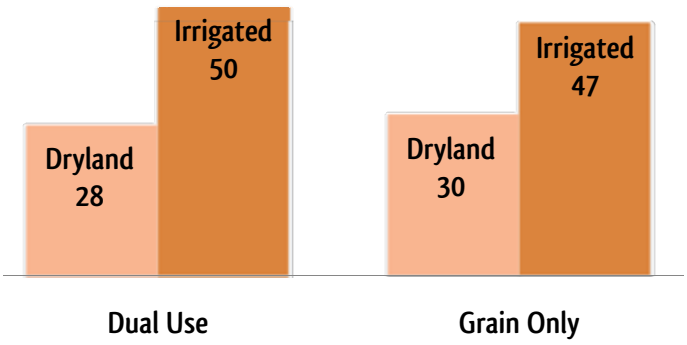
Variety Selection Priorities

1. Drought tolerance
2. Grain yield
3. Winter hardiness
4. Disease resistance
5. Insect resistance
6. Forage yield

Research Priorities

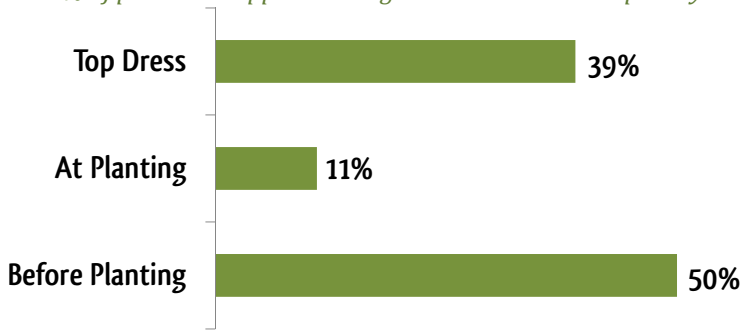
1. Grain yield
2. Drought tolerance
3. Disease resistance
4. Forage yield
5. Insect resistance

Average Statewide Yields (bu/ac)



Percent of Nitrogen Applied

65% of producers applied Nitrogen to their wheat crop this year.



Popular Wheat Varieties by District

**Listed by percentage of planted acres*

Panhandle
1. TAM 111
2. TAM 112
3. Jagger

South Plains
1. TAM 111
2. Weathermaster 135
3. TAM 105

Rolling Plains
1. Jagger
2. Coronado
3. Cutter

North
1. Coker 9553
2. Jackpot
3. Coker 9663

West Central
1. Coronado
2. 2158
3. Weathermaster 135

Central
1. Fannin
2. Coronado
3. Jackpot

Southwest
1. Fannin
2. Mit
3. Coronado

Variety	Source	First Year Sold	Maturity Group	Height (inches)	Leaf Rust[1]	Stripe Rust	Stem Rust	Septoria Leaf Blotch	Scab	Soil-born Mosaic	Tan Spot	Powdery Mildew	Wheat Streak Mosaic	Barley Yellow Dwarf	Green-bug	Russian Wheat Aphid	Hessian Fly
2145	KSU	2001	Early	-	S	-	-	-	-	-	-	-	-	-	-	-	-
AP 503CL	Syngenta	2008	Medium	-	S	MR	R	MR	S	R	MS	S	-	-	S	S	S
Greer	Syngenta	2010	Med Early	22	MR	MR		-	-	-	-	S	-	-	-	-	-
Armour	WestBred	2008	Medium	20	MR	MR		MR	MR	R	MR	R	S	MS	S	S	MS
Art	Syngenta	2007	Med Early	22	R	MR		MR	MS	R	MS	S	S	S	S	S	R
Bill Brown	CSU	2007	Medium	23	MR	MR	S	-	-	S	S	MS	S	S	S	MR	S
Billings	OSU	2009	Early	22	R	R	-	MR	-	R	MR	MR	S	MR	S	S	MS
Bullet	OSU	2005	Med Early	-	S	MS	MS	MS	MS	MS	MR	MS	MS	MS	S	S	MS
Coronado	Syngenta	1994	Early	22	MS	MS	MR	-	-	-	-	MS	-	-	S	S	MR
Deliver	OSU	2004	Medium	22	R	MR	MS	MR	S	R	MR	MR	S	S	S	S	MS
Doans	Syngenta	2007	Med Early	23	R	R	-	MR	-	MR	MS	MS	-	-	S	S	S
Dumas	Syngenta	2001	Med Early	24	MS	MS	MR	MS	MS	S	S	S	S	MS	S	S	S
Duster	OSU	2006	Med Early	23	R	MR	MS	MS	S	R	MS	MR	S	MR	S	S	R
Endurance	OSU	2005	Med Early	22	MR	MS	MS	MS	MS	R	S	MR	S	MR	S	S	MS
Fannin	Syngenta	2005	Med Early	21	R	R	R	-	-	R	-	R	-	-	S	S	S
Fuller	KSU	2006	Med Early	23	MS	MS	MS	MS	MS	R	MS	S	MS	MS	S	S	S
Hatcher	CSU	2005	Medium	21	S	MR	MR	MR	MS	MS	MR	MR	S	S	S	MR	MS
Jackpot	Syngenta	2008	Med Early	23	S	MR	MR	-	MS	R	MR	MR	-	MS	S	S	MS
Jagalene	Syngenta	2001	Med Early	23	S	S	R	MR	S	R	MS	S	MS	MS	S	S	S
Jagger	KSU	1994	Early	-	S	MS	MR	MR	MS	R	MR	S	MS	MS	S	S	S
NK 812	Northrup King	-	Early	-	S	S	-	-	-	-	-	MS	-	-	-	-	-
Overley	KSU	2003	Early	23	S	MS	-	-	-	-	-	MS	-	-	-	-	-
Pete	OSU	2010	Med Early	22	MS	MR	-	MS		R	MR	MS	S	MS	S	S	S
Santa Fe	WestBred	2003	Med Early	22	R	MR	MR	R	MS	R	MR	MS	S	MS	S	S	S
Shocker	WestBred	2006	Med Early	21	R	MS	MR	MR	S	R	MS	MS	S	MS	S	S	MS
Sturdy 2K	TAMU	2003	Medium	-	R	MS	MR	-	-	-	-	MR	-	-	S	S	S
T136	Trio Seed Research	2005	Med Early	22	MS	S	-	-	R	-	-	MS	-	-	-	-	-
T81	Trio Seed Research	1997	Medium	23	S	MR	MR	MS	MR	S	MS	MS	MS	MS	S	S	S
TAM 111	TAMU	2003	Medium	24	S	R	R	MR	MS	S	MR	S	MS	MS	S	S	MS
TAM 112	TAMU	2005	Med Early	23	S	S	R	MR	S	S	MR	R	MR	MS	MR	S	S
TAM 203	TAMU	2007	Med Early	22	MR	MR	R	MS	-	R	S	S	S	MS	S	S	S
TAM 304	TAMU	2007	Med Early	20	R	MS	MR	-	S	MR	MS	MR	S	MS	S	S	S
TAM 401	TAMU	2008	Med Early	21	R	MR	R	-	-	MR	-	MR	MS	-	S	S	S
TAM W-101	TAMU	1971	Medium	23	MS	MS	-	-	-	-	-	S	-	-	-	-	-
TAM 113	TAMU	-	Medium	23	R	R	R	-	-	-	-	S	-	-	-	-	-

[1]S - Susceptible, MS - Moderately Susceptible, MR - Moderately Resistant, and R - Resistant - **All ratings are subject to change as re-evaluation occurs.**

[2]All varieties to the right of Leaf Rust for hard wheat come from the Texas High Plains by Jackie Rudd and Brent Bean

Texas Blacklands Locations Agronomic Data

Location[1]	Yield Limiting Issues	Planting Date	Fertilizer (Total)	Row Spacing	Pesticide Applied	Date Appl.
			(lb N/a)	inch		
Ellis County	Dry Conditions	10/20/10	100	7	Amber	10/22/10
Hillsboro (Syngenta)	Dry Conditions	11/11/10	Cooperator Applied	7	Cooperator Applied	-
Howe	No significant rainfall in March	10/29/10	150	6	Axial XL + Ally Extra	1/10/11
Lamar County	Dry Conditions; Hog Damage	11/1/10	100	7	Amber	11/17/10
McGregor	Uneven Stands; Dry Conditions	11/9/10	100	7	Weedmaster + Finess	2/15/11
Muenster (Syngenta)	Uneven Stands; Dry Conditions	11/2/10	100	7	Cooperator Applied	-
Prosper	Dry Conditions	11/11/10	100	7	Amber	12/6/10
Royse City	No significant rainfall in March	10/19/10	150	6	Axial XL + Amber	1/10/11

[1]All locations were planted into conventionally tilled seed beds and were grown under dryland conditions.

Uniform Wheat Variety Trial - Blacklands Region Yield Summary 2011 - Hard Wheat

2011 Rank	Variety	Source	2011 Yield bu/ac AVG	Ellis Co.	Hillsboro	McGregor	Muenster	Prosper
1	OK07209*	OSU	**51.6**	52.2	53.0	39.9	30.7	70.5
2	Duster	OSU	**50.5**	44.0	51.1	38.9	42.4	64.5
3	TAM 304	TAMU	**49.9**	54.0	51.0	37.6	34.6	60.2
4	OK07214*	OSU	**49.8**	43.1	52.8	34.1	32.2	71.0
5	Armour	Westbred	**49.4**	51.1	50.8	41.1	35.2	60.4
6	Jackpot	Syngenta	**48.0**	41.2	47.9	36.5	39.3	63.4
7	TX06A001281*	TAMU	**47.3**	51.0	47.7	38.3	34.2	56.3
8	Greer	Syngenta	**46.6**	49.4	49.0	32.1	31.9	56.2
9	Shocker	Westbred	**46.1**	48.5	46.8	32.3	25.9	63.2
10	Endurance	OSU	**46.0**	44.9	44.6	39.5	41.5	52.9
11	TAM 401	TAMU	**45.9**	47.4	43.2	23.8	35.3	57.9
12	AP08TA6927*	Syngenta	**45.3**	49.8	48.4	35.6	25.2	57.8
13	TX05A001188*	TAMU	**45.3**	41.0	47.1	32.4	32.8	60.5
14	APH09T1122*	Syngenta	**45.2**	46.5	46.1	30.1	36.2	52.0
15	Sturdy 2K	TAMU	**45.0**	43.7	44.6	35.7	35.0	56.9
16	Garrison (OK05212)	OSU	**44.9**	40.1	45.0	32.5	33.5	61.2
17	TX06A001263*	TAMU	**44.8**	39.4	45.6	41.4	31.9	62.3
18	Billings	OSU	**44.6**	45.5	47.4	41.2	32.6	52.9
19	Fannin	Syngenta	**44.2**	45.3	46.0	38.8	26.8	58.6
20	Coronado	Syngenta	**43.9**	44.1	44.1	40.2	31.9	55.6
21	Santa Fe	Westbred	**43.4**	35.9	45.8	33.9	35.6	56.2
22	TAM 112	TAMU	**43.2**	37.7	46.2	36.2	36.7	52.3
23	Jagalene	Syngenta	**43.1**	37.0	47.0	33.6	40.8	47.8
24	Pete	OSU	**43.0**	42.2	42.5	39.1	32.8	54.6
25	TAM 111	TAMU	**42.8**	42.9	43.1	33.2	27.5	57.8
26	AP08T5913*	Syngenta	**42.3**	37.4	43.5	34.7	34.1	54.2
27	TAM 113 (TX02A0252)	TAMU	**41.2**	32.0	39.0	33.0	36.0	57.6
28	TAM 203	TAMU	**40.5**	43.9	45.1	34.8	17.1	56.1
29	Deliver	OSU	**40.2**	46.1	39.7	39.1	16.2	58.9
30	Fuller	KSU	**39.6**	34.2	46.9	34.1	22.1	55.1
31	AP08T6224*	Syngenta	**38.6**	32.6	47.4	38.3	15.6	58.9
32	Weathermaster 135	Unknown	**38.5**	29.8	32.2	34.4	35.4	56.7
33	Jagger	KSU	**38.5**	27.4	45.0	38.3	35.0	46.5
34	TAM W-101	TAMU	**36.9**	26.7	39.5	30.6	25.0	56.6
35	Bullet	OSU	**34.0**	28.3	39.6	31.3	25.1	43.2
		Mean	**44.0**	**41.6**	**45.7**	**36.0**	**31.7**	**57.3**
* Experimental wheat breeding line		**CV (%)**	**11.6**	**11.4**	**5.5**	**14.8**	**14.2**	**11.6**
		LSD (5%)	**3.4**	**7.8**	**4.1**	**7.3**	**7.4**	**10.8**

Uniform Wheat Variety Trial - Ellis County, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Test Weight (lb/bu) 2011
1	TAM 304	TAMU	54.0	59.8	58.9
2	OK07209*	OSU	52.2	-	62.1
3	Armour	Westbred	51.1	58.1	58.5
4	TX06A001281*	TAMU	51.0	-	60.8
5	AP08TA6927*	Syngenta	49.8	-	62.5
6	Greer	Syngenta	49.4	55.8	58.4
7	Shocker	Westbred	48.5	55.1	60.1
8	TAM 401	TAMU	47.4	53.9	58.2
9	APH09T1122*	Syngenta	46.5	-	62.1
10	Deliver	OSU	46.1	51.0	61.3
11	Billings	OSU	45.5	56.1	61.7
12	Fannin	Syngenta	45.3	53.9	61.8
13	Endurance	OSU	44.9	51.5	60.3
14	Coronado	Syngenta	44.1	48.1	60.3
15	Duster	OSU	44.0	51.4	60.7
16	TAM 203	TAMU	43.9	54.0	59.7
17	Sturdy 2K	TAMU	43.7	52.5	59.6
18	OK07214*	OSU	43.1	-	61.1
19	TAM 111	TAMU	42.9	48.5	61.9
20	Pete	OSU	42.2	51.1	61.5
21	Jackpot	Syngenta	41.2	47.6	59.9
22	TX05A001188*	TAMU	41.0	-	59.3
23	Garrison (OK05212)	OSU	40.1	46.0	60.0
24	TX06A001263*	TAMU	39.4	54.5	60.2
25	TAM 112	TAMU	37.7	40.4	60.1
26	AP08T5913*	Syngenta	37.4	-	62.9
27	Jagalene	Syngenta	37.0	38.7	61.9
28	Santa Fe	Westbred	35.9	44.8	60.9
29	Fuller	KSU	34.2	44.8	60.3
30	AP08T6224*	Syngenta	32.6	-	58.7
31	TAM 113 (TX02A0252)	TAMU	32.0	41.6	62.1
32	Weathermaster 135	Unknown	29.8	-	59.6
33	Bullet	OSU	28.3	37.8	61.4
34	Jagger	KSU	27.4	36.0	59.2
35	TAM W-101	TAMU	26.7	35.1	60.2
		Mean	**41.6**	**48.8**	**60.6**
		CV (%)	**11.4**	**10.0**	
		LSD (5%)	**7.8**	**6.1**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

Uniform Wheat Variety Trial - Hillsboro, HRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Grain Yield (bu/ac) 3-Year ‡	Test Weight (lb/bu) 2011
1	OK07209*	OSU	53.0	-	-	60.8
2	OK07214*	OSU	52.8	-	-	57.8
3	Duster	OSU	51.1	52.0	48.1	59.0
4	TAM 304	TAMU	51.0	48.3	43.7	58.1
5	Armour	Westbred	50.8	53.3	-	57.5
6	Greer	Syngenta	49.0	51.1	46.0	57.8
7	AP08TA6927*	Syngenta	48.4	-	-	62.5
8	Jackpot	Syngenta	47.9	51.1	46.1	58.6
9	TX06A001281*	TAMU	47.7	-	-	58.2
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11	AP08T6224*	Syngenta	47.4	-	-	58.1
12	TX05A001188*	TAMU	47.1	-	-	60.0
13	Jagalene	Syngenta	47.0	36.8	30.5	61.0
14	Fuller	KSU	46.9	46.5	41.4	58.6
15	Shocker	Westbred	46.8	43.7	43.1	59.3
16	TAM 112	TAMU	46.2	40.9	36.8	60.8
17	APH09T1122*	Syngenta	46.1	-	-	61.1
18	Fannin	Syngenta	46.0	49.8	46.9	61.0
19	Santa Fe	Westbred	45.8	44.4	40.0	58.8
20	TX06A001263*	TAMU	45.6	46.2	-	59.8
21	TAM 203	TAMU	45.1	50.0	44.5	58.9
22	Jagger	KSU	45.0	38.6	34.4	57.5
23	Garrison (OK05212)	OSU	45.0	46.5	-	56.9
24	Sturdy 2K	TAMU	44.6	46.5	42.6	59.6
25	Endurance	OSU	44.6	45.4	36.1	56.1
26	Coronado	Syngenta	44.1	44.3	39.5	57.8
27	AP08T5913*	Syngenta	43.5	-	-	61.0
28	TAM 401	TAMU	43.2	45.6	41.7	56.9
29	TAM 111	TAMU	43.1	47.1	39.1	60.6
30	Pete	OSU	42.5	47.1	40.0	59.8
31	Deliver	OSU	39.7	-	-	57.9
32	Bullet	OSU	39.6	42.6	34.8	59.9
33	TAM W-101	TAMU	39.5	39.9	33.3	59.7
34	TAM 113 (TX02A0252)	TAMU	39.0	44.2	36.7	59.3
35	Weathermaster 135	Unknown	32.2	-	-	55.7
		Mean	**45.7**	**46.2**	**40.7**	**59.0**
		CV (%)	**5.5**	**8.6**	**9.0**	
		LSD (5%)	**4.1**	**5.1**	**4.7**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

Uniform Wheat Variety Trial - Lamar Co., HRWW 2011

2011 Rank	Variety[1]	Source	Grain Yield (bu/ac) 2011	Test Weight (lb/bu) 2011
1	OK07209*	OSU	54.9	60.2
2	Duster	OSU	53.3	60.8
3	Endurance	OSU	53.2	59.1
4	Greer	Syngenta	52.1	55.6
5	Armour	Westbred	51.9	57.2
6	Santa Fe	Westbred	50.7	58.6
7	Fannin	Syngenta	50.1	60.6
8	AP08T6224*	Syngenta	48.5	58.6
9	TAM 203	TAMU	48.4	57.0
10	TAM 304	TAMU	48.2	56.7
11	Fuller	KSU	48.1	59.7
12	AP08T5913*	Syngenta	47.9	60.4
13	OK07214*	OSU	46.8	61.5
14	Shocker	Westbred	46.8	58.8
15	Sturdy 2K	TAMU	46.4	58.5
16	TX06A001263*	TAMU	46.2	58.8
17	APH09T1122*	Syngenta	45.8	60.5
18	TX05A001188*	TAMU	44.4	59.4
19	Jackpot	Syngenta	44.4	57.8
20	Garrison (OK05212)	OSU	43.2	58.0
21	TAM 112	TAMU	42.4	58.0
22	TAM 111	TAMU	41.9	59.3
23	TAM 113 (TX02A0252)	TAMU	41.6	60.1
24	Billings	OSU	40.3	60.1
25	Coronado	Syngenta	39.7	59.0
26	TAM W-101	TAMU	39.3	58.4
27	Bullet	OSU	37.8	58.8
28	Jagger	KSU	36.7	56.2
29	Jagalene	Syngenta	34.1	58.8
		Mean	**45.7**	**58.8**
		CV (%)	**10.3**	
		LSD (5%)	**7.6**	

* Experimental wheat breeding line
Data was not available prior to 2011
[1]Awnless varieties were destroyed by hogs.

Uniform Wheat Variety Trial - McGregor, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year†	3-Year ‡	Test Weight (lb/bu) 2011
1	TX06A001263*	TAMU	41.4	33.6	-	56.6
2	Billings	OSU	41.2	40.3	-	56.7
3	Armour	Westbred	41.1	37.1	-	55.3
4	Coronado	Syngenta	40.2	29.1	51.8	56.5
5	OK07209*	OSU	39.9	-	-	58.1
6	Endurance	OSU	39.5	33.4	56.9	56.0
7	Deliver	OSU	39.1	32.6	59.5	58.5
8	Pete	OSU	39.1	34.1	-	58.0
9	Duster	OSU	38.9	35.6	65.5	56.8
10	Fannin	Syngenta	38.8	32.3	52.3	58.5
11	Jagger	KSU	38.3	23.4	44.0	55.6
12	TX06A001281*	TAMU	38.3	-	-	55.1
13	AP08T6224*	Syngenta	38.3	-	-	54.9
14	TAM 304	TAMU	37.6	34.1	59.8	54.2
15	Jackpot	Syngenta	36.5	33.3	61.8	55.8
16	TAM 112	TAMU	36.2	23.9	54.4	57.5
17	Sturdy 2K	TAMU	35.7	33.6	55.1	55.5
18	AP08TA6927*	Syngenta	35.6	-	-	58.6
19	TAM 203	TAMU	34.8	35.7	60.9	55.8
20	AP08T5913*	Syngenta	34.7	-	-	58.2
21	Weathermaster 135	Unknown	34.4	-	-	55.6
22	OK07214*	OSU	34.1	-	-	56.8
23	Fuller	KSU	34.1	28.3	56.7	55.7
24	Santa Fe	Westbred	33.9	38.2	51.7	57.4
25	Jagalene	Syngenta	33.6	26.6	38.3	56.7
26	TAM 111	TAMU	33.2	28.2	49.9	57.4
27	TAM 113 (TX02A0252)	TAMU	33.0	24.9	49.2	56.8
28	Garrison (OK05212)	OSU	32.5	25.1	-	55.5
29	TX05A001188*	TAMU	32.4	-	-	56.4
30	Shocker	Westbred	32.3	32.4	58.3	56.1
31	Greer	Syngenta	32.1	33.8	-	53.9
32	Bullet	OSU	31.3	22.7	44.0	57.1
33	TAM W-101	TAMU	30.6	19.0	40.8	56.8
34	APH09T1122*	Syngenta	30.1	-	-	58.7
35	TAM 401	TAMU	23.8	24.9	54.3	53.4
		Mean	**36.0**	**30.6**	**53.2**	**56.4**
		CV (%)	**14.8**	**25.4[a]**	**13.8**	
		LSD (5%)	**7.3**	**8.5**	**9.1**	

* Experimental wheat breeding line

†Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

[a]Trials with a coefficient of variation (CV) ≥ 15% contain excessive experimental error.
Readers should consider trials in a similar environment to confirm varietal effect on yields.

Uniform Wheat Variety Trial - Muenster, HRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †
1	Duster	OSU	42.4	44.4
2	Endurance	OSU	41.5	39.4
3	Jagalene	Syngenta	40.8	29.6
4	Jackpot	Syngenta	39.3	38.3
5	TAM 112	TAMU	36.7	31.8
6	APH09T1122*	Syngenta	36.2	-
7	TAM 113 (TX02A0252)	TAMU	36.0	39.4
8	Santa Fe	Westbred	35.6	38.6
9	Weathermaster 135	Unknown	35.4	-
10	TAM 401	TAMU	35.3	38.7
11	Armour	Westbred	35.2	38.7
12	Sturdy 2K	TAMU	35.0	39.7
13	Jagger	KSU	35.0	28.9
14	TAM 304	TAMU	34.6	38.4
15	TX06A001281*	TAMU	34.2	-
16	AP08T5913*	Syngenta	34.1	-
17	Garrison (OK05212)	OSU	33.5	38.4
18	Pete	OSU	32.8	35.1
19	TX05A001188*	TAMU	32.8	-
20	Billings	OSU	32.6	46.9
21	OK07214*	OSU	32.2	-
22	TX06A001263*	TAMU	31.9	43.2
23	Greer	Syngenta	31.9	37.0
24	Coronado	Syngenta	31.9	33.7
25	OK07209*	OSU	30.7	-
26	TAM 111	TAMU	27.5	29.4
27	Fannin	Syngenta	26.8	38.4
28	Shocker	Westbred	25.9	29.4
29	AP08TA6927*	Syngenta	25.2	-
30	Bullet	OSU	25.1	24.4
31	TAM W-101	TAMU	25.0	24.4
32	Fuller	KSU	22.1	27.7
33	TAM 203	TAMU	17.1	28.0
34	Deliver	OSU	16.2	-
35	AP08T6224*	Syngenta	15.6	-
		Mean	**31.7**	**35.3**
		CV (%)	**14.2**	**12.3**
		LSD (5%)	**7.4**	**5.4**

* Experimental wheat breeding line

† Yield average for 2011 and 2010

Yields were not available for 2009.

Test Weights were not available at time of publication.

Uniform Wheat Variety Trial - Prosper, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡	Test Weight (lb/bu) 2011
1	OK07214*	OSU	71.0	-	-	61.0
2	OK07209*	OSU	70.5	-	-	60.9
3	Duster	OSU	64.5	59.4	60.8	62.0
4	Jackpot	Syngenta	63.4	60.0	60.4	61.5
5	Shocker	Westbred	63.2	58.8	60.2	60.1
6	TX06A001263*	TAMU	62.3	61.4	-	61.0
7	Garrison (OK05212)	OSU	61.2	55.9	-	60.8
8	TX05A001188*	TAMU	60.5	-	-	60.0
9	Armour	Westbred	60.4	63.7	-	61.1
10	TAM 304	TAMU	60.2	60.9	60.1	60.8
11	Deliver	OSU	58.9	62.1	58.6	60.6
12	AP08T6224*	Syngenta	58.9	-	-	60.1
13	Fannin	Syngenta	58.6	61.3	58.7	60.2
14	TAM 401	TAMU	57.9	62.1	61.5	60.5
15	AP08TA6927*	Syngenta	57.8	-	-	61.2
16	TAM 111	TAMU	57.8	50.1	49.8	60.9
17	TAM 113 (TX02A0252)	TAMU	57.6	52.0	47.2	59.6
18	Sturdy 2K	TAMU	56.9	59.0	58.5	61.3
19	Weathermaster 135	Unknown	56.7	-	-	60.0
20	TAM W-101	TAMU	56.6	49.5	44.8	61.4
21	TX06A001281*	TAMU	56.3	-	-	59.7
22	Greer	Syngenta	56.2	55.1	-	61.0
23	Santa Fe	Westbred	56.2	56.0	55.7	59.5
24	TAM 203	TAMU	56.1	58.8	57.2	60.9
25	Coronado	Syngenta	55.6	53.8	50.3	61.0
26	Fuller	KSU	55.1	54.2	57.8	60.4
27	Pete	OSU	54.6	52.3	-	60.6
28	AP08T5913*	Syngenta	54.2	-	-	61.6
29	Endurance	OSU	52.9	54.0	56.6	61.8
30	Billings	OSU	52.9	56.4	-	61.4
31	TAM 112	TAMU	52.3	48.2	53.5	59.8
32	APH09T1122*	Syngenta	52.0	-	-	60.6
33	Jagalene	Syngenta	47.8	38.8	39.2	62.0
34	Jagger	KSU	46.5	43.0	42.2	59.0
35	Bullet	OSU	43.2	41.5	42.4	58.5
		Mean	**57.3**	**54.9**	**53.8**	**60.7**
		CV (%)	**11.6**	**10.7**	**10.4**	
		LSD (5%)	**10.8**	**6.8**	**6.6**	

* Experimental wheat breeding line

†Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2008

Yields were not available for 2009

Uniform Wheat Variety Trial - Blacklands Yield Summary 2011 - Soft Wheat

2011 Rank	Variety	Source	Yield bu/ac AVG	Ellis Co.	Hillsboro	Lamar	Muenster	Prosper
1	Terral TV8861	Terral Seed	**66.4**	81.8	66.0	59.8	47.2	77.2
2	Terral TVX8525*	Terral Seed	**64.9**	70.1	67.3	59.8	51.8	75.7
3	Pioneer 25R40	Pioneer	**61.4**	71.5	62.7	59.4	42.5	70.8
4	Pioneer 25R30	Pioneer	**60.6**	71.1	59.9	63.3	44.2	64.7
5	USG 3251	UniSouth Genetics	**60.5**	62.8	61.3	63.6	44.2	70.6
6	USG 3409	UniSouth Genetics	**59.0**	69.7	61.8	-	39.0	65.4
7	USG 3201	UniSouth Genetics	**57.2**	67.0	55.7	56.4	40.4	66.6
8	USG 3209	UniSouth Genetics	**56.4**	62.9	60.3	-	33.8	68.5
9	USG 3555	UniSouth Genetics	**56.2**	74.1	54.7	-	29.2	66.7
10	Terral TVX8535*	Terral Seed	**56.2**	73.5	59.0	56.8	31.5	60.3
11	Dyna-Gro 9012	Dyna-Gro	**55.4**	61.5	58.6	53.8	35.2	67.9
12	Terral TV8558	Terral Seed	**55.1**	69.7	54.4	-	35.5	60.8
13	Terral TVX8848*	Terral Seed	**54.6**	67.1	52.7	52.6	38.3	62.5
14	Pioneer 25R47	Pioneer	**54.1**	62.0	57.0	50.7	45.4	55.6
15	Dyna-Gro Baldwin	Dyna-Gro	**53.9**	49.9	49.7	59.2	43.2	67.7
16	AGS 2035	AgSouth Genetics	**53.7**	52.0	51.9	57.2	45.2	62.0
17	Terral TVX8626*	Terral Seed	**53.7**	63.9	53.5	53.2	38.8	59.4
18	TAMsoft 700	TAMU	**53.6**	63.4	53.1	-	37.8	60.2
19	AGS 2026	AgSouth Genetics	**53.5**	61.3	55.7	-	33.3	63.8
20	Terral TV8589	Terral Seed	**53.5**	59.7	55.3	-	40.3	58.6
21	Dyna-Gro 9053	Dyna-Gro	**53.0**	59.4	50.4	54.8	39.0	61.4
22	Oakes	Syngenta	**52.5**	58.1	51.2	-	42.6	58.1
23	AGS 2020	AgSouth Genetics	**52.2**	64.9	47.2	53.4	36.1	59.5
24	GA001138-8E36*	UGA	**52.2**	48.7	51.8	61.1	35.1	64.1
25	USG 3665	UniSouth Genetics	**52.0**	58.1	55.3	-	31.4	63.0
26	Magnolia	Syngenta	**51.7**	63.7	47.4	51.8	39.1	56.3
27	Coker 9700	Syngenta	**50.7**	72.3	46.5	-	25.2	58.6
28	Terral LA 821	Terral Seed	**50.6**	58.2	43.1	56.0	38.3	57.6
29	Terral LA 841	Terral Seed	**50.3**	51.6	47.8	56.9	34.9	60.1
30	Coker 9553	Syngenta	**49.2**	64.4	51.5	48.1	28.7	53.4
31	Arcadia	Syngenta	**49.1**	66.1	49.0	46.6	34.2	49.3
32	Pioneer 25R56	Pioneer	**48.2**	62.7	49.4	-	20.4	60.4
33	Fannin**	Syngenta	**48.2**	58.1	49.8	47.2	28.6	57.4
34	LA01110D-150*	LSU	**47.0**	54.7	48.2	46.7	29.8	55.5
35	AGS 2010	AgSouth Genetics	**46.2**	52.7	49.2	-	26.5	56.5
36	Coker 9663	Syngenta	**45.0**	55.7	43.2	-	29.3	51.9
37	TAM 203**	TAMU	**43.9**	41.6	49.6	55.8	17.5	55.2
38	Crawford	Syngenta	**43.8**	49.7	42.2	-	24.1	59.1
39	Mason	Syngenta	**42.9**	49.2	45.8	-	32.0	44.6
40	Terral TVX8460*	Terral Seed	**40.1**	55.9	37.2	-	19.1	48.1
		Mean	**52.7**	**61.5**	**52.7**	**55.2**	**35.2**	**60.9**
		CV (%)	**9.7**	**12.6**	**6.0**	**5.3**	**12.7**	**9.9**
		LSD (5%)	**2.8**	**12.6**	**5.1**	**4.8**	**7.2**	**9.7**

* Experimental wheat breeding line

**Hard wheat varieties

Uniform Wheat Variety Trial - Ellis County, SRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡	Test Weight (lb/bu) 2011
1	Terral TV8861	Terral Seed	81.8	80.9	-	59.3
2	USG 3555	UniSouth Genetics	74.1	75.1	73.8	57.0
3	Terral TVX8535*	Terral Seed	73.5	-	-	56.4
4	Coker 9700	Syngenta	72.3	79.1	73.8	60.8
5	Pioneer 25R40	Pioneer	71.5	-	-	58.6
6	Pioneer 25R30	Pioneer	71.1	-	-	60.4
7	Terral TVX8525*	Terral Seed	70.1	-	-	59.2
8	USG 3409	UniSouth Genetics	69.7	76.3	-	60.0
9	Terral TV8558	Terral Seed	69.7	74.7	-	59.1
10	Terral TVX8848*	Terral Seed	67.1	-	-	57.8
11	USG 3201	UniSouth Genetics	67.0	-	-	59.2
12	Arcadia	Syngenta	66.1	-	-	59.3
13	AGS 2020	AgSouth Genetics	64.9	-	-	59.1
14	Coker 9553	Syngenta	64.4	71.3	68.3	60.9
15	Terral TVX8626*	Terral Seed	63.9	-	-	54.6
16	Magnolia	Syngenta	63.7	66.3	59.9	57.7
17	TAMsoft 700	TAMU	63.4	68.5	67.8	59.6
18	USG 3209	UniSouth Genetics	62.9	69.9	71.1	59.8
19	USG 3251	UniSouth Genetics	62.8	-	-	58.2
20	Pioneer 25R56	Pioneer	62.7	70.0	59.5	59.1
21	Pioneer 25R47	Pioneer	62.0	71.6	65.1	58.3
22	Dyna-Gro 9012	Dyna-Gro	61.5	67.3	-	59.2
23	AGS 2026	AgSouth Genetics	61.3	-	-	60.4
24	Terral TV8589	Terral Seed	59.7	-	-	57.8
25	Dyna-Gro 9053	Dyna-Gro	59.4	-	-	55.9
26	Terral LA 821	Terral Seed	58.2	70.0	-	59.5
27	Fannin**	Syngenta	58.1	62.3	63.0	61.1
28	Oakes	Syngenta	58.1	-	-	60.7
29	USG 3665	UniSouth Genetics	58.1	67.9	-	59.2
30	Terral TVX8460*	Terral Seed	55.9	-	-	57.6
31	Coker 9663	Syngenta	55.7	59.1	54.9	58.9
32	LA01110D-150*	LSU	54.7	68.3	-	58.8
33	AGS 2010	AgSouth Genetics	52.7	-	-	62.1
34	AGS 2035	AgSouth Genetics	52.0	66.1	-	59.6
35	Terral LA 841	Terral Seed	51.6	65.7	67.1	58.5
36	Dyna-Gro Baldwin	Dyna-Gro	49.9	61.7	-	60.4
37	Crawford	Syngenta	49.7	63.5	58.7	58.9
38	Mason	Syngenta	49.2	53.5	46.0	56.2
39	GA001138-8E36*	UGA	48.7	-	-	60.0
40	TAM 203**	TAMU	41.6	55.9	53.9	59.4
		Mean	**61.5**	**68.0**	**63.1**	**59.0**
		CV (%)	**12.6**	**10.3**	**10.5**	
		LSD (5%)	**12.6**	**9.4**	**8.8**	

*Experimental Lines

**Hard wheat varieties

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2008

Yields were not available for 2009

Uniform Wheat Variety Trial - Hillsboro, SRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡	Test Weight (lb/bu) 2011
1	Terral TVX8525*	Terral Seed	67.3	-	-	59.0
2	Terral TV8861	Terral Seed	66.0	65.8	-	58.1
3	Pioneer 25R40	Pioneer	62.7	-	-	58.1
4	USG 3409	UniSouth Genetics	61.8	61.6	-	58.0
5	USG 3251	UniSouth Genetics	61.3	-	-	57.2
6	USG 3209	UniSouth Genetics	60.3	59.0	58.6	58.4
7	Pioneer 25R30	Pioneer	59.9	-	-	59.8
8	Terral TVX8535*	Terral Seed	59.0	-	-	56.3
9	Dyna-Gro 9012	Dyna-Gro	58.6	60.9	-	59.5
10	Pioneer 25R47	Pioneer	57.0	59.2	50.7	55.8
11	AGS 2026	AgSouth Genetics	55.7	-	-	59.1
12	USG 3201	UniSouth Genetics	55.7	-	-	58.7
13	Terral TV8589	Terral Seed	55.3	-	-	57.2
14	USG 3665	UniSouth Genetics	55.3	60.6	-	57.0
15	USG 3555	UniSouth Genetics	54.7	59.3	-	57.5
16	Terral TV8558	Terral Seed	54.4	57.0	55.5	57.0
17	Terral TVX8626*	Terral Seed	53.5	-	-	55.4
18	TAMsoft 700	TAMU	53.1	54.0	48.7	57.5
19	Terral TVX8848*	Terral Seed	52.7	-	-	57.2
20	AGS 2035	AgSouth Genetics	51.9	55.1	51.3	58.8
21	GA001138-8E36*	UGA	51.8	-	-	59.3
22	Coker 9553	Syngenta	51.5	57.2	52.2	59.6
23	Oakes	Syngenta	51.2	-	-	59.5
24	Dyna-Gro 9053	Dyna-Gro	50.4	-		55.1
25	Fannin**	Syngenta	49.8	54.9	49.5	61.3
26	Dyna-Gro Baldwin	Dyna-Gro	49.7	57.6	-	59.2
27	TAM 203**	TAMU	49.6	51.4	45.7	59.0
28	Pioneer 25R56	Pioneer	49.4	54.2	49.4	56.6
29	AGS 2010	AgSouth Genetics	49.2	50.6	46.5	60.3
30	Arcadia	Syngenta	49.0	53.4	-	58.4
31	LA01110D-150*	LSU	48.2	55.3	-	57.7
32	Terral LA 841	Terral Seed	47.8	55.4	55.5	57.3
33	Magnolia	Syngenta	47.4	50.8	47.0	57.8
34	AGS 2020	AgSouth Genetics	47.2	-	-	57.4
35	Coker 9700	Syngenta	46.5	52.5	47.2	59.6
36	Mason	Syngenta	45.8	45.0	-	56.5
37	Coker 9663	Syngenta	43.2	41.3	35.7	58.7
38	Terral LA 821	Terral Seed	43.1	49.6	-	58.3
39	Crawford	Syngenta	42.2	49.5	46.5	58.0
40	Terral TVX8460*	Terral Seed	37.2	-	-	56.8
		Mean	**52.7**	**54.8**	**49.3**	**58.1**
		CV (%)	**6.0**	**7.5**	**7.7**	
		LSD (5%)	**5.1**	**5.5**	**5.0**	

*Experimental Lines

**Hard wheat varieties

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

Uniform Wheat Variety Trial - Howe, SRWW vs. HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year†	3-Year ‡	Test Weight (lb/bu) 2011
1	USG 3555	UniSouth Genetics	84.4	76.1	-	60.1
2	AGS 2035	AgSouth Genetics	83.3	-	-	60.6
3	USG 3295	UniSouth Genetics	83.0	77.4	75.5	60.6
4	Terral LA 841	Terral Seed	82.8	75.8	72.7	60.4
5	TAM 304**	TAMU	81.5	76.0	70.4	59.5
6	Oakes	Syngenta	81.2	-	-	60.4
7	Magnolia	Syngenta	79.7	70.1	69.9	60.6
8	Coker 9553	Syngenta	79.3	74.7	72.9	62.0
9	Pioneer 25R57	Pioneer	78.5	73.3	69.7	59.2
10	Fannin**	Syngenta	78.2	68.9	66.1	63.2
11	Pioneer 25R47	Pioneer	74.9	74.8	72.8	56.1
12	Greer**	Syngenta	74.6	-	-	57.7
13	Billings**	OSU	70.7	-	-	62.1
14	TAM 203**	TAMU	67.5	67.0	63.7	59.3
15	TAM 401**	TAMU	65.5	66.7	63.4	58.4
16	Jackpot**	Syngenta	59.6	66.3	66.5	59.2
		Mean	**76.5**	**72.2**	**69.4**	**60.0**
"Experimental Lines		**CV (%)**	**8.2**	**7.2**	**7.0**	
**Hard Winter Wheat Varieties		**LSD (5%)**	**6.0**	**5.9**	**4.9**	

† Yield average for 2010 and 2009

Uniform Wheat Variety Trial - Lamar County, SRWW 2011

2011 Rank	Variety[1]	Source	Grain Yield (bu/ac) 2011	Test Weight (lb/bu) 2011
1	USG 3251	UniSouth Genetics	63.6	58.8
2	Pioneer 25R30	Pioneer	63.3	59.5
3	GA001138-8E36*	UGA	61.1	60.2
4	Terral TVX8525*	Terral Seed	59.8	59.2
5	Terral TV8861	Terral Seed	59.8	57.5
6	Pioneer 25R40	Pioneer	59.4	57.8
7	Dyna-Gro Baldwin	Dyna-Gro	59.2	60.0
8	AGS 2035	AgSouth Genetics	57.2	59.4
9	Terral LA 841	Terral Seed	56.9	58.1
10	Terral TVX8535*	Terral Seed	56.8	54.8
11	USG 3201	UniSouth Genetics	56.4	58.9
12	Terral LA 821	Terral Seed	56.0	58.9
13	TAM 203**	TAMU	55.8	56.7
14	Dyna-Gro 9053	Dyna-Gro	54.8	55.0
15	Dyna-Gro 9012	Dyna-Gro	53.8	58.4
16	AGS 2020	AgSouth Genetics	53.4	58.3
17	Terral TVX8626*	Terral Seed	53.2	55.0
18	Terral TVX8848*	Terral Seed	52.6	57.4
19	Magnolia	Syngenta	51.8	59.0
20	Pioneer 25R47	Pioneer	50.7	54.7
21	Coker 9553	Syngenta	48.1	-
22	Fannin**	Syngenta	47.2	60.2
23	LA01110D-150*	LSU	46.7	58.6
24	Arcadia	Syngenta	46.6	57.6
		Mean	**55.2**	**58.0**
		CV (%)	**5.3**	
		LSD (5%)	**4.8**	

*Experimental Lines

**Hard wheat varieties

[1]Awnless varieties were destroyed by hogs.

Uniform Wheat Variety Trial - Muenster, SRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Test Weight (lb/bu) 2011
1	Terral TVX8525*	Terral Seed	51.8	-	57.4
2	Terral TV8861	Terral Seed	47.2	48.6	58.5
3	Pioneer 25R47	Pioneer	45.4	47.1	57.2
4	AGS 2035	AgSouth Genetics	45.2	50.9	57.0
5	Pioneer 25R30	Pioneer	44.2	-	59.3
6	USG 3251	UniSouth Genetics	44.2	-	58.8
7	Dyna-Gro Baldwin	Dyna-Gro	43.2	51.4	59.0
8	Oakes	Syngenta	42.6	-	58.8
9	Pioneer 25R40	Pioneer	42.5	-	58.4
10	USG 3201	UniSouth Genetics	40.4	-	59.0
11	Terral TV8589	Terral Seed	40.3	-	56.4
12	Magnolia	Syngenta	39.1	44.5	60.7
13	USG 3409	UniSouth Genetics	39.0	44.1	55.4
14	Dyna-Gro 9053	Dyna-Gro	39.0	-	54.4
15	Terral TVX8626*	Terral Seed	38.8	-	55.0
16	Terral LA 821	Terral Seed	38.3	45.9	57.5
17	Terral TVX8848*	Terral Seed	38.3	-	57.0
18	TAMsoft 700	TAMU	37.8	41.9	54.0
19	AGS 2020	AgSouth Genetics	36.1	-	55.5
20	Terral TV8558	Terral Seed	35.5	40.9	57.0
21	Dyna-Gro 9012	Dyna-Gro	35.2	41.0	59.3
22	GA001138-8E36*	UGA	35.1	-	61.0
23	Terral LA 841	Terral Seed	34.9	49.1	56.5
24	Arcadia	Syngenta	34.2	46.6	57.3
25	USG 3209	UniSouth Genetics	33.8	44.3	57.9
26	AGS 2026	AgSouth Genetics	33.3	-	55.5
27	Mason	Syngenta	32.0	37.5	57.1
28	Terral TVX8535*	Terral Seed	31.5	-	56.4
29	USG 3665	UniSouth Genetics	31.4	40.5	56.5
30	LA01110D-150*	LSU	29.8	43.6	59.0
31	Coker 9663	Syngenta	29.3	33.2	58.1
32	USG 3555	UniSouth Genetics	29.2	46.4	57.4
33	Coker 9553	Syngenta	28.7	42.4	59.6
34	Fannin**	Syngenta	28.6	41.2	60.2
35	AGS 2010	AgSouth Genetics	26.5	-	57.9
36	Coker 9700	Syngenta	25.2	41.2	59.0
37	Crawford	Syngenta	24.1	35.3	57.1
38	Pioneer 25R56	Pioneer	20.4	33.1	55.5
39	Terral TVX8460*	Terral Seed	19.1	-	57.0
40	TAM 203**	TAMU	17.5	31.5	55.7
		Mean	**35.2**	**42.6**	**57.5**
		CV (%)	**12.7**	**9.9**	
		LSD (5%)	**7.2**	**5.6**	

*Experimental Lines

**Hard wheat varieties

† Yield average for 2011 and 2010

Uniform Wheat Variety Trial - Prosper, SRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡	Test Weight (lb/bu) 2011
1	Terral TV8861	Terral Seed	77.2	71.6	-	59.9
2	Terral TVX8525*	Terral Seed	75.7	-	-	59.9
3	Pioneer 25R40	Pioneer	70.8	-	-	59.3
4	USG 3251	UniSouth Genetics	70.6	-	-	59.3
5	USG 3209	UniSouth Genetics	68.5	66.1	59.1	59.3
6	Dyna-Gro 9012	Dyna-Gro	67.9	64.2	-	60.0
7	Dyna-Gro Baldwin	Dyna-Gro	67.7	66.2	-	60.8
8	USG 3555	UniSouth Genetics	66.7	66.4	62.0	59.5
9	USG 3201	UniSouth Genetics	66.6	-	-	60.0
10	USG 3409	UniSouth Genetics	65.4	63.5	-	58.6
11	Pioneer 25R30	Pioneer	64.7	-	-	60.8
12	GA001138-8E36*	UGA	64.1	-	-	62.0
13	AGS 2026	AgSouth Genetics	63.8	-	-	58.2
14	USG 3665	UniSouth Genetics	63.0	63.1	-	58.9
15	Terral TVX8848*	Terral Seed	62.5	-	-	58.9
16	AGS 2035	AgSouth Genetics	62.0	67.3	-	60.6
17	Dyna-Gro 9053	Dyna-Gro	61.4	-	-	54.7
18	Terral TV8558	Terral Seed	60.8	62.3	-	58.2
19	Pioneer 25R56	Pioneer	60.4	59.9	57.4	59.0
20	Terral TVX8535*	Terral Seed	60.3	-	-	55.8
21	TAMsoft 700	TAMU	60.2	61.3	56.2	57.1
22	Terral LA 841	Terral Seed	60.1	62.5	54.4	58.0
23	AGS 2020	AgSouth Genetics	59.5	-	-	59.4
24	Terral TVX8626*	Terral Seed	59.4	-	-	55.0
25	Crawford	Syngenta	59.1	63.7	55.0	59.8
26	Coker 9700	Syngenta	58.6	62.5	59.7	60.3
27	Terral TV8589	Terral Seed	58.6	-	-	58.7
28	Oakes	Syngenta	58.1	-	-	60.6
29	Terral LA 821	Terral Seed	57.6	57.7	-	59.6
30	Fannin**	Syngenta	57.4	61.9	53.5	61.9
31	AGS 2010	AgSouth Genetics	56.5	-	-	59.8
32	Magnolia	Syngenta	56.3	57.6	52.0	60.8
33	Pioneer 25R47	Pioneer	55.6	55.2	49.8	56.8
34	LA01110D-150*	LSU	55.5	63.5	-	60.7
35	TAM 203**	TAMU	55.2	58.3	53.3	58.6
36	Coker 9553	Syngenta	53.4	59.3	53.1	61.6
37	Coker 9663	Syngenta	51.9	48.5	46.0	59.2
38	Arcadia	Syngenta	49.3	-	-	58.5
39	Terral TVX8460*	Terral Seed	48.1	-	-	59.5
40	Mason	Syngenta	44.6	48.8	48.2	58.6
		Mean	**60.9**	**61.4**	**54.3**	**59.2**
		CV (%)	**9.9**	**8.7**	**9.5**	
		LSD (5%)	**9.7**	**7.3**	**7.1**	

*Experimental Lines

**Hard wheat varieties

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2008

Yields were not available for 2009

Uniform Wheat Variety Trial - Royse City, SRWW 2011

2011			Grain Yield (bu/ac)			Test Weight (lb/bu)
Rank	Variety	Source	2011	2-Year†	3-Year ‡	2011
1	Terral TVX8525	Terral Seed	87.1	-	-	58.0
2	USG 3251	UniSouth Genetics	84.7	81.3	-	57.8
3	USG 3120	UniSouth Genetics	84.0	-	-	59.9
4	Pioneer 25R40	Pioneer	82.5	-	-	57.8
5	Terral TV8558	Terral Seed	79.0	79.1	78.3	58.1
6	Pioneer 25R30	Pioneer	78.9	-	-	58.1
7	USG 3665	UniSouth Genetics	78.8	76.7	78.4	58.1
8	USG 3201	UniSouth Genetics	78.6	77.0	-	58.8
9	USG 3409	UniSouth Genetics	77.8	-	-	58.7
10	Oakes	Syngenta	77.2	79.5	-	60.2
11	USG 3295	UniSouth Genetics	76.5	79.0	80.4	59.2
12	TAMsoft 700	TAMU	75.9	76.5	77.8	58.0
13	USG 3555	USG	70.2	70.3	81.1	58.6
14	Coker 9553	Syngenta	69.8	72.0	75.8	60.6
15	Terral LA 841	Terral Seed	65.5	74.5	79.1	57.2
16	Magnolia	Syngenta	65.0	70.9	80.4	58.6
17	AGS 2035	AgSouth Genetics	64.9	-	-	59.2
18	Pioneer 25R57	Pioneer	64.7	-	-	57.2
19	Pioneer 25R47	Pioneer	63.1	76.0	77.9	54.8
20	Terral TVX8848	Terral Seed	62.5	-	-	56.0
21	Terral TVX8535	Terral Seed	57.7	-	-	55.9
22	Terral TVX8626	Terral Seed	57.7	-	-	53.8
23	Arcadia	Syngenta	56.7	69.0	-	58.6
24	Terral TVX8460	Terral Seed	50.9	-	-	57.8
		Mean	**71.2**	**75.5**	**78.8**	**58.0**
*Experimental Lines		**CV (%)**	**6.9**	**8.2**	**8.3**	
**Hard wheat varieties		**LSD (5%)**	**4.7**	**6.9**	**6.9**	

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2008

Yields were not available for 2009

Uniform Wheat Variety Trial - Royse City, SRWW vs. HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year†	3-Year ‡	Test Weight (lb/bu) 2011
1	TAM 304**	TAMU	76.7	73.5	74.8	58.4
2	Oakes	Syngenta	75.3	-	-	59.9
3	Billings**	OSU	73.6	-	-	60.8
4	USG 3295	UniSouth Genetics	72.2	77.3	78.2	59.4
5	USG 3555	UniSouth Genetics	69.1	75.7	-	58.9
6	Coker 9553	Syngenta	67.5	73.7	73.6	61.0
7	TAM 401**	TAMU	66.2	69.0	72.6	58.0
8	Pioneer 25R57	Pioneer	65.3	-	-	57.2
9	Magnolia	Syngenta	64.1	72.2	76.6	59.1
10	TAM 203**	TAMU	63.6	68.1	67.0	58.4
11	Pioneer 25R47	Pioneer	62.6	71.9	74.2	55.1
12	Fannin**	Syngenta	61.9	69.3	72.7	61.9
13	AGS 2035	AgSouth Genetics	61.7	-	-	59.4
14	Terral LA 841	Terral Seed	61.0	72.1	76.3	57.7
15	Greer**	Syngenta	57.2	-	-	55.8
16	Jackpot**	Syngenta	50.5	58.2	65.0	59.3
		Mean	**65.5**	**71.0**	**73.1**	**58.8**
"Experimental Lines		**CV (%)**	**6.5**	**7.4**	**8.9**	
**Hard Wheat Varieties		**LSD (5%)**	**4.0**	**5.7**	**6.4**	

† Yield average for 2010 and 2009

‡ Yield average for 2010, 2009, and 2008

High Plains Locations Agronomic Data

Location[1]	Yield Limiting Issues	Planting Date	Water*	Seeding Rate
				lb/a
Bushland	Extreme drought; Above average temperatures; Wind at grain fill	10/26/10	D	45
Bushland	Above average temperatures; Wind at grain fill	10/15/10	IL	60
Clovis	Drought; High temperatures during grain fill	10/25/10	D	40
Clovis	High temperatures during grain fill; Freezing temperatures just prior to heading	10/15/10	IL	80
Dalhart	Drought and high temperatures during grain fill;	10/7/10	IL	80
Dimmit	High temperatures during grain fill; Freezing temperatures prior to heading	1018/10	IF	80
Etter	Extreme drought; Poor stand	11/2/10	D	45
Etter	Above average temperatures; Wind at grain fill	11/2/10	IL	60
Floyd County	Extreme drought and high temperatures **Data Not Shown**	11/3/10	IL	-
Gaines County	Extreme drought and high temperatures	11/12/10	IL	-
Groom	Drought and high temperatures during grain fill	10/20/10	D	40
Hereford	Drought and high temperatures during grain fill	10/15/10	D	40
Perryton (Syngenta)	Extreme drought conditions; *Wheat streak mosaic virus*	10/29/10	D	60
Perryton (Syngenta)	Extreme drought conditions; *Wheat streak mosaic virus*	10/29/10	IF	60
Silverton	Drought and high temperatures during grain fill	10/19/10	D	80

*Irrigation: IF = Irrigated Full, IL = Irrigated Limited, D = Dryland

Uniform Wheat Variety Trial - High Plains Yield Summary 2011

			2011 Yield bu/ac															
2011 Rank**	Variety	Source	Irr. AVG	Bushland Irr.	Clovis Irr.	Dalhart	Dimmit	Etter Irr.	Gaines Co.	Perryton Irr.	Dry AVG	Busland D.	Clovis D.	Etter D.	Gray Co.	Hereford	Perryton D.	Silverton
1	TAM 111	TAMU	**61.6**	66.9	84.8	49.8	81.1	56.5	30.9	61.2	**22.2**	14.9	17.7	10.4	35.1	15.0	28.7	33.3
2	TAM 112	TAMU	**60.6**	71.2	65.8	56.5	72.1	58.5	37.5	62.6	**26.2**	16.5	21.2	15.7	38.7	18.4	37.0	35.5
3	TAM 113 (TX02A0252)	TAMU	**60.0**	75.0	68.0	52.0	69.1	59.5	35.6	61.1	**26.1**	13.4	20.8	18.5	38.8	18.0	38.1	35.2
4	OK07209*	OSU	**59.3**	73.0	73.2	46.7	62.2	59.2	36.4	64.3	**25.1**	15.8	18.6	13.9	36.4	15.0	38.9	37.1
5	Winterhawk	Westbred	**59.2**	69.8	71.8	42.6	78.1	57.3	33.7	61.3	**23.8**	15.1	15.8	14.2	35.7	15.7	38.1	32.2
6	Duster	OSU	**58.7**	69.6	71.6	44.0	79.8	54.1	35.6	56.1	**21.8**	13.9	16.9	9.6	30.6	18.3	34.6	28.8
7	AP503 CL2	Syngenta	**57.9**	76.1	64.8	49.1	68.2	53.2	33.2	61.1	**22.7**	14.9	15.7	10.1	37.9	15.1	34.3	30.5
8	Bill Brown	CSU	**57.5**	70.2	67.8	42.0	75.5	55.2	40.0	51.8	**21.7**	13.2	13.9	9.3	39.1	15.0	33.9	27.9
9	TAM 203	TAMU	**57.3**	65.5	55.4	55.1	87.5	49.8	34.4	53.6	**22.2**	13.4	13.4	10.6	34.4	15.3	33.9	34.6
10	Armour	Westbred	**56.3**	67.0	64.3	49.0	67.3	54.2	36.7	55.8	**24.5**	15.9	17.5	12.7	42.3	17.1	32.6	33.5
11	OK07214*	OSU	**56.1**	74.4	64.8	44.0	68.3	53.9	34.1	53.3	**22.4**	12.8	12.9	13.7	37.3	16.7	30.9	32.4
12	Hatcher	CSU	**55.4**	67.6	67.3	46.4	58.3	58.1	34.2	55.9	**23.3**	14.1	17.2	13.2	36.5	13.9	37.9	30.2
13	Cedar	Westbred	**55.3**	63.5	70.5	41.6	67.0	43.7	39.9	60.9	**20.4**	14.0	12.0	7.7	37.3	13.9	32.2	25.6
14	Garrison (OK05212)	OSU	**55.1**	65.5	68.9	42.9	71.2	51.5	30.1	55.2	**21.9**	12.3	15.4	12.3	34.8	15.2	31.7	31.6
15	TAM 304	TAMU	**54.6**	57.9	62.7	49.3	62.6	50.1	40.3	59.6	**21.5**	13.4	10.5	11.3	37.1	14.9	33.8	29.4
16	AP08T6224*	Syngenta	**54.4**	57.2	59.4	57.0	69.5	47.8	31.7	58.3	**20.0**	12.5	16.0	11.1	23.3	18.5	33.2	25.7
17	TX05A001188*	TAMU	**54.1**	54.8	62.8	46.6	71.9	50.5	32.7	59.6	**23.6**	14.6	17.4	14.1	38.8	15.4	32.0	32.6
18	Endurance	OSU	**53.6**	58.3	49.3	49.2	84.3	48.5	34.6	51.4	**22.3**	13.8	15.5	13.1	35.7	16.6	32.9	28.6
19	TX06A001263*	TAMU	**53.5**	57.9	54.4	50.7	67.8	50.2	32.3	60.9	**21.0**	11.8	13.3	11.1	35.4	15.5	34.1	25.8
20	Billings	OSU	**53.3**	57.7	58.2	46.9	68.8	54.5	33.3	53.4	**19.7**	13.5	13.2	11.2	28.7	15.5	28.3	27.6
21	Bullet	OSU	**53.1**	65.5	58.6	44.3	73.5	49.0	33.7	47.3	**19.4**	12.0	10.8	10.1	33.7	12.2	29.4	27.4
22	Santa Fe	Westbred	**53.1**	65.0	58.2	39.0	76.3	48.4	36.2	48.5	**21.5**	16.4	16.5	11.5	31.2	14.6	28.7	31.7
23	T197	Trio Seed Research	**52.4**	64.3	55.1	45.5	68.0	47.3	29.0	57.5	**21.2**	12.0	13.7	13.3	36.6	15.6	31.4	25.9
24	T136	Trio Seed Research	**52.0**	61.8	62.3	47.8	60.2	41.9	34.0	55.9	**21.0**	12.2	14.3	12.1	33.7	18.0	31.5	25.3
25	Greer	Syngenta	**51.8**	56.1	68.2	42.7	66.4	45.0	31.4	52.4	**21.8**	10.8	13.3	11.6	42.6	14.6	27.1	32.6
26	Jagalene	Syngenta	**51.7**	59.1	61.5	40.9	64.6	46.7	32.1	56.9	**23.3**	13.1	14.7	15.0	41.9	15.8	30.8	32.0
27	AP08T5913*	Syngenta	**51.2**	59.3	56.5	45.1	60.1	51.0	35.3	50.9	**20.9**	11.8	15.8	15.9	33.1	16.7	29.1	24.2
28	APH09T1122*	Syngenta	**50.7**	63.5	50.4	47.2	60.5	48.5	29.9	54.8	**21.8**	12.4	16.5	15.1	32.5	14.2	33.4	28.3
29	Mace	UNL	**49.6**	61.9	58.6	36.6	48.7	51.7	26.7	62.6	**21.6**	8.4	15.0	13.9	31.9	14.0	40.4	27.5
30	Fuller	KSU	**49.3**	57.5	52.7	42.4	65.7	43.8	31.9	51.3	**20.3**	12.7	14.9	14.7	34.4	15.8	30.3	19.3
31	Jagger	KSU	**48.9**	49.0	55.8	54.1	59.4	40.9	35.3	48.0	**18.4**	9.2	12.4	13.1	33.9	12.7	24.6	22.8
32	TX06A001281*	TAMU	**48.6**	61.4	51.0	39.8	61.8	38.6	29.3	58.1	**18.5**	11.4	10.5	8.7	34.4	14.2	29.8	20.2
33	Jackpot	Syngenta	**48.5**	58.5	48.1	35.4	64.8	46.2	33.2	53.3	**21.7**	12.1	15.1	13.9	34.4	15.7	33.0	27.6
34	Shocker	Westbred	**48.5**	56.3	46.1	38.7	75.2	42.0	31.1	49.8	**21.6**	12.9	11.0	12.4	38.9	16.5	29.3	30.2
35	AP08TA6927*	Syngenta	**47.9**	60.3	47.3	46.2	57.0	48.7	32.2	43.4	**19.4**	12.2	16.0	9.7	29.3	16.2	25.9	26.5
36	TAM W-101	TAMU	**47.2**	52.1	51.2	34.8	59.6	50.5	28.4	53.5	**21.3**	15.1	15.6	13.1	35.4	14.7	30.5	24.6
37	Pete	OSU	**46.9**	63.5	52.5	44.5	51.1	37.6	27.9	51.6	**18.8**	10.9	11.4	7.2	32.1	15.5	31.1	23.1
38	TAM 401	TAMU	**44.7**	50.2	39.6	42.0	57.2	47.2	31.1	45.8	**17.8**	10.1	12.0	4.7	29.8	14.0	30.7	23.0
39	Fannin	Syngenta	**43.0**	49.8	45.6	36.3	62.4	38.0	31.5	37.4	**18.3**	11.5	14.2	12.6	31.4	14.9	23.3	20.3
		Mean	**53.2**	**62.0**	**59.3**	**45.3**	**67.3**	**49.3**	**33.4**	**54.8**	**21.6**	**13.0**	**14.8**	**12.1**	**34.7**	**15.5**	**32.0**	**28.3**
* Experimental wheat		**CV (%)**	**12.9**	**12.2**	**11.6**	**15.7**	**12.9**	**5.1**	**13.4**	**6.2**	**13.3**	**14.0**	**11.9**	**18.5**	**9.4**	**14.2**	**9.4**	**12.5**
breeding line		**LSD (5%)**	**6.6**	**12.3**	**11.1**	**11.4**	**14.0**	**4.1**	**5.1**	**5.6**	**2.0**	**2.9**	**2.9**	**3.7**	**5.3**	**3.6**	**4.9**	**5.8**

**Rank is based on Irr. AVG

Uniform Wheat Variety Trial - Bushland - Dryland, HRWW 2011

2011			Grain Yield (bu/ac)			Test Weight (lb/bu)
Rank	Variety	Source	2011	2-Year †	3-Year ‡	2011
1	TAM 112	TAMU	16.5	28.2	25.6	60.5
2	Santa Fe	Westbred	16.4	26.6	22.9	61.3
3	Armour	Westbred	15.9	26.2	22.6	59.8
4	OK07209*	OSU	15.8	-	-	61.0
5	Winterhawk	Westbred	15.1	27.2	-	61.5
6	TAM W-101	TAMU	15.1	24.3	21.6	60.4
7	AP503 CL2	Syngenta	14.9	25.3	-	60.0
8	TAM 111	TAMU	14.9	25.6	23.4	59.5
9	TX05A001188*	TAMU	14.6	-	-	60.6
10	Hatcher	CSU	14.1	24.3	22.9	60.2
11	Cedar	Westbred	14.0	-	-	60.0
12	Duster	OSU	13.9	28.0	25.8	59.7
13	Endurance	OSU	13.8	26.7	24.2	60.4
14	Billings	OSU	13.5	26.8	-	60.4
15	TAM 113 (TX02A0252)	TAMU	13.4	24.9	22.6	60.3
16	TAM 304	TAMU	13.4	26.9	22.9	58.0
17	TAM 203	TAMU	13.4	24.2	21.1	57.8
18	Bill Brown	CSU	13.2	24.0	22.9	60.4
19	Jagalene	Syngenta	13.1	25.5	23.3	61.1
20	Shocker	Westbred	12.9	23.0	19.4	58.4
21	OK07214*	OSU	12.8	-	-	60.1
22	Fuller	KSU	12.7	22.9	20.5	59.4
23	AP08T6224*	Syngenta	12.5	-	-	60.8
24	APH09T1122*	Syngenta	12.4	-	-	61.3
25	Garrison (OK05212)	OSU	12.3	26.5	-	59.9
26	AP08TA6927*	Syngenta	12.2	-	-	60.3
27	T136	Trio Seed Research	12.2	23.3	20.7	59.6
28	Jackpot	Syngenta	12.1	27.1	23.0	60.4
29	Bullet	OSU	12.0	21.1	18.9	58.4
30	T197	Trio Seed Research	12.0	23.5	-	58.1
31	TX06A001263*	TAMU	11.8	24.9	-	60.6
32	AP08T5913*	Syngenta	11.8	-	-	60.3
33	Fannin	Syngenta	11.5	21.3	19.0	61.3
34	TX06A001281*	TAMU	11.4	-	-	60.7
35	Pete	OSU	10.9	23.4	-	61.9
36	Greer	Syngenta	10.8	22.0	20.4	57.1
37	TAM 401	TAMU	10.1	20.5	17.8	57.2
38	Jagger	KSU	9.2	21.6	20.3	58.7
39	Mace	UNL	8.4	17.4	-	58.3
		Mean	**13.0**		**21.9**	**59.9**
		CV (%)	**14.0**	**8.3**	**8.5**	
		LSD (5%)	**2.9**	**2.3**	**1.7**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

Uniform Wheat Variety Trial - Bushland - Irrigated, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Grain Yield (bu/ac) 3-Year ‡	Test Weight (lb/bu) 2011
1	AP503 CL2	Syngenta	76.1	77.5	-	61.7
2	TAM 113 (TX02A0252)	TAMU	75.0	80.5	75.2	61.9
3	OK07214*	OSU	74.4	-	-	61.9
4	OK07209*	OSU	73.0	-	-	61.3
5	TAM 112	TAMU	71.2	78.1	66.7	61.9
6	Bill Brown	CSU	70.2	78.7	73.1	62.0
7	Winterhawk	Westbred	69.8	76.0	-	61.8
8	Duster	OSU	69.6	76.9	70.0	60.3
9	Hatcher	CSU	67.6	75.4	73.8	61.5
10	Armour	Westbred	67.0	78.9	68.8	61.9
11	TAM 111	TAMU	66.9	77.5	72.3	61.1
12	Bullet	OSU	65.5	67.5	60.5	59.7
13	Garrison (OK05212)	OSU	65.5	75.5	-	59.5
14	TAM 203	TAMU	65.5	76.1	66.8	58.8
15	Santa Fe	Westbred	65.0	72.5	62.6	60.8
16	T197	Trio Seed Research	64.3	70.0	-	60.2
17	Cedar	Westbred	63.5	-	-	61.7
18	APH09T1122*	Syngenta	63.5	-	-	60.1
19	Pete	OSU	63.5	67.9	-	59.2
20	Mace	UNL	61.9	63.9	-	59.4
21	T136	Trio Seed Research	61.8	69.4	63.9	59.9
22	TX06A001281*	TAMU	61.4	-	-	61.3
23	AP08TA6927*	Syngenta	60.3	-	-	58.7
24	AP08T5913*	Syngenta	59.3	-	-	61.9
25	Jagalene	Syngenta	59.1	66.6	60.4	60.4
26	Jackpot	Syngenta	58.5	69.5	62.1	60.1
27	Endurance	OSU	58.3	69.4	63.7	59.4
28	TX06A001263*	TAMU	57.9	71.7	-	61.1
29	TAM 304	TAMU	57.9	74.9	64.1	60.2
30	Billings	OSU	57.7	74.2	-	61.4
31	Fuller	KSU	57.5	70.2	61.0	59.4
32	AP08T6224*	Syngenta	57.2	-	-	61.3
33	Shocker	Westbred	56.3	67.5	55.8	58.9
34	Greer	Syngenta	56.1	72.2	61.7	58.9
35	TX05A001188*	TAMU	54.8	-	-	62.4
36	TAM W-101	TAMU	52.1	64.2	56.0	60.1
37	TAM 401	TAMU	50.2	61.3	56.0	57.6
38	Fannin	Syngenta	49.8	59.3	52.4	61.8
39	Jagger	KSU	49.0	61.9	57.4	59.6
		Mean	**62.0**	**71.5**	**63.8**	**60.5**
		CV (%)	**12.2**	**9.2**	**9.4**	
		LSD (5%)	**12.3**	**7.5**	**5.6**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

Uniform Wheat Variety Trial - Clovis - Dryland, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡	Test Weight (lb/bu) 2011
1	TAM 112	TAMU	21.2	46.9	33.9	61.5
2	TAM 113 (TX02A0252)	TAMU	20.8	46.7	33.6	62.1
3	OK07209*	OSU	18.6	-	-	62.0
4	TAM 111	TAMU	17.7	44.8	31.5	62.3
5	Armour	Westbred	17.5	41.0	28.3	60.3
6	TX05A001188*	TAMU	17.4	-	-	60.8
7	Hatcher	CSU	17.2	44.3	33.2	61.6
8	Duster	OSU	16.9	44.7	31.2	61.2
9	APH09T1122*	Syngenta	16.5	-	-	61.0
10	Santa Fe	Westbred	16.5	38.5	27.4	59.8
11	AP08T6224*	Syngenta	16.0	-	-	60.4
12	AP08TA6927*	Syngenta	16.0	-	-	60.1
13	AP08T5913*	Syngenta	15.8	-	-	61.0
14	Winterhawk	Westbred	15.8	44.6	-	60.8
15	AP503 CL2	Syngenta	15.7	42.0	-	61.6
16	TAM W-101	TAMU	15.6	35.4	25.6	59.5
17	Endurance	OSU	15.5	41.8	29.1	60.9
18	Garrison (OK05212)	OSU	15.4	41.0	-	60.5
19	Jackpot	Syngenta	15.1	33.6	23.5	58.8
20	Mace	UNL	15.0	37.4	-	60.1
21	Fuller	KSU	14.9	41.6	29.4	60.0
22	Jagalene	Syngenta	14.7	39.1	27.6	60.5
23	T136	Trio Seed Research	14.3	37.9	28.4	60.2
24	Fannin	Syngenta	14.2	31.3	22.6	61.5
25	Bill Brown	CSU	13.9	44.8	32.2	61.2
26	T197	Trio Seed Research	13.7	38.0	-	59.3
27	TAM 203	TAMU	13.4	40.4	28.7	57.4
28	TX06A001263*	TAMU	13.3	38.0	-	59.5
29	Greer	Syngenta	13.3	40.1	28.9	58.3
30	Billings	OSU	13.2	38.9	-	59.5
31	OK07214*	OSU	12.9	-	-	60.0
32	Jagger	KSU	12.4	35.8	26.1	60.0
33	Cedar	Westbred	12.0	-	-	58.8
34	TAM 401	TAMU	12.0	31.8	21.9	58.1
35	Pete	OSU	11.4	35.0	-	60.4
36	Shocker	Westbred	11.0	29.9	21.9	58.1
37	Bullet	OSU	10.8	34.0	24.6	58.9
38	TAM 304	TAMU	10.5	40.5	28.1	59.8
39	TX06A001281*	TAMU	10.5	-	-	58.6
		Mean	**14.8**	**39.3**	**28.1**	**60.2**
		CV (%)	**11.9**	**7.5**	**9.1**	
		LSD (5%)	**2.9**	**3.4**	**2.4**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

Uniform Wheat Variety Trial - Clovis - Irrigated, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡	Test Weight (lb/bu) 2011
1	TAM 111	TAMU	84.8	101.5	96.5	62.9
2	OK07209*	OSU	73.2	-	-	63.7
3	Winterhawk	Westbred	71.8	89.6	-	61.8
4	Duster	OSU	71.6	89.4	87.5	62.3
5	Cedar	Westbred	70.5	-	-	62.1
6	Garrison (OK05212)	OSU	68.9	83.6	-	62.3
7	Greer	Syngenta	68.2	82.9	81.5	59.9
8	TAM 113 (TX02A0252)	TAMU	68.0	82.2	80.2	64.2
9	Bill Brown	CSU	67.8	88.2	85.5	63.0
10	Hatcher	CSU	67.3	86.3	84.2	62.3
11	TAM 112	TAMU	65.8	85.6	86.0	63.2
12	OK07214*	OSU	64.8	-	-	63.4
13	AP503 CL2	Syngenta	64.8	83.2	-	62.9
14	Armour	Westbred	64.3	81.7	80.3	62.3
15	TX05A001188*	TAMU	62.8	-	-	62.9
16	TAM 304	TAMU	62.7	81.5	82.5	61.5
17	T136	Trio Seed Research	62.3	78.8	77.6	61.6
18	Jagalene	Syngenta	61.5	82.6	85.4	63.1
19	AP08T6224*	Syngenta	59.4	-	-	62.2
20	Mace	UNL	58.6	78.1	-	62.5
21	Bullet	OSU	58.6	75.0	74.6	62.1
22	Billings	OSU	58.2	86.6	-	63.2
23	Santa Fe	Westbred	58.2	76.1	77.0	62.5
24	AP08T5913*	Syngenta	56.5	-	-	62.5
25	Jagger	KSU	55.8	72.2	72.2	61.6
26	TAM 203	TAMU	55.4	80.8	80.4	60.3
27	T197	Trio Seed Research	55.1	75.8	-	61.0
28	TX06A001263*	TAMU	54.4	74.2	-	62.7
29	Fuller	KSU	52.7	76.1	73.0	61.7
30	Pete	OSU	52.5	72.7	-	60.9
31	TAM W-101	TAMU	51.2	71.3	73.1	60.9
32	TX06A001281*	TAMU	51.0	-	-	61.3
33	APH09T1122*	Syngenta	50.4	-	-	63.3
34	Endurance	OSU	49.3	71.6	74.1	61.6
35	Jackpot	Syngenta	48.1	67.7	68.0	62.2
36	AP08TA6927*	Syngenta	47.3	-	-	61.4
37	Shocker	Westbred	46.1	65.2	65.9	59.9
38	Fannin	Syngenta	45.6	60.0	62.9	63.5
39	TAM 401	TAMU	39.6	61.4	62.5	59.7
		Mean	**59.3**	**78.7**	**77.8**	**62.1**
		CV (%)	**11.6**	**7.2**	**7.7**	
		LSD (5%)	**11.1**	**6.4**	**5.6**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

Uniform Wheat Variety Trial - Dalhart - Irrigated, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Grain Yield (bu/ac) 3-Year ‡	Test Weight (lb/bu) 2011
1	AP08T6224*	Syngenta	57.0	-	-	57.2
2	TAM 112	TAMU	56.5	51.9	62.6	58.7
3	TAM 203	TAMU	55.1	58.2	62.2	53.3
4	Jagger	KSU	54.1	52.4	58.2	55.8
5	TAM 113 (TX02A0252)	TAMU	52.0	44.1	54.2	57.5
6	TX06A001263*	TAMU	50.7	-	-	53.3
7	TAM 111	TAMU	49.8	51.2	59.0	57.8
8	TAM 304	TAMU	49.3	46.3	54.8	55.3
9	Endurance	OSU	49.2	47.9	59.7	57.2
10	AP503 CL2	Syngenta	49.1	-	-	58.9
11	Armour	Westbred	49.0	40.7	-	57.2
12	T136	Trio Seed Research	47.8	49.0	-	57.2
13	APH09T1122*	Syngenta	47.2	-	-	55.0
14	Billings	OSU	46.9	-	-	56.1
15	OK07209*	OSU	46.7	-	-	57.5
16	TX05A001188*	TAMU	46.6	-	-	55.3
17	Hatcher	CSU	46.4	62.9	65.5	58.4
18	AP08TA6927*	Syngenta	46.2	-	-	53.6
19	T197	Trio Seed Research	45.5	-	-	55.6
20	AP08T5913*	Syngenta	45.1	-	-	57.0
21	Pete	OSU	44.5	40.6	-	57.5
22	Bullet	OSU	44.3	39.1	48.8	56.7
23	Duster	OSU	44.0	41.8	51.5	55.8
24	OK07214*	OSU	44.0	-	-	54.4
25	Garrison (OK05212)	OSU	42.9	-	-	57.2
26	Greer	Syngenta	42.7	43.2	51.5	53.6
27	Winterhawk	Westbred	42.6	-	-	57.5
28	Fuller	KSU	42.4	36.0	46.1	56.1
29	Bill Brown	CSU	42.0	57.5	-	57.0
30	TAM 401	TAMU	42.0	40.8	48.1	53.6
31	Cedar	Westbred	41.6	-	-	57.8
32	Jagalene	Syngenta	40.9	39.4	53.7	55.8
33	TX06A001281*	TAMU	39.8	-	-	56.7
34	Santa Fe	Westbred	39.0	40.0	47.9	55.3
35	Shocker	Westbred	38.7	29.7	41.1	54.1
36	Mace	UNL	36.6	-	-	54.4
37	Fannin	Syngenta	36.3	35.3	43.2	56.4
38	Jackpot	Syngenta	35.4	36.3	45.0	53.9
39	TAM W-101	TAMU	34.8	31.3	41.8	52.7
		Mean	**45.3**	**44.1**	**52.4**	**56.0**
		CV (%)	**15.7[a]**	**17.0[a]**	**14.5**	
		LSD (5%)	**11.4**	**10.1**	**9.1**	

* Experimental wheat breeding line

† Yield average for 2011 and 2009

‡ Yield average for 2011, 2009, and 2008

[a]Trials with a coefficient of variation (CV) ≥ 15% contain excessive experimental error.
Readers should consider trials in a similar environment to confirm varietal effect on yields.

Uniform Wheat Variety Trial - Dimmit - Irrigated, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡	Test Weight (lb/bu) 2011
1	TAM 203	TAMU	87.5	73.1	59.3	57.0
2	Endurance	OSU	84.3	68.5	58.2	58.9
3	TAM 111	TAMU	81.1	71.7	57.8	55.3
4	Duster	OSU	79.8	68.9	56.8	60.0
5	Winterhawk	Westbred	78.1	65.0	-	55.8
6	Santa Fe	Westbred	76.3	67.0	54.4	58.1
7	Bill Brown	CSU	75.5	62.9	-	58.7
8	Shocker	Westbred	75.2	66.8	57.1	56.4
9	Bullet	OSU	73.5	59.8	49.1	57.5
10	TAM 112	TAMU	72.1	65.4	56.0	57.0
11	TX05A001188*	TAMU	71.9	65.6	-	56.4
12	Garrison (OK05212)	OSU	71.2	64.3	-	58.1
13	AP08T6224*	Syngenta	69.5	-	-	59.2
14	TAM 113 (TX02A0252)	TAMU	69.1	57.2	47.9	58.4
15	Billings	OSU	68.8	63.5	-	59.8
16	OK07214*	OSU	68.3	-	-	56.4
17	AP503 CL2	Syngenta	68.2	53.8	-	62.3
18	T197	Trio Seed Research	68.0	60.0	-	59.2
19	TX06A001263*	TAMU	67.8	62.7	-	59.2
20	Armour	Westbred	67.3	62.9	-	59.8
21	Cedar	Westbred	67.0	-	-	59.2
22	Greer	Syngenta	66.4	64.1	52.3	60.0
23	Fuller	KSU	65.7	58.8	48.5	59.2
24	Jackpot	Syngenta	64.8	62.7	52.8	59.5
25	Jagalene	Syngenta	64.6	62.7	53.0	60.3
26	TAM 304	TAMU	62.6	61.3	52.4	58.1
27	Fannin	Syngenta	62.4	57.2	48.8	60.3
28	OK07209*	OSU	62.2	-	-	57.0
29	TX06A001281*	TAMU	61.8	-	-	59.8
30	APH09T1122*	Syngenta	60.5	-	-	57.5
31	T136	Trio Seed Research	60.2	53.7	-	55.6
32	AP08T5913*	Syngenta	60.1	-	-	60.6
33	TAM W-101	TAMU	59.6	55.9	49.9	57.2
34	Jagger	KSU	59.4	54.6	46.0	60.3
35	Hatcher	CSU	58.3	55.6	48.9	59.2
36	TAM 401	TAMU	57.2	56.6	47.5	55.8
37	AP08TA6927*	Syngenta	57.0	-	-	57.5
38	Pete	OSU	51.1	43.5	-	60.0
39	Mace	UNL	48.7	51.0	-	60.6
		Mean	**67.3**	**61.2**	**52.5**	**58.5**
		CV (%)	**12.9**	**12.7**	**13.3**	
		LSD (5%)	**14.0**	**9.7**	**8.4**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2008

Uniform Wheat Variety Trial - Etter - Dryland, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡
1	TAM 113 (TX02A0252)	TAMU	18.5	31.5	27.0
2	AP08T5913*	Syngenta	15.9	-	-
3	TAM 112	TAMU	15.7	30.5	27.3
4	APH09T1122*	Syngenta	15.1	-	-
5	Jagalene	Syngenta	15.0	29.5	24.8
6	Fuller	KSU	14.7	31.1	24.6
7	Winterhawk	Westbred	14.2	31.4	-
8	TX05A001188*	TAMU	14.1	-	-
9	Jackpot	Syngenta	13.9	33.4	28.1
10	Mace	UNL	13.9	30.7	-
11	OK07209*	OSU	13.9	-	-
12	OK07214*	OSU	13.7	-	-
13	T197	Trio Seed Research	13.3	31.8	-
14	Hatcher	CSU	13.2	31.7	28.9
15	Endurance	OSU	13.1	29.0	23.8
16	Jagger	KSU	13.1	29.3	24.2
17	TAM W-101	TAMU	13.1	27.7	22.1
18	Armour	Westbred	12.7	33.1	27.8
19	Fannin	Syngenta	12.6	27.6	23.6
20	Shocker	Westbred	12.4	30.3	24.6
21	Garrison (OK05212)	OSU	12.3	31.3	-
22	T136	Trio Seed Research	12.1	28.2	24.1
23	Greer	Syngenta	11.6	29.3	23.7
24	Santa Fe	Westbred	11.5	30.6	25.7
25	TAM 304	TAMU	11.3	28.4	25.4
26	Billings	OSU	11.2	29.5	-
27	AP08T6224*	Syngenta	11.1	-	-
28	TX06A001263*	TAMU	11.1	28.1	-
29	TAM 203	TAMU	10.6	27.9	23.1
30	TAM 111	TAMU	10.4	30.7	26.8
31	Bullet	OSU	10.1	28.1	22.8
32	AP503 CL2	Syngenta	10.1	21.5	-
33	AP08TA6927*	Syngenta	9.7	-	-
34	Duster	OSU	9.6	27.5	24.1
35	Bill Brown	CSU	9.3	25.0	23.0
36	TX06A001281*	TAMU	8.7	-	-
37	Cedar	Westbred	7.7	-	-
38	Pete	OSU	7.2	22.1	-
39	TAM 401	TAMU	4.7	24.9	21.4
		Mean	**12.1**	**29.0**	**24.8**
		CV (%)	**18.5[a]**	**13.2**	**13.3**
		LSD (5%)	**3.7**	**4.4**	**3.1**

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

Test Weights were not available at time of publication.

[a]Trials with a coefficient of variation (CV) ≥ 15% contain excessive experimental error. Readers should consider trials in a similar environment to confirm varietal effect on yields.

Uniform Wheat Variety Trial - Etter - Irrigated, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Grain Yield (bu/ac) 3-Year ‡	Test Weight (lb/bu) 2011
1	TAM 113 (TX02A0252)	TAMU	59.5	59.5	50.5	63.2
2	OK07209*	OSU	59.2	-	-	63.2
3	TAM 112	TAMU	58.5	61.4	51.8	62.2
4	Hatcher	CSU	58.1	63.3	55.9	63.0
5	Winterhawk	Westbred	57.3	59.7	-	62.6
6	TAM 111	TAMU	56.5	58.3	51.4	62.7
7	Bill Brown	CSU	55.2	59.6	52.4	63.3
8	Billings	OSU	54.5	58.8	-	62.5
9	Armour	Westbred	54.2	57.8	47.4	61.6
10	Duster	OSU	54.1	59.0	49.8	63.0
11	OK07214*	OSU	53.9	-	-	63.3
12	AP503 CL2	Syngenta	53.2	56.6	-	62.7
13	Mace	UNL	51.7	57.0	-	61.6
14	Garrison (OK05212)	OSU	51.5	55.9	-	62.0
15	AP08T5913*	Syngenta	51.0	-	-	62.9
16	TX05A001188*	TAMU	50.5	-	-	62.5
17	TAM W-101	TAMU	50.5	54.6	44.7	61.3
18	TX06A001263*	TAMU	50.2	55.7	-	62.3
19	TAM 304	TAMU	50.1	55.8	47.5	61.1
20	TAM 203	TAMU	49.8	53.0	44.1	58.5
21	Bullet	OSU	49.0	56.5	45.9	61.9
22	AP08TA6927*	Syngenta	48.7	-	-	62.1
23	Endurance	OSU	48.5	54.4	46.7	62.5
24	APH09T1122*	Syngenta	48.5	-	-	62.0
25	Santa Fe	Westbred	48.4	50.5	41.7	61.8
26	AP08T6224*	Syngenta	47.8	-	-	62.0
27	T197	Trio Seed Research	47.3	52.8	-	61.1
28	TAM 401	TAMU	47.2	53.9	44.1	59.9
29	Jagalene	Syngenta	46.7	53.6	44.5	61.8
30	Jackpot	Syngenta	46.2	53.1	44.2	61.8
31	Greer	Syngenta	45.0	53.2	44.2	59.6
32	Fuller	KSU	43.8	52.9	44.7	61.6
33	Cedar	Westbred	43.7	-	-	61.9
34	Shocker	Westbred	42.0	49.3	40.4	59.7
35	T136	Trio Seed Research	41.9	50.0	43.3	61.0
36	Jagger	KSU	40.9	50.6	43.7	60.4
37	TX06A001281*	TAMU	38.6	-	-	61.7
38	Fannin	Syngenta	38.0	48.3	40.1	63.4
39	Pete	OSU	37.6	44.6	-	62.0
		Mean	**49.3**	**55.0**	**46.3**	**61.9**
		CV (%)	**5.1**	**6.6**	**6.9**	
		LSD (5%)	**4.1**	**4.1**	**3.0**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

Uniform Wheat Variety Trial - Gaines Co. - Irrigated, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Test Weight (lb/bu) 2011
1	TAM 304	TAMU	40.3	60.3
2	Bill Brown	CSU	40.0	62.3
3	Cedar	Westbred	39.9	60.2
4	TAM 112	TAMU	37.5	60.6
5	Armour	Westbred	36.7	61.8
6	Bond CL	Colo. State	36.6	60.2
7	Protection CL	DeLange Seed	36.5	59.1
8	OK07209*	OSU	36.4	62.0
9	Santa Fe	Westbred	36.2	61.2
10	Duster	OSU	35.6	61.1
11	TAM 113 (TX02A0252)	TAMU	35.6	62.0
12	Jagger	KSU	35.3	60.5
13	AP08T5913*	Syngenta	35.3	61.4
14	Endurance	OSU	34.6	61.2
15	TAM 203	TAMU	34.4	59.2
16	Hatcher	CSU	34.2	62.1
17	OK07214*	OSU	34.1	61.2
18	T136	Trio Seed Research	34.0	60.5
19	Bullet	OSU	33.7	60.6
20	Winterhawk	Westbred	33.7	61.8
21	Centerfield CL	OSU	33.5	60.5
22	Billings	OSU	33.3	61.2
23	AP503 CL2	Syngenta	33.2	61.7
24	Jackpot	Syngenta	33.2	60.0
25	TX05A001188*	TAMU	32.7	61.2
26	TX06A001263*	TAMU	32.3	59.7
27	AP08TA6927*	Syngenta	32.2	60.6
28	Jagalene	Syngenta	32.1	61.5
29	Fuller	KSU	31.9	60.8
30	AP08T6224*	Syngenta	31.7	59.7
31	Fannin	Syngenta	31.5	61.4
32	Greer	Syngenta	31.4	59.4
33	Shocker	Westbred	31.1	59.8
34	TAM 401	TAMU	31.1	59.9
35	TAM 111	TAMU	30.9	60.8
36	WeatherMaster 135	TAMU-Amarillo	30.8	60.2
37	Garrison (OK05212)	OSU	30.1	60.3
38	APH09T1122*	Syngenta	29.9	61.5
39	TX06A001281*	TAMU	29.3	60.3
40	T197	Trio Seed Research	29.0	60.3
41	TAM W-101	TAMU	28.4	60.5
42	Pete	OSU	27.9	60.8
43	Mace	UNL	26.7	60.6
		Mean	**33.4**	**60.7**
		CV (%)	**13.4**	
		LSD (5%)	**5.1**	

* Experimental wheat breeding line

Uniform Wheat Variety Trial - Groom - Dryland, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Test Weight (lb/bu) 2011
1	Greer	Syngenta	42.6	46.4	60.3
2	Armour	Westbred	42.3	43.7	61.7
3	Jagalene	Syngenta	41.9	38.9	62.2
4	Bill Brown	CSU	39.1	45.5	63.1
5	Shocker	Westbred	38.9	36.8	59.4
6	TAM 113 (TX02A0252)	TAMU	38.8	43.6	62.5
7	TX05A001188*	TAMU	38.8	-	61.4
8	TAM 112	TAMU	38.7	44.8	61.8
9	AP503 CL2	Syngenta	37.9	-	62.3
10	OK07214*	OSU	37.3	-	61.7
11	Cedar	Westbred	37.3	-	61.2
12	TAM 304	TAMU	37.1	43.8	60.5
13	T197	Trio Seed Research	36.6	-	59.8
14	Hatcher	CSU	36.5	44.8	61.8
15	OK07209*	OSU	36.4	-	62.4
16	Endurance	OSU	35.7	45.6	61.9
17	TX06A001263*	TAMU	35.4	-	61.3
18	TAM W-101	TAMU	35.4	38.9	60.7
19	TAM 111	TAMU	35.1	44.4	61.8
20	Garrison (OK05212)	OSU	34.8	-	61.1
21	Fuller	KSU	34.4	40.8	61.8
22	TX06A001281*	TAMU	34.4	-	60.8
23	Jackpot	Syngenta	34.4	39.6	60.6
24	TAM 203	TAMU	34.4	41.7	59.4
25	Jagger	KSU	33.9	37.2	61.1
26	T136	Trio Seed Research	33.7	39.1	61.7
27	Bullet	OSU	33.7	36.3	61.6
28	AP08T5913*	Syngenta	33.1	-	62.3
29	APH09T1122*	Syngenta	32.5	-	62.3
30	Pete	OSU	32.1	-	61.4
31	Mace	UNL	31.9	-	61.4
32	Fannin	Syngenta	31.4	37.2	62.8
33	Santa Fe	Westbred	31.2	37.4	60.2
34	Duster	OSU	30.6	43.7	63.5
35	TAM 401	TAMU	29.8	35.3	58.8
36	AP08TA6927*	Syngenta	29.3	-	60.6
37	Billings	OSU	28.7	45.1	62.0
38	AP08T6224*	Syngenta	23.3	-	60.9
39	Winterhawk	Westbred	35.7	-	62.2
		Mean	**34.7**	**41.3**	**61.4**
		CV (%)	**9.4**	**12.5**	
		LSD (5%)	**5.3**	**6.0**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

Uniform Wheat Variety Trial - Hereford - Dryland, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡	Test Weight (lb/bu) 2011
1	AP08T6224*	Syngenta	18.5	-	-	60.8
2	TAM 112	TAMU	18.4	27.5	25.9	60.6
3	Duster	OSU	18.3	25.2	25.5	60.5
4	TAM 113 (TX02A0252)	TAMU	18.0	26.0	24.6	60.1
5	T136	Trio Seed Research	18.0	22.6	21.2	58.7
6	Armour	Westbred	17.1	24.6	19.6	60.2
7	AP08T5913*	Syngenta	16.7	-	-	60.9
8	OK07214*	OSU	16.7	-	-	60.5
9	Endurance	OSU	16.6	24.2	22.7	61.0
10	Shocker	Westbred	16.5	23.2	18.6	58.5
11	AP08TA6927*	Syngenta	16.2	-	-	59.4
12	Jagalene	Syngenta	15.8	22.7	22.0	61.2
13	Fuller	KSU	15.8	21.2	17.3	59.6
14	Winterhawk	Westbred	15.7	24.5	-	60.7
15	Jackpot	Syngenta	15.7	24.5	20.0	59.1
16	T197	Trio Seed Research	15.6	22.8	-	57.5
17	Billings	OSU	15.5	26.0	-	60.2
18	Pete	OSU	15.5	20.5	-	60.1
19	TX06A001263*	TAMU	15.5	29.4	-	59.4
20	TX05A001188*	TAMU	15.4	-	-	59.8
21	TAM 203	TAMU	15.3	22.7	20.4	57.5
22	Garrison (OK05212)	OSU	15.2	20.6	-	59.5
24	TAM 111	TAMU	15.0	24.7	22.3	59.1
24	OK07209*	OSU	15.0	-	-	60.3
25	Bill Brown	CSU	15.0	29.5	29.3	60.0
26	AP503 CL2	Syngenta	15.1	22.9	-	60.5
27	Fannin	Syngenta	14.9	22.4	18.1	60.9
28	TAM 304	TAMU	14.9	23.6	19.2	58.9
29	TAM W-101	TAMU	14.7	22.4	17.7	58.6
30	Santa Fe	Westbred	14.6	20.6	16.7	60.0
31	Greer	Syngenta	14.6	19.6	17.9	58.3
32	APH09T1122*	Syngenta	14.2	-	-	60.2
33	TX06A001281*	TAMU	14.2	-	-	59.7
34	TAM 401	TAMU	14.0	19.9	17.0	57.4
35	Mace	UNL	14.0	27.6	-	56.9
36	Hatcher	CSU	13.9	30.0	27.1	60.2
37	Cedar	Westbred	13.9	-	-	59.1
38	Jagger	KSU	12.7	17.7	19.1	59.0
39	Bullet	OSU	12.2	20.4	17.7	59.1
		Mean	**15.5**	**23.6**	**20.9**	**59.6**
		CV (%)	**14.2**	**16.5[a]**	**21.9[a]**	
		LSD (5%)	**3.6**	**4.4**	**4.3**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

[a]Trials with a coefficient of variation (CV) ≥ 15% contain excessive experimental error.
Readers should consider trials in a similar environment to confirm varietal effect on yields.

Uniform Wheat Variety Trial - Perryton, Dryland HRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡
1	Mace	UNL	40.4	47.8	-
2	OK07209*	OSU	38.9	-	-
3	Winterhawk	Westbred	38.1	45.7	-
4	TAM 113 (TX02A0252)	TAMU	38.1	44.4	48.9
5	Hatcher	CSU	37.9	48.0	55.1
6	TAM 112	TAMU	37.0	44.4	48.8
7	Duster	OSU	34.6	45.1	48.2
8	AP503 CL2	Syngenta	34.3	39.5	-
9	TX06A001263*	TAMU	34.1	43.7	-
10	Bill Brown	CSU	33.9	42.8	48.3
11	TAM 203	TAMU	33.9	42.2	43.4
12	TAM 304	TAMU	33.8	44.0	46.1
13	APH09T1122*	Syngenta	33.4	-	-
14	AP08T6224*	Syngenta	33.2	-	-
15	Jackpot	Syngenta	33.0	41.0	43.4
16	Endurance	OSU	32.9	41.9	48.4
17	Armour	Westbred	32.6	43.8	48.4
18	Cedar	Westbred	32.2	-	-
19	TX05A001188*	TAMU	32.0	-	-
20	Garrison (OK05212)	OSU	31.7	42.7	-
21	T136	Trio Seed Research	31.5	38.2	42.6
22	T197	Trio Seed Research	31.4	40.7	-
23	Pete	OSU	31.1	38.9	-
24	OK07214*	OSU	30.9	-	-
25	Jagalene	Syngenta	30.8	36.1	42.8
26	TAM 401	TAMU	30.7	36.5	41.0
27	TAM W-101	TAMU	30.5	39.3	42.3
28	Fuller	KSU	30.3	40.2	43.8
29	TX06A001281*	TAMU	29.8	-	-
30	Bullet	OSU	29.4	36.7	41.0
31	Shocker	Westbred	29.3	38.7	40.8
32	AP08T5913*	Syngenta	29.1	-	-
33	TAM 111	TAMU	28.7	41.8	48.4
34	Santa Fe	Westbred	28.7	38.7	43.3
35	Billings	OSU	28.3	42.2	45.6
36	Greer	Syngenta	27.1	39.1	43.9
37	AP08TA6927*	Syngenta	25.9	-	-
38	Jagger	KSU	24.6	35.1	41.2
39	Fannin	Syngenta	23.3	34.3	40.1
		Mean	**32.0**	**41.1**	**45.0**
		CV (%)	**9.4**	**6.6**	**6.9**
		LSD (5%)	**4.9**	**3.2**	**3.5**

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

Test Weights were not available at time of publication.

Uniform Wheat Variety Trial - Perryton, Irrigated HRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Grain Yield (bu/ac) 3-Year ‡	Test Weight (lb/bu) 2011
1	OK07209*	OSU	64.3	-	-	62.0
2	TAM 112	TAMU	62.6	60.4	57.3	61.2
3	Mace	UNL	62.6	60.5	-	60.1
4	Winterhawk	Westbred	61.3	58.4	-	61.2
5	TAM 111	TAMU	61.2	57.0	56.7	59.0
6	TAM 113 (TX02A0252)	TAMU	61.1	57.4	57.5	60.9
7	AP503 CL2	Syngenta	61.1	54.8	-	59.3
8	TX06A001263*	TAMU	60.9	58.6	-	60.3
9	Cedar	Westbred	60.9	-	-	59.8
10	TX05A001188*	TAMU	59.6	-	-	61.0
11	TAM 304	TAMU	59.6	60.2	57.2	59.4
12	AP08T6224*	Syngenta	58.3	-	-	60.9
13	TX06A001281*	TAMU	58.1	-	-	60.3
14	T197	Trio Seed Research	57.5	55.0	-	59.5
15	Jagalene	Syngenta	56.9	50.8	51.6	60.2
16	Duster	OSU	56.1	54.1	56.3	61.0
17	Hatcher	CSU	55.9	55.8	63.2	59.1
18	T136	Trio Seed Research	55.9	53.1	55.0	58.4
19	Armour	Westbred	55.8	57.9	58.9	59.7
20	Garrison (OK05212)	OSU	55.2	54.7	-	59.7
21	APH09T1122*	Syngenta	54.8	-	-	62.0
22	TAM 203	TAMU	53.6	57.0	56.3	57.8
23	TAM W-101	TAMU	53.5	52.0	52.4	60.3
24	Billings	OSU	53.4	54.9	55.6	61.0
25	Jackpot	Syngenta	53.3	55.1	52.9	60.9
26	OK07214*	OSU	53.3	-	-	59.8
27	Greer	Syngenta	52.4	54.8	54.4	57.0
28	Bill Brown	CSU	51.8	48.4	52.3	59.0
29	Pete	OSU	51.6	45.4	-	62.2
30	Endurance	OSU	51.4	52.6	54.6	60.4
31	Fuller	KSU	51.3	51.6	54.3	61.0
32	AP08T5913*	Syngenta	50.9	-	-	60.2
33	Shocker	Westbred	49.8	53.6	53.9	58.3
34	Santa Fe	Westbred	48.5	48.6	52.7	59.8
35	Jagger	KSU	48.0	46.0	47.4	59.2
36	Bullet	OSU	47.3	47.8	47.1	60.2
37	TAM 401	TAMU	45.8	47.1	48.6	57.2
38	AP08TA6927*	Syngenta	43.4	-	-	60.2
39	Fannin	Syngenta	37.4	46.1	47.6	61.0
		Mean	**54.8**	**53.6**	**54.1**	**60.0**
		CV (%)	**6.2**	**6.8**	**8.5**	
		LSD (5%)	**5.6**	**4.2**	**5.2**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

Uniform Wheat Variety Trial - Silverton - Dryland, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Test Weight (lb/bu) 2011
1	OK07209*	OSU	37.1	61.8
2	TAM 112	TAMU	35.5	60.9
3	TAM113 (TX02A0252)	TAMU	35.2	61.7
4	TAM 203	TAMU	34.6	57.2
5	Armour	Westbred	33.5	58.7
6	TAM 111	TAMU	33.3	60.1
7	TX05A001188*	TAMU	32.6	59.9
8	Greer	Syngenta	32.6	57.2
9	OK07214*	OSU	32.4	59.6
10	Winterhawk	Westbred	32.2	62.0
11	Jagalene	Syngenta	32.0	60.5
12	Santa Fe	Westbred	31.7	58.8
13	Garrison (OK05212)	OSU	31.6	59.4
14	AP503 CL2	Syngenta	30.5	60.7
15	Hatcher	CSU	30.2	61.3
16	Shocker	Westbred	30.2	59.0
17	TAM 304	TAMU	29.4	57.8
18	Duster	OSU	28.8	60.3
19	Endurance	OSU	28.6	59.6
20	APH09T1122*	Syngenta	28.3	59.6
21	Bill Brown	CSU	27.9	62.3
22	Billings	OSU	27.6	58.8
23	Jackpot	Syngenta	27.6	58.3
24	Mace	UNL	27.5	58.9
25	Bullet	OSU	27.4	59.2
26	AP08TA6927*	Syngenta	26.5	59.0
27	T197	Trio Seed Research	25.9	60.0
28	TX06A001263*	TAMU	25.8	59.3
29	AP08T6224*	Syngenta	25.7	58.3
30	Cedar	Westbred	25.6	58.4
31	T136	Trio Seed Research	25.3	59.7
32	TAM W-101	TAMU	24.6	59.7
33	AP08T5913*	Syngenta	24.2	60.6
34	Pete	OSU	23.1	58.9
35	TAM 401	TAMU	23.0	57.0
36	Jagger	KSU	22.8	59.3
37	Fannin	Syngenta	20.3	60.9
38	TX06A001281*	TAMU	20.2	57.6
39	Fuller	KSU	19.3	57.9
		Mean	**28.3**	**59.5**
		CV (%)	**12.5**	
		LSD (5%)	**5.8**	

* Experimental wheat breeding line

Rolling Plains Locations Agronomic Data

Location[1]	Yield Limiting Issues[2]	Planting Date	Fertilizer (Total)	Water*	Seeding Rate
			(lb N/a)		lb/a
Abilene	Drought; Above average temperatures at grain fill	11/2/10	40	D	45
Brady	Very Dry Conditions Season Long	11/23/10	70	D	50
Chillicothe	Extreme drought; Above average temperatures at grain fill; BYDV; Dryland Root Rot	10/28/10	40	D	45
Hardeman Grain	Extreme drought; Above average temperatures at grain fill; BYDV	11/3/10	-	D	45
Knox Co. (Syngenta)	Extreme drought conditions	11/4/10	Cooperator Applied	D	60
Vernon (Syngenta)	Extreme drought conditions; **Not Harvested**	10/31/10	115	D	60
Vernon (Syngenta)	Extreme drought conditions; BYDV; Record temperatures and hot winds during grain fill	10/21/10	130	IL	60
Wichita Co. (Syngenta)	Extreme drought conditions; **Not Harvested**	11/2/10	Cooperator Applied	D	60
Young Co. (Syngenta)	Dry conditions	11/18/10	Cooperator Applied	D	60

[1]All locations were planted to 7" row spacings.
[2]BYDV = Barley Yellow Dwarf Virus
*Irrigation: IL = Irrigated Limited, D = Dryland

Uniform Wheat Variety Trial - Rolling Plains Yield Summary 2011

2011 Rank**	Variety	Source	2011 Yield bu/ac								
			Dry AVG	Abilene	Brady	Chillicothe	Hardeman Grain	Knox Co.	Young Co.	Irr. AVG	Vernon Irr.
1	Greer	Syngenta	**26.2**	35.2	20.8	15.0	22.8	16.8	46.5	**25.4**	25.4
2	Jackpot	Syngenta	**26.0**	32.4	25.8	14.8	21.9	13.7	47.2	**25.7**	25.7
3	TAM 113 (TX02A0252)	TAMU	**25.4**	38.0	28.0	10.5	16.2	10.7	49.0	**25.7**	25.7
4	Santa Fe	Westbred	**24.8**	28.7	24.8	17.2	22.3	11.6	44.2	**28.6**	28.6
5	Jagalene	Syngenta	**24.7**	34.7	19.7	17.2	21.7	12.3	42.4	**28.5**	28.5
6	OK07209*	OSU	**24.4**	34.3	23.1	15.4	16.4	15.5	41.7	**28.3**	28.3
7	Duster	OSU	**23.9**	31.4	20.6	15.0	17.7	15.1	43.7	**27.9**	27.9
8	Fuller	KSU	**23.2**	30.3	16.7	13.8	18.3	13.9	45.9	**30.3**	30.3
9	TAM 112	TAMU	**23.4**	28.6	20.1	13.8	18.7	14.7	44.7	**27.8**	27.8
10	TX05A001188*	TAMU	**23.5**	31.8	24.0	13.8	17.1	7.3	47.3	**25.3**	25.3
11	Armour	Westbred	**23.1**	24.5	22.0	13.1	22.0	8.6	48.4	**25.9**	25.9
12	Jagger	KSU	**23.1**	30.0	17.8	14.1	18.9	16.6	41.3	**24.7**	24.7
13	TAM 304	TAMU	**23.0**	29.4	20.7	13.0	16.1	13.0	45.6	**25.3**	25.3
14	TAM 203	TAMU	**22.8**	25.5	18.6	16.1	20.6	12.6	43.6	**26.2**	26.2
15	Shocker	Westbred	**22.4**	25.2	18.7	13.4	24.4	14.0	38.7	**27.6**	27.6
16	Bullet	OSU	**22.7**	33.2	17.8	12.0	16.7	15.9	40.6	**24.1**	24.1
17	Garrison (OK05212)	OSU	**21.7**	30.4	20.3	11.2	14.9	10.1	42.9	**25.9**	25.9
18	APH09T1122*	Syngenta	**21.9**	29.4	20.7	12.0	17.4	13.1	38.8	**24.6**	24.6
19	TX06A001263*	TAMU	**21.5**	30.3	19.8	9.8	13.5	9.4	46.0	**26.3**	26.3
20	AP08TA6927*	Syngenta	**20.2**	29.8	13.5	11.2	14.8	14.9	36.7	**33.9**	33.9
21	Endurance	OSU	**21.1**	32.8	15.3	13.3	20.0	8.7	36.6	**27.0**	27.0
22	TAM 111	TAMU	**21.0**	25.9	17.8	12.9	15.9	6.5	47.1	**27.0**	27.0
23	OK07214*	OSU	**20.2**	31.4	13.2	8.3	17.1	12.0	39.3	**30.5**	30.5
24	AP08T5913*	Syngenta	**21.6**	26.9	24.5	9.7	15.2	9.1	43.8	**22.9**	22.9
25	AP08T6224*	Syngenta	**20.2**	30.9	15.4	5.9	18.1	9.3	41.6	**31.0**	31.0
26	Pete	OSU	**20.5**	25.3	12.8	14.8	14.5	11.4	44.1	**25.4**	25.4
27	TAM W-101	TAMU	**19.8**	28.2	14.4	9.6	15.5	8.9	42.2	**20.6**	20.6
28	Billings	OSU	**18.7**	26.2	18.6	9.2	10.3	9.2	39.0	**25.4**	25.4
29	TAM 401	TAMU	**18.5**	25.8	13.0	11.6	12.2	10.1	38.1	**23.0**	23.0
30	TX06A001281*	TAMU	**17.4**	25.6	20.0	9.4	14.9	6.2	28.3	**25.9**	25.9
31	Fannin	Syngenta	**17.0**	25.3	16.3	8.4	11.5	5.9	34.4	**27.6**	27.6
		Mean	**22.1**	**29.6**	**19.2**	**12.4**	**17.3**	**11.2**	**42.3**	**26.4**	**26.4**
		CV (%)	**15.5**	**17.0**	**21.8**	**12.6**	**13.9**	**14.3**	**7.2**	**10.1**	**10.1**
		LSD (5%)	**3.1**	**8.1**	**5.9**	**2.6**	**4.0**	**2.6**	**4.9**	**4.3**	**4.3**

* Experimental wheat breeding line

**Rank is based on Dry AVG

Uniform Wheat Variety Trial - Abilene, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡	Test Weight (lb/bu) 2011
1	TAM 113 (TX02A0252)	TAMU	38.0	41.6	48.5	63.2
2	Greer	Syngenta	35.2	45.4	56.5	60.2
3	Jagalene	Syngenta	34.7	34.8	49.7	62.9
4	OK07209*	OSU	34.3	-	-	62.9
5	Bullet	OSU	33.2	37.9	52.3	62.5
6	Endurance	OSU	32.8	37.5	47.0	62.3
7	Jackpot	Syngenta	32.4	39.2	49.3	62.3
8	TX05A001188*	TAMU	31.8	-	-	61.9
9	OK07214*	OSU	31.4	-	-	63.2
10	Duster	OSU	31.4	42.0	55.6	63.0
11	AP08T6224*	Syngenta	30.9	-	-	61.8
12	Garrison (OK05212)	OSU	30.4	38.1	-	62.9
13	TX06A001263*	TAMU	30.3	41.4	-	62.0
14	Fuller	KSU	30.3	37.3	45.8	61.9
15	Jagger	KSU	30.0	35.0	45.4	60.4
16	AP08TA6927*	Syngenta	29.8	-	-	62.6
17	APH09T1122*	Syngenta	29.4	-	-	62.2
18	TAM 304	TAMU	29.4	40.9	51.8	60.2
19	Santa Fe	Westbred	28.7	36.4	59.7	62.2
20	TAM 112	TAMU	28.6	32.3	57.8	63.5
21	TAM W-101	TAMU	28.2	32.7	38.8	61.9
22	AP08T5913*	Syngenta	26.9	-	-	63.0
23	Billings	OSU	26.2	40.4	-	62.6
24	TAM 111	TAMU	25.9	35.2	51.3	62.9
25	TAM 401	TAMU	25.8	36.2	40.5	58.7
26	TX06A001281*	TAMU	25.6	-	-	61.9
27	TAM 203	TAMU	25.5	35.3	42.3	60.5
28	Pete	OSU	25.3	33.4	-	63.2
29	Fannin	Syngenta	25.3	37.5	57.7	62.7
30	Shocker	Westbred	25.2	33.9	44.0	61.2
31	Armour	Westbred	24.5	35.6	-	61.9
		Mean	**29.6**	**37.4**	**49.7**	**62.1**
		CV (%)	**17.0[a]**	**12.4**	**13.4**	
		LSD (5%)	**8.1**	**5.3**	**6.2**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2008

Yield data was not available for 2009

[a]Trials with a coefficient of variation (CV) ≥ 15% contain excessive experimental error. Readers should consider trials in a similar environment to confirm varietal effect on yields.

Uniform Wheat Variety Trial - Brady, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡	Test Weight (lb/bu) 2011
1	TAM 113 (TX02A0252)	TAMU	28.0	29.6	38.9	61.8
2	Jackpot	Syngenta	25.8	36.9	40.3	61.4
3	Santa Fe	Westbred	24.8	32.9	37.8	61.4
4	Coronado	Syngenta	24.7	30.9	35.2	61.0
5	AP08T5913*	Syngenta	24.5	-	-	62.7
6	Deliver	OSU	24.1	30.3	35.7	60.3
7	TX05A001188*	TAMU	24.0	-	-	61.4
8	OK07209*	OSU	23.1	-	-	62.6
9	Armour	Westbred	22.0	31.5	-	59.9
10	Weathermaster 135	Unknown	20.8	-	-	59.7
11	Greer	Syngenta	20.8	32.1	39.3	59.6
12	APH09T1122*	Syngenta	20.7	-	-	61.3
13	TAM 304	TAMU	20.7	33.5	35.9	58.5
14	Duster	OSU	20.6	34.3	39.6	61.7
15	Garrison (OK05212)	OSU	20.3	31.3	-	61.5
16	TAM 112	TAMU	20.1	31.2	37.8	61.6
17	TX06A001281*	TAMU	20.0	-	-	59.6
18	TX06A001263*	TAMU	19.8	28.8	-	60.7
19	Jagalene	Syngenta	19.7	26.1	32.6	61.1
20	Shocker	Westbred	18.7	31.0	32.8	59.6
21	Billings	OSU	18.6	31.9	34.2	58.5
22	TAM 203	TAMU	18.6	27.1	36.1	58.3
23	TAM 111	TAMU	17.8	30.2	37.6	61.7
24	Bullet	OSU	17.8	29.1	36.2	60.5
25	Jagger	KSU	17.8	28.3	33.4	59.9
26	Sturdy 2K	TAMU	17.4	31.3	38.3	60.0
27	Fuller	KSU	16.7	29.9	40.1	62.5
28	Fannin	Syngenta	16.3	29.4	32.8	61.5
29	AP08T6224*	Syngenta	15.4	-	-	60.3
30	Endurance	OSU	15.3	27.4	32.9	60.8
31	TAM W-101	TAMU	14.4	24.3	34.2	60.8
32	AP08TA6927*	Syngenta	13.5	-	-	61.0
33	OK07214*	OSU	13.2	-	-	60.4
34	TAM 401	TAMU	13.0	23.1	29.7	57.2
35	Pete	OSU	12.8	28.6	33.0	61.0
		Mean	**19.8**	**30.0**	**35.8**	**60.5**
		CV (%)	**21.8[a]**	**16.7[a]**	**15.1**	
		LSD (5%)	**5.9**	**5.8**	**5.1**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

[a]Trials with a coefficient of variation (CV) ≥ 15% contain excessive experimental error. Readers should consider trials in a similar environment to confirm varietal effect on yields.

Uniform Wheat Variety Trial - Chillicothe, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	2-Year †	3-Year ‡	Test Weight (lb/bu) 2011
1	Jagalene	Syngenta	17.2	32.4	35.3	59.6
2	Santa Fe	Westbred	17.2	35.2	38.0	58.8
3	TAM 203	TAMU	16.1	33.8	34.3	56.8
4	OK07209*	OSU	15.4	-	-	60.5
5	Duster	OSU	15.0	37.7	37.8	59.2
6	Greer	Syngenta	15.0	35.7	39.0	56.1
7	Pete	OSU	14.8	34.2	-	59.4
8	Jackpot	Syngenta	14.8	34.7	37.1	58.0
9	Jagger	KSU	14.1	29.1	32.6	58.0
10	TAM 112	TAMU	13.8	31.7	37.0	59.9
11	TX05A001188*	TAMU	13.8	-	-	58.8
12	Fuller	KSU	13.8	30.2	34.0	58.7
13	Shocker	Westbred	13.4	29.9	33.6	57.7
14	Endurance	OSU	13.3	35.2	38.3	58.1
15	Armour	Westbred	13.1	34.2	-	58.4
16	TAM 304	TAMU	13.0	35.0	34.8	57.1
17	TAM 111	TAMU	12.9	34.1	35.7	58.9
18	APH09T1122*	Syngenta	12.0	-	-	59.6
19	Bullet	OSU	12.0	28.6	32.3	58.2
20	TAM 401	TAMU	11.6	28.3	31.3	56.0
21	AP08TA6927*	Syngenta	11.2	-	-	60.5
22	Garrison (OK05212)	OSU	11.2	34.3	-	58.5
23	TAM 113 (TX02A0252)	TAMU	10.5	28.6	30.7	59.1
24	TX06A001263*	TAMU	9.8	32.3	-	58.8
25	AP08T5913*	Syngenta	9.7	-	-	59.4
26	TAM W-101	TAMU	9.6	26.5	30.2	57.5
27	TX06A001281*	TAMU	9.4	-	-	58.0
28	Billings	OSU	9.2	31.4	-	57.8
29	Fannin	Syngenta	8.4	28.1	32.3	60.1
30	OK07214*	OSU	8.3	-	-	58.9
31	AP08T6224*	Syngenta	5.9	-	-	57.5
		Mean	**12.4**	**32.2**	**34.7**	**58.5**
		CV (%)	**12.6**	**8.4**	**8.3**	
		LSD (5%)	**2.6**	**3.1**	**2.7**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2008

Yield data was not available for 2009

Uniform Wheat Variety Trial - Hardeman Grain, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Test Weight (lb/bu) 2011
1	Shocker	Westbred	24.4	38.4	59.1
2	Greer	Syngenta	22.8	-	57.8
3	Santa Fe	Westbred	22.3	34.7	59.5
4	Armour	Westbred	22.0	-	58.9
5	Jackpot	Syngenta	21.9	-	59.6
6	Jagalene	Syngenta	21.7	34.9	60.5
7	TAM 203	TAMU	20.6	38.1	57.8
8	Endurance	OSU	20.0	39.6	60.4
9	Jagger	KSU	18.9	28.4	58.9
10	TAM 112	TAMU	18.7	32.7	60.9
11	Fuller	KSU	18.3	32.6	59.9
12	AP08T6224*	Syngenta	18.1	-	58.2
13	Duster	OSU	17.7	38.9	60.1
14	APH09T1122*	Syngenta	17.4	-	60.4
15	OK07214*	OSU	17.1	-	60.6
16	TX05A001188*	TAMU	17.1	-	60.1
17	Bullet	OSU	16.7	26.9	58.9
18	OK07209*	OSU	16.4	-	60.8
19	TAM 113 (TX02A0252)	TAMU	16.2	33.0	60.9
20	TAM 304	TAMU	16.1	40.7	57.1
21	TAM 111	TAMU	15.9	31.4	59.6
22	TAM W-101	TAMU	15.5	25.5	58.4
23	AP08T5913*	Syngenta	15.2	-	60.9
24	Garrison (OK05212)	OSU	14.9	-	60.1
25	TX06A001281*	TAMU	14.9	-	59.1
26	AP08TA6927*	Syngenta	14.8	-	60.5
27	Pete	OSU	14.5	-	61.3
28	TX06A001263*	TAMU	13.5	-	59.6
29	TAM 401	TAMU	12.2	29.7	56.5
30	Fannin	Syngenta	11.5	27.0	60.9
31	Billings	OSU	10.3	-	60.1
		Mean	**17.3**	**33.3**	**59.6**
		CV (%)	**13.9**	**13.0**	
		LSD (5%)	**4.0**	**5.0**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

Uniform Wheat Variety Trial - Knox County, HRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †
1	Greer	Syngenta	16.8	29.6
2	Jagger	KSU	16.6	22.1
3	Bullet	OSU	15.9	24.7
4	OK07209*	OSU	15.5	-
5	Duster	OSU	15.1	30.8
6	AP08TA6927*	Syngenta	14.9	-
7	TAM 112	TAMU	14.7	24.7
8	Shocker	Westbred	14.0	24.9
9	Fuller	KSU	13.9	27.0
10	Jackpot	Syngenta	13.7	24.9
11	APH09T1122*	Syngenta	13.1	-
12	TAM 304	TAMU	13.0	24.7
13	TAM 203	TAMU	12.6	25.8
14	Jagalene	Syngenta	12.3	17.7
15	OK07214*	OSU	12.0	-
16	Santa Fe	Westbred	11.6	23.4
17	Pete	OSU	11.4	22.3
18	TAM 113 (TX02A0252)	TAMU	10.7	24.1
19	TAM 401	TAMU	10.1	22.0
20	Garrison (OK05212)	OSU	10.1	20.6
21	TX06A001263*	TAMU	9.4	23.5
22	AP08T6224*	Syngenta	9.3	-
23	Billings	OSU	9.2	24.3
24	AP08T5913*	Syngenta	9.1	-
25	TAM W-101	TAMU	8.9	18.2
26	Endurance	OSU	8.7	22.3
27	Armour	Westbred	8.6	24.3
28	TX05A001188*	TAMU	7.3	-
29	TAM 111	TAMU	6.5	20.2
30	TX06A001281*	TAMU	6.2	-
31	Fannin	Syngenta	5.9	20.3
		Mean	**11.2**	**23.6**
		CV (%)	**14.3**	**10.2**
		LSD (5%)	**2.6**	**2.8**

* Experimental wheat breeding line

† Yield average for 2011 and 2010

Test Weights were not available at time of publication.

Uniform Wheat Variety Trial - Vernon - Irrigated, HRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †
1	AP08TA6927*	Syngenta	33.9	-
2	AP08T6224*	Syngenta	31.0	-
3	OK07214*	OSU	30.5	-
4	Fuller	KSU	30.3	38.8
5	Santa Fe	Westbred	28.6	38.0
6	Jagalene	Syngenta	28.5	28.0
7	OK07209*	OSU	28.3	-
8	Duster	OSU	27.9	43.5
9	TAM 112	TAMU	27.8	37.0
10	Fannin	Syngenta	27.6	45.8
11	Shocker	Westbred	27.6	39.4
12	TAM 111	TAMU	27.0	42.8
13	Endurance	OSU	27.0	37.0
14	TX06A001263*	TAMU	26.3	38.9
15	TAM 203	TAMU	26.2	39.7
16	Armour	Westbred	25.9	39.8
17	Garrison (OK05212)	OSU	25.9	39.7
18	TX06A001281*	TAMU	25.9	-
19	Jackpot	Syngenta	25.7	40.7
20	TAM 113 (TX02A0252)	TAMU	25.7	38.8
21	Billings	OSU	25.4	43.3
22	Greer	Syngenta	25.4	43.3
23	Pete	OSU	25.4	28.8
24	TAM 304	TAMU	25.3	34.5
25	TX05A001188*	TAMU	25.3	-
26	Jagger	KSU	24.7	30.6
27	APH09T1122*	Syngenta	24.6	-
28	Bullet	OSU	24.1	33.5
29	TAM 401	TAMU	23.0	34.9
30	AP08T5913*	Syngenta	22.9	-
31	TAM W-101	TAMU	20.6	32.6
		Mean	**26.4**	**37.8**
		CV (%)	**10.1**	**10.4**
		LSD (5%)	**4.3**	**4.8**

* Experimental wheat breeding line

† Yield average for 2011 and 2010

Test Weights were not available at time of publication.

Uniform Wheat Variety Trial - Vernon, SRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011
1	USG 3209	UniSouth Genetics	31.8
2	Terral TV8861	Terral Seed	31.3
3	USG 3201	UniSouth Genetics	31.2
4	USG 3409	UniSouth Genetics	31.1
5	Terral TVX8525*	Terral Seed	30.7
6	Pioneer 25R47	Pioneer	29.1
7	USG 3665	UniSouth Genetics	29.0
8	Pioneer 25R40	Pioneer	28.1
9	USG 3251	UniSouth Genetics	28.1
10	Terral TVX8535*	Terral Seed	27.9
11	Terral TV8558	Terral Seed	26.9
12	Terral TV8589	Terral Seed	26.5
13	Pioneer 25R30	Pioneer	25.8
14	Terral TVX8848*	Terral Seed	25.3
15	Terral TVX8626*	Terral Seed	24.7
16	Coker 9553	Syngenta	24.7
17	Pioneer 25R56	Pioneer	23.6
18	USG 3555	UniSouth Genetics	23.6
19	Coker 9700	Syngenta	23.3
20	Terral LA 841	Terral Seed	23.1
21	Terral LA 821	Terral Seed	22.7
22	AGS 2020	AgSouth Genetics	22.1
23	Arcadia	Syngenta	22.0
24	AGS 2035	AgSouth Genetics	21.5
25	Dyna-Gro 9012	Dyna-Gro	21.4
26	Terral TVX8460*	Terral Seed	21.3
27	Mason	Syngenta	20.9
28	AGS 2010	AgSouth Genetics	19.8
29	TAMsoft 700	TAMU	19.8
30	AGS 2026	AgSouth Genetics	19.6
31	Coker 9663	Syngenta	19.5
32	Dyna-Gro Baldwin	Dyna-Gro	19.3
33	Oakes	Syngenta	19.1
34	TAM 203**	TAMU	19.0
35	GA001138-8E36*	UGA	18.9
36	Crawford	Syngenta	18.3
37	Magnolia	Syngenta	18.0
38	Dyna-Gro 9053	Dyna-Gro	15.4
39	LA01110D-150*	LSU	13.5
40	Fannin**	Syngenta	13.3
		Mean	**23.3**
		CV (%)	**12.3**
		LSD (5%)	**4.6**

*Experimental Lines
**Hard wheat varieties

Uniform Wheat Variety Trial - Young County, HRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Test Weight (lb/bu) 2010
1	TAM 113 (TX02A0252)	TAMU	49.0	39.8	64.2
2	Armour	Westbred	48.4	42.3	61.3
3	TX05A001188*	TAMU	47.3	-	62.4
4	Jackpot	Syngenta	47.2	40.9	62.5
5	TAM 111	TAMU	47.1	39.0	63.3
6	Greer	Syngenta	46.5	49.0	61.1
7	TX06A001263*	TAMU	46.0	36.6	63.7
8	Fuller	KSU	45.9	38.8	62.9
9	TAM 304	TAMU	45.6	38.8	61.8
10	TAM 112	TAMU	44.7	34.7	64.7
11	Santa Fe	Westbred	44.2	36.0	62.6
12	Pete	OSU	44.1	34.9	64.5
13	AP08T5913*	Syngenta	43.8	-	63.2
14	Duster	OSU	43.7	40.8	63.5
15	TAM 203	TAMU	43.6	39.0	61.3
16	Garrison (OK05212)	OSU	42.9	41.9	62.8
17	Jagalene	Syngenta	42.4	27.4	63.3
18	TAM W-101	TAMU	42.2	33.3	64.2
19	OK07209*	OSU	41.7	-	63.7
20	AP08T6224*	Syngenta	41.6	-	62.9
21	Jagger	KSU	41.3	32.6	62.2
22	Bullet	OSU	40.6	35.1	62.4
23	OK07214*	OSU	39.3	-	64.3
24	Billings	OSU	39.0	42.4	64.3
25	APH09T1122*	Syngenta	38.8	-	64.3
26	Shocker	Westbred	38.7	35.3	62.3
27	TAM 401	TAMU	38.1	39.6	60.7
28	AP08TA6927*	Syngenta	36.7	-	63.8
29	Endurance	OSU	36.6	32.9	63.3
30	Fannin	Syngenta	34.4	43.4	64.1
31	TX06A001281*	TAMU	28.3	-	62.1
		Mean	**42.3**	**38.0**	**63.0**
		CV (%)	**7.2**	**11.9**	
		LSD (5%)	**4.9**	**5.8**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

South Texas Locations Agronomic Data

Location[1]	Yield Limiting Issues	Planting Date	Fertilizer (Total)	Water*	Pesticide Applied	Date Appl.
			(lbN/a)			
Brady	Very Dry Conditions Season Long	11/23/10	70	D	Weedmaster + Finess Dimethoate	2/18/11
Castroville	Freeze affected Spring Wheat	11/17/10	70	IF	None	-
College Station	Dry Conditions; Poor Stand; **Not Harvested**	11/5/10	83	D	Weedmaster	2/23/11
San Antonio (Syngenta)	Lodging from residual nitrogen from previous clover crop; Wildlife damage	11/10/10	86	IL	Cooperator Applied	-
Uvalde	Uneven Stands: **Not Harvested**	11/19/10	70	IL	Huskie w/Fertilizer	2/11/11

[1]All locations were conventionally tilled and planted on 7 inch row spacings.
*Irrigation: IF = IL = Irrigated Limited, D = Dryland

Uniform Wheat Variety Trial - South Texas Yield Summary 2011

2011 Rank	Variety	Source	2011 Yield bu/ac			
			AVG	Brady	Castroville	San Antonio
1	TX06A001281*	TAMU	**47.4**	20.0	71.3	50.9
2	TAM 304	TAMU	**46.6**	20.7	76.1	43.1
3	Armour	Westbred	**44.0**	22.0	69.8	40.2
4	Billings	OSU	**43.2**	18.6	61.3	49.6
5	OK07214*	OSU	**42.7**	13.2	65.8	49.2
6	TX06A001263*	TAMU	**42.5**	19.8	63.0	44.6
7	Coronado	Syngenta	**42.2**	24.7	66.2	35.7
8	OK07209*	OSU	**41.6**	23.1	63.4	38.4
9	TAM 401	TAMU	**41.1**	13.0	63.2	47.1
10	Greer	Syngenta	**40.5**	20.8	54.6	46.2
11	Jackpot	Syngenta	**40.0**	25.8	60.0	34.3
12	Fannin	Syngenta	**39.6**	16.3	56.6	46.0
13	AP08T6224*	Syngenta	**39.4**	15.4	59.3	43.4
14	Duster	OSU	**39.1**	20.6	63.4	33.4
15	Shocker	Westbred	**39.0**	18.7	56.5	41.7
16	AP08T5913*	Syngenta	**39.0**	24.5	55.5	36.9
17	Pete	OSU	**38.6**	12.8	61.1	41.9
18	Sturdy 2K	TAMU	**38.4**	17.4	66.6	31.2
19	TAM 203	TAMU	**38.3**	18.6	60.7	35.7
20	TX05A001188*	TAMU	**38.0**	24.0	61.0	29.1
21	Deliver	OSU	**37.9**	24.1	58.5	31.0
22	TAM 113 (TX02A0252)	TAMU	**37.5**	28.0	55.2	29.2
23	Santa Fe	Westbred	**36.9**	24.8	57.1	28.8
24	Garrison (OK05212)	OSU	**36.1**	20.3	58.3	29.7
25	APH09T1122*	Syngenta	**35.9**	20.7	52.5	34.4
26	AP08TA6927*	Syngenta	**35.8**	13.5	59.6	34.3
27	Fuller	KSU	**33.5**	16.7	46.6	37.2
28	Jagalene	Syngenta	**32.6**	19.7	55.0	23.0
29	TAM 111	TAMU	**32.0**	17.8	49.5	28.6
30	Bullet	OSU	**31.4**	17.8	46.1	30.3
31	Endurance	OSU	**31.1**	15.3	49.1	28.9
32	Weathermaster 135	Unknown	**30.5**	20.8	41.7	28.9
33	TAM W-101	TAMU	**30.4**	14.4	50.0	26.7
34	Jagger	KSU	**29.9**	17.8	50.0	21.9
35	TAM 112	TAMU	**28.5**	20.1	47.0	18.4
		Mean	**37.7**	**19.5**	**58.0**	**35.7**
* Experimental wheat breeding line		**CV (%)**	**14.7**	**21.8**	**11.4**	**13.5**
		LSD (5%)	**5.1**	**5.9**	**9.1**	**8.0**

Uniform Wheat Variety Trial - Brady, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Grain Yield (bu/ac) 3-Year ‡	Test Weight (lb/bu) 2011
1	TAM 113 (TX02A0252)	TAMU	28.0	29.6	38.9	61.8
2	Jackpot	Syngenta	25.8	36.9	40.3	61.4
3	Santa Fe	Westbred	24.8	32.9	37.8	61.4
4	Coronado	Syngenta	24.7	30.9	35.2	61.0
5	AP08T5913*	Syngenta	24.5	-	-	62.7
6	Deliver	OSU	24.1	30.3	35.7	60.3
7	TX05A001188*	TAMU	24.0	-	-	61.4
8	OK07209*	OSU	23.1	-	-	62.6
9	Armour	Westbred	22.0	31.5	-	59.9
10	Weathermaster 135	Unknown	20.8	-	-	59.7
11	Greer	Syngenta	20.8	32.1	39.3	59.6
12	APH09T1122*	Syngenta	20.7	-	-	61.3
13	TAM 304	TAMU	20.7	33.5	35.9	58.5
14	Duster	OSU	20.6	34.3	39.6	61.7
15	Garrison (OK05212)	OSU	20.3	31.3	-	61.5
16	TAM 112	TAMU	20.1	31.2	37.8	61.6
17	TX06A001281*	TAMU	20.0	-	-	59.6
18	TX06A001263*	TAMU	19.8	28.8	-	60.7
19	Jagalene	Syngenta	19.7	26.1	32.6	61.1
20	Shocker	Westbred	18.7	31.0	32.8	59.6
21	Billings	OSU	18.6	31.9	34.2	58.5
22	TAM 203	TAMU	18.6	27.1	36.1	58.3
23	TAM 111	TAMU	17.8	30.2	37.6	61.7
24	Bullet	OSU	17.8	29.1	36.2	60.5
25	Jagger	KSU	17.8	28.3	33.4	59.9
26	Sturdy 2K	TAMU	17.4	31.3	38.3	60.0
27	Fuller	KSU	16.7	29.9	40.1	62.5
28	Fannin	Syngenta	16.3	29.4	32.8	61.5
29	AP08T6224*	Syngenta	15.4	-	-	60.3
30	Endurance	OSU	15.3	27.4	32.9	60.8
31	TAM W-101	TAMU	14.4	24.3	34.2	60.8
32	AP08TA6927*	Syngenta	13.5	-	-	61.0
33	OK07214*	OSU	13.2	-	-	60.4
34	TAM 401	TAMU	13.0	23.1	29.7	57.2
35	Pete	OSU	12.8	28.6	33.0	61.0
		Mean	**19.8**	**30.0**	**35.8**	**60.5**
		CV (%)	**21.8[a]**	**16.7[a]**	**15.1**	
		LSD (5%)	**5.9**	**5.8**	**5.1**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

[a]Trials with a coefficient of variation (CV) ≥ 15% contain excessive experimental error. Readers should consider trials in a similar environment to confirm varietal effect on yields.

Uniform Wheat Variety Trial - Castroville, HRWW 2011

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011	Grain Yield (bu/ac) 2-Year †	Grain Yield (bu/ac) 3-Year ‡	Test Weight (lb/bu) 2011
1	TAM 304	TAMU	76.1	83.9	77.1	58.5
2	TX06A001281*	TAMU	71.3	-	-	60.3
3	Armour	Westbred	69.8	74.5	-	57.6
4	Sturdy 2K	TAMU	66.6	75.0	59.4	60.5
5	Coronado	Syngenta	66.2	76.6	70.5	60.7
6	OK07214*	OSU	65.8	-	-	60.9
7	OK07209*	OSU	63.4	-	-	62.0
8	Duster	OSU	63.4	71.5	69.5	60.5
9	TAM 401	TAMU	63.2	74.8	77.3	56.9
10	TX06A001263*	TAMU	63.0	81.7	-	61.2
11	Billings	OSU	61.3	72.7	74.0	60.7
12	Pete	OSU	61.1	78.3	67.0	61.7
13	TX05A001188*	TAMU	61.0	-	-	59.3
14	TAM 203	TAMU	60.7	70.8	65.4	60.2
15	Jackpot	Syngenta	60.0	67.1	65.5	59.1
16	AP08TA6927*	Syngenta	59.6	-	-	60.9
17	AP08T6224*	Syngenta	59.3	-	-	59.1
18	Deliver	OSU	58.5	58.2	54.8	60.6
19	Garrison (OK05212)	OSU	58.3	62.0	-	59.2
20	Santa Fe	Westbred	57.1	74.9	69.7	59.6
21	Fannin	Syngenta	56.6	51.6	51.3	61.8
22	Shocker	Westbred	56.5	74.2	73.7	59.9
23	AP08T5913*	Syngenta	55.5	-	-	61.2
24	TAM 113 (TX02A0252)	TAMU	55.2	60.2	56.2	61.0
25	Jagalene	Syngenta	55.0	57.4	49.0	59.0
26	Greer	Syngenta	54.6	59.2	67.7	58.0
27	APH09T1122*	Syngenta	52.5	-	-	60.6
29	TAM W-101	TAMU	50.0	52.1	48.5	60.9
30	Jagger	KSU	50.0	51.9	47.5	58.6
31	TAM 111	TAMU	49.5	52.0	46.1	61.4
32	Endurance	OSU	49.1	51.7	44.5	57.4
33	TAM 112	TAMU	47.0	44.4	48.1	60.3
34	Fuller	KSU	46.6	58.5	62.6	57.6
35	Bullet	OSU	46.1	49.8	43.9	58.0
36	Weathermaster 135	Unknown	41.7	-	-	56.2
		Mean	**58.0**	**64.8**	**60.4**	**59.9**
		CV (%)	**11.4**	**14.7**	**18.9[a]**	
		LSD (5%)	**9.1**	**12.7**	**10.6**	

* Experimental wheat breeding line

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

[a]Trials with a coefficient of variation (CV) ≥ 15% contain excessive experimental error. Readers should consider trials in a similar environment to confirm varietal effect on yields.

Uniform Wheat Variety Trial - Castroville, HRSW[1] 2011

2011 Rank	Variety	Source	Yield (bu/ac) 2011	Yield (bu/ac) 2-Year †	Yield (bu/ac) 3-Year ‡	Test Weight (lb/bu) 2011
1	Edge	WestBred	55.7	50.7	-	60.9
2	Blade	WestBred	52.9	55.7	53.1	63.3
3	Breaker	WestBred	52.6	58.1	-	62.9
4	Banton	Trigen	43.9	41.9	-	62.6
5	Albany	Trigen	43.4	57.8	58.8	61.0
6	Glenn	NDSU	43.0	45.2	-	64.2
7	Verde-8	MN	42.9	57.3	-	60.6
8	Select (SD 3948)	SD	41.5	-	-	62.7
9	Faller	NDSU	40.4	55.5	54.4	61.6
10	Barlow	NDSU	38.8	54.5	-	61.4
11	Brennan	Syngenta	25.4	44.0	-	60.2
		Mean	**43.7**	**52.1**	**55.4**	**61.9**
		CV (%)	**15.3[a]**	**15.1[a]**	**17.2[a]**	
		LSD (5%)	**9.6**	**7.5**	**7.0**	

† Yield average for 2011 and 2010

‡ Yield average for 2011, 2010, and 2009

[1]Hard Red Spring Wheat

[a]Trials with a coefficient of variation (CV) ≥ 15% contain excessive experimental error.
Readers should consider trials in a similar environment to confirm varietal effect on yields.

Uniform Wheat Variety Trial - San Antonio, HRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011
1	TX06A001281*	TAMU	50.9
2	Billings	OSU	49.6
3	OK07214*	OSU	49.2
4	TAM 401	TAMU	47.1
5	Greer	Syngenta	46.2
6	Fannin	Syngenta	46.0
7	TX06A001263*	TAMU	44.6
8	AP08T6224*	Syngenta	43.4
9	TAM 304	TAMU	43.1
10	Pete	OSU	41.9
11	Shocker	Westbred	41.7
12	Armour	Westbred	40.2
13	OK07209*	OSU	38.4
14	Fuller	KSU	37.2
15	AP08T5913*	Syngenta	36.9
16	Coronado	Syngenta	35.7
17	TAM 203	TAMU	35.7
18	APH09T1122*	Syngenta	34.4
19	Jackpot	Syngenta	34.3
20	AP08TA6927*	Syngenta	34.3
21	Duster	OSU	33.4
22	Sturdy 2K	TAMU	31.2
23	Deliver	OSU	31.0
24	Bullet	OSU	30.3
25	Garrison (OK05212)	OSU	29.7
26	TAM 113 (TX02A0252)	TAMU	29.2
27	TX05A001188*	TAMU	29.1
28	Endurance	OSU	28.9
29	Weathermaster 135	Unknown	28.9
30	Santa Fe	Westbred	28.8
31	TAM 111	TAMU	28.6
32	TAM W-101	TAMU	26.7
33	Jagalene	Syngenta	23.0
34	Jagger	KSU	21.9
35	TAM 112	TAMU	18.4
		Mean	**35.7**
		CV (%)	**13.5**
* Experimental wheat breeding line		**LSD (5%)**	**8.0**

Test Weights were not avaialble at time of publication.

Uniform Wheat Variety Trial - San Antonio, SRWW 2011 (Syngenta)

2011 Rank	Variety	Source	Grain Yield (bu/ac) 2011
1	Magnolia	Syngenta	61.7
2	GA001138-8E36*	UGA	61.3
3	AGS 2035	AgSouth Genetics	60.8
4	USG 3555	UniSouth Genetics	59.8
5	Arcadia	Syngenta	59.6
6	Coker 9700	Syngenta	58.5
7	USG 3409	UniSouth Genetics	58.5
8	Coker 9553	Syngenta	56.9
9	USG 3209	UniSouth Genetics	54.9
10	LA01110D-150*	LSU	53.0
11	Terral TV8558	Terral Seed	52.6
12	USG 3201	UniSouth Genetics	52.4
13	TAMsoft 700	TAMU	51.5
14	Terral TV8861	Terral Seed	49.7
15	Crawford	Syngenta	49.4
16	Dyna-Gro Baldwin	Dyna-Gro	48.3
17	Terral TVX8535*	Terral Seed	47.9
18	Terral TVX8525*	Terral Seed	47.8
19	Terral LA 841	Terral Seed	47.6
20	Terral LA 821	Terral Seed	47.5
21	Fannin**	Syngenta	45.7
22	USG 3665	UniSouth Genetics	45.6
23	Mason	Syngenta	45.3
24	Dyna-Gro 9012	Dyna-Gro	44.2
25	Pioneer 25R47	Pioneer	43.6
26	AGS 2010	AgSouth Genetics	42.1
27	Pioneer 25R30	Pioneer	42.0
28	Terral TVX8848*	Terral Seed	41.8
29	AGS 2020	AgSouth Genetics	41.5
30	TAM 203**	TAMU	41.3
31	USG 3251	UniSouth Genetics	40.9
32	Coker 9663	Syngenta	40.9
33	Pioneer 25R40	Pioneer	40.6
34	Terral TVX8626*	Terral Seed	38.5
35	AGS 2026	AgSouth Genetics	38.2
36	Terral TV8589	Terral Seed	37.4
37	Dyna-Gro 9053	Dyna-Gro	37.1
38	Pioneer 25R56	Pioneer	34.0
39	Oakes	Syngenta	31.2
40	Terral TVX8460*	Terral Seed	24.0
		Mean	**46.9**
		CV (%)	**12.7**
		LSD (5%)	**9.7**

*Experimental Lines

**Hard wheat varieties

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