

2012 Texas Wheat Variety Trial Results

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2012

Texas Wheat Uniform 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 Research and Extension faculty and staff, and Syngenta personnel. We 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 market classes within these yield trials included Hard Red Winter Wheat (HRWW), Soft Red Winter Wheat (SRWW) and Hard Red Spring Wheat (HRSW).

During the 2011-2012 wheat production season, Texas producers planted 5.8 million acres of wheat, which was up from 5.3 million acres in 2011 according to the National Agricultural Statistics Service (NASS). Texas wheat production in 2011 was 49.4 million bushels, while the projected production for 2012 is 91.5 million bushels, up 86 percent from 2011 but down 28 percent from 2010. The production and yield was down significantly in 2011 due to the exceptional drought that most of the state experienced during the growing season. Excellent wheat yields were harvested in the Blackland prairies and eastern Rolling Plains, while much of the High Plains were dry. Although dry, yields on the High Plains were greatly improved over the 2011 drought year.

The purpose of this publication is to provide unbiased yield data, and disease and insect ratings 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 planted on their farms. Variety diversification spreads the risk associated with potentially devastating pests (leaf rust, stripe rust, Hessian fly, *Wheat streak mosaic virus*, leaf curl mite, greenbugs, etc.) and yield loss from adverse environmental factors (freeze, drought, etc.).

Producers are advised to select no fewer than 2 or 3 varieties to plant on their farms and preferably more, depending upon the 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 yield over multiple years and multiple locations demonstrates a variety's ability to perform well over diverse environmental conditions. Stable yield performance is an excellent variety selection tool. It is important to consider decreasing yield 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 2012-13 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 where available, 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:

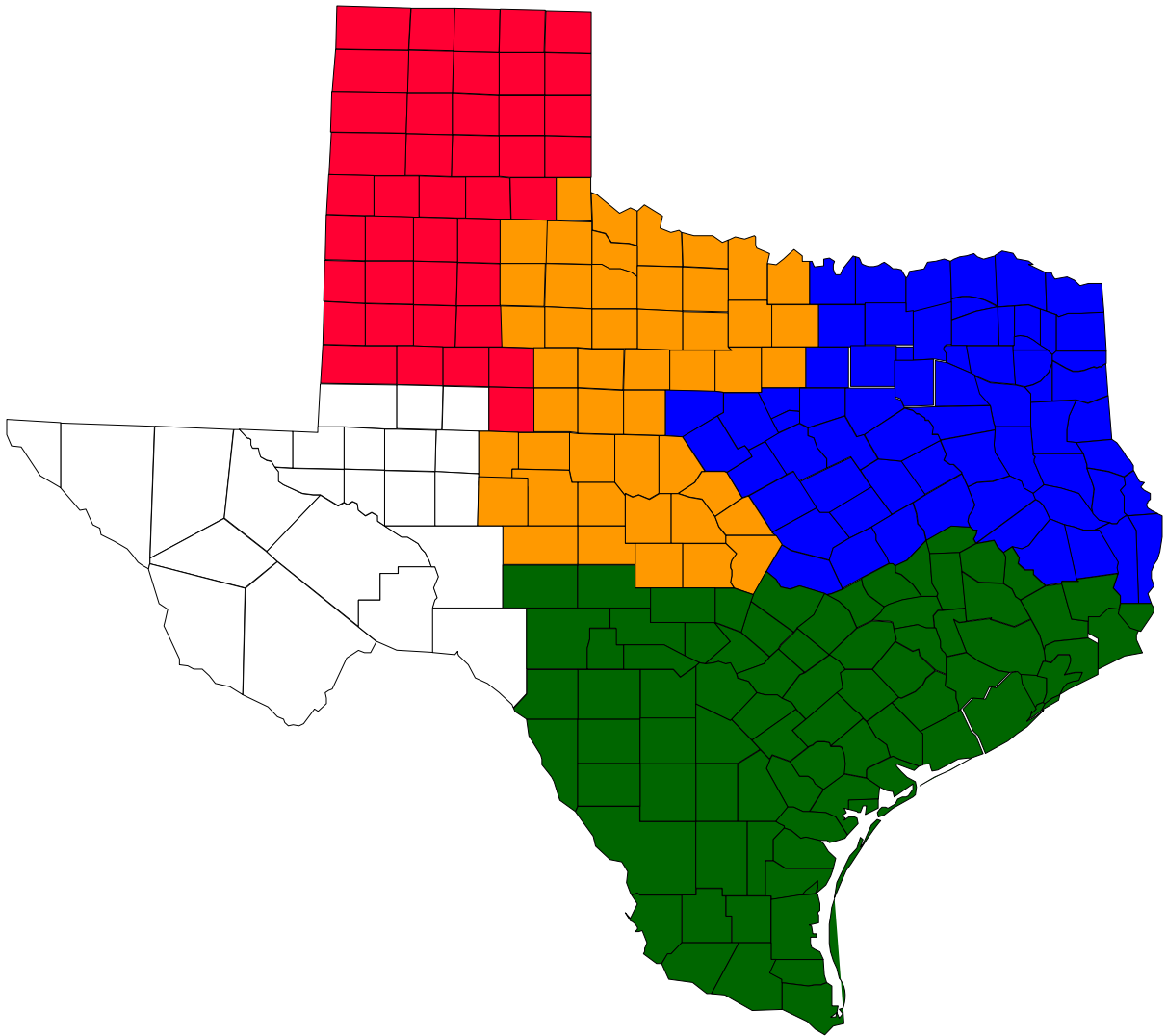
Yield and test weight at each location have been analyzed using appropriate statistical procedures. The statistical analysis provides the mean, coefficient of variation (CV), and LSD values. It is important to note these statistical values to prevent misinterpretation of any replicated data.

The mean is another term for the average. Therefore, a mean yield is the average of all plots within a trial. Individual variety yields can be compared to the mean yield to determine how these varieties performed within the trial (i.e. were they above or below average?). This average can also be used as an indication of the environment for that location. A low mean yield can indicate poor growing conditions were experienced in that season; likewise, a high yield average can indicate favorable growing conditions.





The CV value, expressed as 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 of non-uniform stands, non-uniform insect or disease pressure, variability in harvesting, or other issues. CV values in excess of 15% signify that there were problems in the trial, leading the reader to question 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 that same trial with an LSD value of 5 bu/ac at a 0.05 (5%) significance level, the statistical inference one could say is that Variety A would yield better than Variety B in 19 out of 20 trials conducted in which there was at least a 5 bushel difference in yield. In this hypothetical comparison, you might have a 20th 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	

2012 Texas Wheat Region Overview

Texas Blacklands:

The Texas Blacklands this past growing season did not give producers as many challenges as in 2011. The season started with consistent rainfall in mid November through the first of December, which allowed grain producers to plant into moisture to establish good stands. Early season growth was steady with warmer than normal temperatures throughout the region. Plants in this region advanced 10 to 14 days quicker than most years also due to the warmer temperatures. Powdery mildew incidence was high throughout the Blacklands, but less than expected areas of leaf and stripe rust were observed, possibly due to the number of fields that were sprayed with a fungicide in February in conjunction with the topdress application. Glume blotch was found in many wheat fields in this region as well due to the warm temperatures and the abundance of rainfall at the time of heading and seed fill. Greenbugs were not as prevalent this year, but significant patches of Bird Cherry Oat aphids were observed in areas around Waco. In addition, due to the extremely high numbers of these aphids many fields were infected with *Barley yellow dwarf virus*.

Texas High Plains:

Unfortunately, this area is still recovering from the extreme drought experienced in 2011. Moisture conditions were extremely dry to start the season, but there were some scattered rains throughout the winter and spring. Locations that received timely rains had above average yields while yields in some areas were similar to the drought yields of 2011. By April 10, wheat was still reported to be mostly in the “poor” condition across this area. Diseases and insects in this region were not prevalent this year due to the warm and abnormally dry climate. In addition, windy conditions were observed in the high plains all season long, which helped to keep this area’s soil moisture low. Some irrigated fields in the lower panhandle were left for grain, while many of the dryland wheat fields were cut for hay production.

Texas Rolling Plains:

Throughout the rolling plains rainfall was hit and miss this season. Much of the area received above average winter and early spring moisture and saw good wheat crops. In the areas where significant moisture was not found, many fields were either grazed out or were baled to replenish some of the hay supplies used last year due to the drought. The crop development was 1-2 weeks earlier than normal, due to warm winter and spring temperatures. The entire area also experienced warm and dry conditions during flowering and seed fill. Windy conditions were seen throughout this area, which caused some wheat to lodge, especially in areas with good winter/spring growth and if it came during a rainstorm. During 2012 in the rolling plains, diseases and insects were not a significant problem to wheat producers.

South Texas:

Wheat producers in areas of south Texas experienced a dry winter as well. For example, in Corpus Christi the prolonged dry conditions reduced not only stand establishment, but also significantly reduced grain yields in the fields where good stands were observed. However, areas closer to San Antonio received timely showers leading to good fields of wheat. Heavy rains late in the season caused significant lodging and shattering in those areas, which reduced the crop's yield. Wheat crops all along the south finished the season about two weeks ahead of normal due to the lack of cold weather during the winter months. Powdery mildew (early in the season) and leaf rust were the major diseases in wheat observed this past year. Some reports of glume blotch were found in this area as well. Insects were not a major issue in south Texas this past season.

Texas 2012 Hard Wheat Characteristics ²

Variety	Source	First Year Sold	Maturity Group	Height (inches) ³	Leaf Rust ¹	Stripe Rust	Stem Rust	Septoria Leaf Blotch	Tan Spot	Powdery Mildew	Wheat Streak Mosaic	Barley Yellow Dwarf	Green-bug	Russian Wheat Aphid (biotype 1)	Hessian Fly
Coronado	AgriPro	1994	Early	-2	MS	MS	MR	-	-	MS	-	-	S	S	MR
Doans	AgriPro	2007	Med Early	-1	R	R	-	MR	MS	MS	-	-	S	S	S
Fannin	AgriPro	2005	Med Early	-3	R	R	R	-	-	R	-	-	S	S	S
Greer	AgriPro	2010	Med Early	-2	MR	MR	-	-	-	S	-	-	-	-	-
Jackpot	AgriPro	2008	Med Early	-1	S	MR	MR	-	MR	MR	-	MS	S	S	MS
Jagalene	AgriPro	2001	Med Early	-1	S	S	R	MR	MS	S	MS	MS	S	S	S
Bill Brown	CSU	2007	Medium	-1	MR	MR	S	-	S	MS	S	S	S	MR	S
Fuller	KSU	2006	Med Early	-1	MS	MS	MS	MS	MS	S	MS	MS	S	S	S
Billings	OSU	2009	Early	-2	R	R	-	MR	MR	MR	S	MR	S	S	MS
Deliver	OSU	2004	Medium	-2	R	MR	MS	MR	MR	MR	S	S	S	S	MS
Duster	OSU	2006	Med Early	-1	R	MR	MS	MS	MS	MR	S	MR	S	S	R
Endurance	OSU	2005	Med Early	-2	MR	MS	MS	MS	S	MR	S	MR	S	S	MS
Pete	OSU	2010	Med Early	-1	MS	S	-	MS	MR	MS	S	MS	S	S	S
Sturdy 2K	TAMU	2003	Medium	-	R	MS	MR	-	-	MR	-	-	S	S	S
TAM 111	TAMU	2003	Medium	0	S	MR	R	MR	MR	S	MS	MS	S	S	MS
TAM 112	TAMU	2005	Med Early	-1	S	S	R	MR	MR	R	MR	MS	MR	S	S
TAM 113	TAMU	2012	Medium	-1	R	R	R	-	-	S	-	-	-	-	-
TAM 203	TAMU	2007	Med Early	-2	MR	MR	R	MS	S	S	S	MS	S	S	S
TAM 304	TAMU	2007	Med Early	-4	R	MS	MR	-	MS	MR	S	MS	S	S	S
TAM 401	TAMU	2008	Med Early	-3	R	MR	R	-	-	MR	MS	-	S	S	S
TAM W-101	TAMU	1971	Medium	-1	MS	MS	-	-	-	S	-	-	-	-	-
Armour	WestBred	2008	Medium	-4	MR	MS	-	MR	MR	R	S	MS	S	S	MS
Santa Fe	WestBred	2003	Med Early	-2	R	MR	MR	R	MR	MS	S	MS	S	S	S
Shocker	WestBred	2006	Med Early	-3	R	MS	MR	MR	MS	MS	S	MS	S	S	MS

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

²All data to the right of Height comes from observations made and data collected by the wheat breeding team.

³Heights represent the difference above or below that of TAM 111

Texas 2012 Soft Wheat Characteristics ²

Variety	Source	First Year Sold	Maturity Group	Leaf Rust ¹	Stripe Rust	Awned / Awnless
3120	UniSouth Genetics	2011	Medium	R	MR	Awned
3209	UniSouth Genetics	1994	Medium	R	MS	Awnless
3251	UniSouth Genetics	2010	Late	R	R	Awned
3409	UniSouth Genetics	2008	Medium	MR	MR	Awnless
3555	UniSouth Genetics	2007	Medium	R	R	Awnless
25R30	Pioneer	2011	Late	R	R	Awned
25R39	Pioneer	2007	Late	R	R	Awnless
25R40	Pioneer	2011	Late	R	R	Awned
AGS 2026	AgSouth Genetics	-	Early	R	R	Awned
AGS 2035	AgSouth Genetics	-	Medium	R	MR	Awned
AGS 2060	AgSouth Genetics	-	Medium	R	R	Awned
Arcadia	Syngenta	-	Medium	R	S	Awned
Coker 9553	Syngenta	2006	Medium	R	R	Awned
Coker 9663	Syngenta	1996	Medium	MS	S	Awnless
Coker 9700	Syngenta	-	Early	R	MS	Awned
Crawford	Syngenta	2001	Medium	MR	R	Awned
LA821	Terral	2007	Early	R	R	Awned
LA841	Terral	2005	Early	R	MR	Awned
Magnolia	Syngenta	1994	Medium	R	MR	Awned
Mason	Syngenta	1996	Medium	MS	R	Awnless
Oakes	Syngenta	2009	Medium	R	R	Awnless
SY Harrison	Syngenta	2012	Late	R	R	Awned
TAMsoft 700	TAMU	2009	Early	R	MR	Awnless
TV8525	Terral	2011	Medium	R	R	Awned
TV8535	Terral	2011	Medium	R	R	Awned
TV8626	Terral	2011	Late	MR	MS	Awned
TV8848	Terral	2010	Late	R	R	Awned
TV8861	Terral	2010	Late	R	R	Awned

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

Texas Blacklands Locations Agronomic Data

Location ¹	Cooperator(s)	Yield Limiting Issues	Planting Date	Fertilizer (Total)	Row Spacing	Pesticide Applied (Date)
				(lb N/a)	inch	
Ellis County	Bob Beakley	None	10/31/11	120	7	Amber (11/15/11)
Howe	Jack and Alton Norman Farms	Glume Blotch	11/2/11	184	6	Axial XL + Amber (1/23/12)
Lamar County	Ricky Snell	None	11/2/11	120	7	Amber (11/15/11)
Leonard	Brad and Ronnie Lumpkins Farms	Stripe Rust; Shattering-Harvested Late	10/31/11	126	6	Axial XL + Amber (1/23/12)
McGregor	McGregor Research Center	Warm Winter; Bird Cherry Oat Aphids	12/1/11	77	7	Amber (11/21/11) Dimethoate (2/27/12)
Muenster (Syngenta)	JH Bayer and Sons	Extreme Leaf Rust, Stripe Rust, Powdery Mildew, Tan Spot and Septoria Pressure	11/4/11	80	7	Cooperator Applied
Prosper	Kenneth Wright	None	11/14/11	120	7	Amber (11/15/11)
Royse City	Glynn Dodson Farms	Compromised by Annual Ryegrass Data Not Shown	11/1/11	177	6	Axial XL + Amber (1/23/12) f.b. Axial XL + DyneAmic (2/27/12)

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

Uniform Wheat Variety Trial - Blacklands Region Yield Summary 2012 - Hard Wheat

		2012 Yield bu/ac						
2012 Rank	Variety	Source	AVG	Ellis Co.	Lamar Co.	McGregor	Muenster	Prosper
1	Cedar	WestBred	76.8	90.0	74.0	57.9	72.2	89.7
2	Gallagher (OK07214)	OSU	68.7	84.5	68.4	49.6	62.4	78.7
3	Shocker	WestBred	68.4	78.3	75.3	53.4	56.0	78.9
4	TX06V7266*	TAMU	66.9	81.5	75.2	39.4	65.2	73.4
5	CJ	Syngenta	65.6	71.7	78.4	45.6	55.3	77.1
6	Billings	OSU	65.2	77.9	57.8	52.4	59.9	78.1
7	Ruby Lee	OSU	65.0	78.5	77.3	36.4	54.6	78.0
8	Greer	Syngenta	64.7	79.1	74.0	39.6	53.0	77.7
9	Deliver	OSU	63.3	78.3	69.1	43.6	52.0	73.5
10	Everest	KSU	63.1	74.4	67.2	43.5	54.3	76.3
11	TAM 203 (64 lb seed/a)	TAMU	67.0	80.2	61.3	-	50.4	76.1
12	TAM 401	TAMU	62.2	80.2	73.3	31.5	60.3	65.9
13	Iba (OK07209)	OSU	62.1	74.9	66.4	47.4	52.0	69.9
14	Razor (AP08TA6927)	Syngenta	61.7	74.2	67.4	39.1	55.1	72.7
15	TAM 304	TAMU	61.7	76.3	60.0	40.2	56.1	75.9
16	Fuller	KSU	60.6	75.8	66.4	35.1	57.1	68.7
17	Endurance	OSU	60.2	74.6	66.2	41.6	52.4	66.4
18	Santa Fe	WestBred	60.2	77.6	78.0	32.4	52.4	60.8
19	Armour	WestBred	60.1	70.3	71.2	34.6	44.0	80.4
20	TAM 203 (1 million seed/a)	TAMU	64.0	79.4	68.4	-	38.9	69.3
21	TX07A001505*	TAMU	59.1	76.8	62.3	39.8	51.8	64.8
22	TAM 305 (TX06A001263)	TAMU	58.5	74.3	61.4	36.2	55.8	64.9
23	APH09T9614*	Syngenta	58.0	73.9	58.3	40.7	51.7	65.1
24	Doans	Syngenta	57.7	65.4	71.5	42.0	52.3	57.4
25	APH09T2620*	Syngenta	57.1	66.9	71.5	34.6	45.6	66.7
26	Fannin	Syngenta	55.8	67.9	67.2	39.9	46.9	57.2
27	Sturdy 2K	TAMU	55.4	74.4	55.1	39.2	47.3	61.1
28	Jackpot	Syngenta	53.8	59.2	73.6	26.1	53.0	57.1
29	Garrison	OSU	53.4	70.8	65.7	29.1	39.1	62.1
30	Coronado	Syngenta	53.1	60.2	64.4	30.1	47.4	63.2
31	TAM 111	TAMU	51.6	66.8	64.4	27.8	34.8	64.1
32	Duster	OSU	50.8	55.0	54.5	39.9	47.4	56.9
33	TAM 112	TAMU	48.9	53.9	68.8	19.8	42.1	59.7
34	Jagalene	Syngenta	46.7	65.6	48.9	23.3	44.8	50.8
35	Jagger	KSU	45.5	59.7	52.8	18.5	45.8	50.9
36	TX03A0563-07*	TAMU	45.1	61.4	41.4	31.1	33.9	57.5
37	TAM 113	TAMU	44.7	58.3	56.9	17.7	35.5	54.9
38	Pete	OSU	44.1	43.2	59.2	23.0	28.0	67.1
39	TAM W-101	TAMU	39.9	55.3	49.2	18.0	31.3	45.9
40	Weathermaster 135	Unknown	36.2	48.7	42.4	19.5	35.3	35.3
Mean			57.6	70.4	64.6	35.8	49.3	66.3
CV (%)			10.2	10.3	8.1	13.1	12.7	11.8
LSD (5%)			7.3	11.8	8.5	7.7	10.2	12.7

* Experimental wheat breeding line

Uniform Wheat Variety Trial - Ellis County, HRWW 2012

2-Year Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2-Year †	2012	2012
1	TAM 304	TAMU	65.1	76.3	59.7
2	Greer	Syngenta	64.3	79.1	61.6
3	Gallagher (OK07214)	OSU	63.8	84.5	52.8
4	TAM 401	TAMU	63.8	80.2	58.3
5	Iba (OK07209)	OSU	63.5	74.9	60.8
6	Shocker	WestBred	63.4	78.3	59.7
7	Deliver	OSU	62.2	78.3	60.6
8	Billings	OSU	61.7	77.9	57.6
9	TAM 203 (1 million seed/a)	TAMU	61.7	79.4	58.0
10	Armour	WestBred	60.7	70.3	61.2
11	Endurance	OSU	59.7	74.6	59.2
12	Sturdy 2K	TAMU	59.1	74.4	57.5
13	Santa Fe	WestBred	56.8	77.6	56.5
14	Fannin	Syngenta	56.6	67.9	60.8
15	Garrison	OSU	55.5	70.8	61.3
16	Fuller	KSU	55.0	75.8	54.1
17	TAM 111	TAMU	54.9	66.8	54.9
18	Doans	Syngenta	52.2	65.4	56.8
19	Coronado	Syngenta	52.1	60.2	59.8
20	Jagalene	Syngenta	51.3	65.6	58.7
21	TAM 305 (TX06A001263)	TAMU	51.2	74.3	60.3
22	Jackpot	Syngenta	50.2	59.2	51.9
23	Duster	OSU	49.5	55.0	59.2
24	TAM 112	TAMU	45.8	53.9	60.3
25	TAM 113	TAMU	45.1	58.3	59.4
26	Weathermaster 135	Unknown	44.1	48.7	59.4
27	Jagger	KSU	43.5	59.7	58.0
28	Pete	OSU	42.7	43.2	59.8
29	TAM W-101	TAMU	41.0	55.3	60.2
30	Cedar	WestBred	-	90.0	58.4
31	TX06V7266*	TAMU	-	81.5	60.9
32	TAM 203 (64 lb seed/a)	TAMU	-	80.2	58.0
33	Ruby Lee	OSU	-	78.5	57.6
34	TX07A001505*	TAMU	-	76.8	58.6
35	Everest	KSU	-	74.4	59.7
36	Razor (AP08TA6927)	Syngenta	-	74.2	60.8
37	APH09T9614*	Syngenta	-	73.9	52.6
38	CJ	Syngenta	-	71.7	58.2
39	APH09T2620*	Syngenta	-	66.9	60.1
40	TX03A0563-07*	TAMU	-	61.4	57.5

Mean 55.0 70.4 58.5

CV (%) 10.7 10.3

LSD (5%) 8.2 11.8

* Experimental wheat breeding line

† Yield average for 2012 and 2011

Uniform Wheat Variety Trial - Lamar County, HRWW 2012

2-Year Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2-Year †	2012	2012
1	Santa Fe	WestBred	65.1	78.0	54.9
2	Greer	Syngenta	64.7	74.0	60.3
3	Armour	WestBred	61.6	71.2	59.5
4	Shocker	WestBred	61.1	75.3	58.1
5	Endurance	OSU	60.9	66.2	59.1
6	Jackpot	Syngenta	60.7	73.6	57.8
7	Doans	Syngenta	59.9	71.5	59.5
8	Iba (OK07209)	OSU	59.9	66.4	58.8
9	Fuller	KSU	59.7	66.4	57.2
10	Gallagher (OK07214)	OSU	59.6	68.4	58.2
11	TAM 203 (1 million seed/a)	TAMU	58.4	68.4	53.9
12	Fannin	Syngenta	57.4	67.2	60.7
13	Duster	OSU	56.6	54.5	58.4
14	Pete	OSU	56.3	59.2	58.6
15	TAM 112	TAMU	55.6	68.8	59.7
16	TAM 305 (TX06A001263)	TAMU	55.6	61.4	59.5
17	Garrison	OSU	54.4	65.7	59.9
18	TAM 304	TAMU	54.1	60.0	59.2
19	TAM 111	TAMU	53.2	64.4	56.2
20	Billings	OSU	52.3	57.8	58.1
21	Coronado	Syngenta	52.1	64.4	59.1
22	Sturdy 2K	TAMU	50.8	55.1	57.3
23	TAM 113	TAMU	49.3	56.9	58.3
24	Jagalene	Syngenta	46.2	48.9	58.8
25	Jagger	KSU	46.0	52.8	56.6
26	TAM W-101	TAMU	44.3	49.2	57.4
27	CJ	Syngenta	-	78.4	58.3
28	Ruby Lee	OSU	-	77.3	59.1
29	TX06V7266*	TAMU	-	75.2	58.6
30	Cedar	WestBred	-	74.0	58.2
31	TAM 401	TAMU	-	73.3	58.9
32	APH09T2620*	Syngenta	-	71.5	59.0
33	Deliver	OSU	-	69.1	58.8
34	Razor (AP08TA6927)	Syngenta	-	67.4	60.5
35	Everest	KSU	-	67.2	60.6
36	TX07A001505*	TAMU	-	62.3	57.4
37	TAM 203 (64 lb seed/a)	TAMU	-	61.3	57.3
38	APH09T9614*	Syngenta	-	58.3	57.2
39	Weathermaster 135	Unknown	-	42.4	57.2
40	TX03A0563-07*	TAMU	-	41.4	52.5

	Mean	56.0	64.6	58.2
	CV (%)	9.9	8.1	
	LSD (5%)	7.8	8.5	
* Experimental wheat breeding line				
† Yield average for 2012 and 2011				

Uniform Wheat Variety Trial - McGregor, HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year†	2012	2012
1	Billings	OSU	56.9	36.5	52.4	57.2
2	Shocker	WestBred	50.1	27.6	53.4	58.1
3	TAM 203 (750,000 seed/a)	TAMU	49.7	30.1	44.1	54.8
4	Duster	OSU	47.7	34.2	39.9	55.8
5	Armour	WestBred	47.0	36.4	34.6	52.2
6	TAM 304	TAMU	46.4	32.9	40.2	50.2
7	Greer	Syngenta	46.2	27.4	39.6	51.0
8	Endurance	OSU	46.1	34.8	41.6	56.8
9	Deliver	OSU	46.1	34.4	43.6	55.1
10	Sturdy 2K	TAMU	45.7	31.0	39.2	57.3
11	Doans	Syngenta	44.7	28.5	42.0	60.1
12	Fannin	Syngenta	44.4	34.1	39.9	58.2
13	TAM 305 (TX06A001263)	TAMU	44.2	36.7	36.2	56.5
14	TAM 401	TAMU	41.0	18.6	31.5	52.6
15	Jackpot	Syngenta	40.4	31.9	26.1	52.3
16	Pete	OSU	39.9	34.4	23.0	52.8
17	Fuller	KSU	39.0	29.4	35.1	51.6
18	Coronado	Syngenta	37.5	35.5	30.1	54.4
19	TAM 111	TAMU	36.2	28.5	27.8	55.9
20	Santa Fe	WestBred	35.4	29.2	32.4	52.5
21	Garrison	OSU	33.7	27.8	29.1	52.4
22	TAM 113	TAMU	29.2	28.3	17.7	53.9
23	TAM 112	TAMU	28.7	31.5	19.8	54.9
24	Jagger	KSU	27.5	33.6	18.5	47.3
25	Jagalene	Syngenta	25.6	28.0	23.3	52.9
26	TAM W-101	TAMU	23.6	25.9	18.0	53.4
27	Iba (OK07209)	OSU	-	35.2	47.4	58.7
28	Weathermaster 135	Unknown	-	29.7	19.5	51.5
29	Gallagher (OK07214)	OSU	-	29.4	49.6	58.3
30	Cedar	WestBred	-	-	57.9	58.2
31	TAM 203 (50 lb seed/a)	TAMU	-	-	47.7	58.2
32	CJ	Syngenta	-	-	45.6	57.0
33	Everest	KSU	-	-	43.5	55.2
34	APH09T9614*	Syngenta	-	-	40.7	58.9
35	TX07A001505*	TAMU	-	-	39.8	56.7
36	TX06V7266*	TAMU	-	-	39.4	54.2
37	Razor (AP08TA6927)	Syngenta	-	-	39.1	57.0
38	Ruby Lee	OSU	-	-	36.4	55.6
39	APH09T2620*	Syngenta	-	-	34.6	59.0
40	TX03A0563-07*	TAMU	-	-	31.1	54.9

Mean **40.5** **31.1** **36.3** **55.1**

CV (%) **13.7** **14.1** **13.1**

LSD (5%) **6.7** **6.7** **7.7**

* Experimental wheat breeding line

† Yield average for 2012 and 2011

‡ Yield average for 2012, 2011, and 2010

Uniform Wheat Variety Trial - Muenster, HRWW 2012 (Syngenta)

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	Billings	OSU	51.2	46.3	59.9	62.7
2	TAM 305 (TX06A001263)	TAMU	47.0	43.9	55.8	61.9
3	TAM 401	TAMU	45.9	47.8	60.3	59.8
4	Duster	OSU	45.4	44.9	47.4	59.8
5	Doans	Syngenta	44.5	44.5	52.3	63.9
6	TAM 304	TAMU	44.3	45.3	56.1	58.9
7	Endurance	OSU	43.7	47.0	52.4	59.7
8	Santa Fe	WestBred	43.2	44.0	52.4	61.0
9	Jackpot	Syngenta	43.2	46.2	53.0	60.3
10	Greer	Syngenta	42.3	42.5	53.0	57.7
11	Fannin	Syngenta	42.3	36.9	46.9	62.6
12	Sturdy 2K	TAMU	42.2	41.1	47.3	60.7
13	Armour	WestBred	40.4	39.6	44.0	57.4
14	Garrison	OSU	38.7	36.4	39.1	58.4
15	Shocker	WestBred	38.3	41.0	56.0	60.8
16	Coronado	Syngenta	38.3	39.7	47.4	60.4
17	TAM 113	TAMU	38.1	35.8	35.5	53.3
18	Fuller	KSU	37.5	39.6	57.1	60.6
19	TAM 112	TAMU	35.2	39.4	42.1	60.8
20	Jagalene	Syngenta	34.7	42.8	44.8	60.1
21	Jagger	KSU	34.5	40.4	45.8	58.3
22	Pete	OSU	32.8	30.4	28.0	55.8
23	TAM 203 (1 million seed/a)	TAMU	31.7	28.0	38.9	55.5
24	TAM 111	TAMU	31.2	31.1	34.8	58.8
25	TAM W-101	TAMU	26.7	28.2	31.3	55.2
26	Gallagher (OK07214)	OSU	-	47.3	62.4	62.6
27	Iba (OK07209)	OSU	-	41.4	52.0	61.6
28	Razor (AP08TA6927)	Syngenta	-	40.2	55.1	63.0
29	Weathermaster 135	Unknown	-	35.4	35.3	56.4
30	Deliver	OSU	-	34.1	52.0	61.6
31	Cedar	WestBred	-	-	72.2	62.2
32	TX06V7266*	TAMU	-	-	65.2	58.1
33	CJ	Syngenta	-	-	55.3	61.9
34	Ruby Lee	OSU	-	-	54.6	61.7
35	Everest	KSU	-	-	54.3	61.9
36	TX07A001505*	TAMU	-	-	51.8	59.8
37	APH09T9614*	Syngenta	-	-	51.7	62.2
38	TAM 203 (64 lb seed/a)	TAMU	-	-	50.4	60.7
39	APH09T2620*	Syngenta	-	-	45.6	63.7
40	TX03A0563-07*	TAMU	-	-	33.9	56.8

Mean **39.7** **40.0** **49.3** **60.0**

CV (%) **12.5** **13.5** **12.7**

LSD (5%) **5.9** **7.2** **10.2**

* Experimental wheat breeding line

† Yield average for 2012 and 2011

‡ yield average for 2012, 2011, and 2010

Uniform Wheat Variety Trial - Prosper, HRWW 2012

2-Year		Source	Grain Yield (bu/ac)		Test Weight (lb/bu)	
Rank	Variety		2-Year †	2012	2012	
1	Gallagher (OK07214)	OSU	74.9	78.7	55.5	
2	Shocker	WestBred	71.1	78.9	57.4	
3	Armour	WestBred	70.4	80.4	59.3	
4	Iba (OK07209)	OSU	70.2	69.9	60.2	
5	TAM 304	TAMU	68.1	75.9	58.7	
6	Greer	Syngenta	67.0	77.7	60.8	
7	Deliver	OSU	66.2	73.5	60.4	
8	Billings	OSU	65.5	78.1	57.1	
9	TAM 305 (TX06A001263)	TAMU	63.6	64.9	56.5	
10	TAM 203 (1 million seed/a)	TAMU	62.7	69.3	55.4	
11	Fuller	KSU	62.0	68.7	54.7	
12	TAM 401	TAMU	61.9	65.9	59.2	
13	Garrison	OSU	61.7	62.1	60.0	
14	Coronado	Syngenta	61.3	63.2	59.1	
15	TAM 111	TAMU	61.0	64.1	55.4	
16	Pete	OSU	60.8	67.1	56.7	
17	Duster	OSU	60.7	56.9	59.0	
18	Jackpot	Syngenta	60.3	57.1	57.0	
19	Endurance	OSU	59.6	66.4	58.7	
20	Sturdy 2K	TAMU	59.0	61.1	55.3	
21	Santa Fe	WestBred	58.5	60.8	55.1	
22	Fannin	Syngenta	57.9	57.2	56.0	
23	TAM 113	TAMU	56.3	54.9	56.4	
24	TAM 112	TAMU	56.0	59.7	58.3	
25	Doans	Syngenta	55.0	57.4	59.0	
26	TAM W-101	TAMU	51.3	45.9	57.6	
27	Jagalene	Syngenta	49.3	50.8	53.5	
28	Jagger	KSU	48.7	50.9	53.3	
29	Weathermaster 135	Unknown	46.0	35.3	57.2	
30	Cedar	WestBred	-	89.7	56.6	
31	Ruby Lee	OSU	-	78.0	57.9	
32	CJ	Syngenta	-	77.1	56.7	
33	Everest	KSU	-	76.3	59.8	
34	TAM 203 (64 lb seed/a)	TAMU	-	76.1	55.2	
35	TX06V7266*	TAMU	-	73.4	58.3	
36	Razor (AP08TA6927)	Syngenta	-	72.7	59.1	
37	APH09T2620*	Syngenta	-	66.7	59.1	
38	APH09T9614*	Syngenta	-	65.1	55.0	
39	TX07A001505*	TAMU	-	64.8	55.3	
40	TX03A0563-07*	TAMU	-	57.5	50.8	
			Mean	60.9	66.3	57.2
			CV (%)	12.1	11.8	
			LSD (5%)	10.0	12.7	

* Experimental wheat breeding line

† Yield average for 2012 and 2011

Uniform Wheat Variety Trial - Blacklands Yield Summary 2012 - Soft Wheat

			2012 Yield bu/ac						
2012 Rank	Variety	Source	AVG	Ellis Co.	Lamar	McGregor	Muenster	Prosper	
1	25R40	Pioneer	84.4	87.3	101.3	64.3	75.8	93.1	
2	SY Harrison (B05*0154)	Syngenta	82.9	94.9	101.1	55.3	70.5	92.9	
3	TV8861	Terral	82.9	101.4	104.2	58.7	57.4	92.6	
4	25R30	Pioneer	81.4	89.6	98.3	59.2	76.3	83.4	
5	TV8535	Terral	81.2	97.4	100.3	50.8	68.8	88.5	
6	TV8848	Terral	79.9	92.4	97.5	52.7	71.7	85.2	
7	Coker 9553	Syngenta	78.2	82.7	91.4	63.7	67.1	86.3	
8	3120	UniSouth Genetics	77.3	91.5	85.9	54.8	68.3	86.1	
9	LA05130D-P5*	LSU	77.1	80.8	86.7	62.3	70.2	85.5	
10	3555	UniSouth Genetics	76.7	84.9	86.3	62.0	63.7	86.5	
11	3409	UniSouth Genetics	76.4	87.4	84.6	57.5	65.8	86.5	
12	3251	UniSouth Genetics	76.1	88.1	86.1	50.5	69.3	86.7	
13	TV8626	Terral	75.8	79.9	93.2	49.3	77.2	79.5	
14	AGS 2035	AgSouth Genetics	75.6	82.7	94.8	53.3	63.5	83.6	
15	AP08TS7124*	Syngenta	75.2	83.2	85.7	54.7	72.5	79.8	
16	LA821	Terral	75.2	87.8	84.0	51.2	70.9	82.1	
17	TV8525	Terral	75.0	84.6	86.2	59.8	64.4	80.0	
18	Coker 9700	Syngenta	74.9	89.8	84.8	53.2	65.7	80.9	
19	Magnolia	Syngenta	74.9	84.4	92.1	46.2	70.0	81.9	
20	25R39	Pioneer	74.3	78.7	97.5	51.2	66.7	77.6	
21	AGS 2038 (GA001138-8E36*)	AgSouth Genetics	73.1	87.2	93.3	60.9	41.5	82.6	
22	3209	UniSouth Genetics	72.8	79.1	82.3	54.3	62.1	86.2	
23	Oakes	Syngenta	72.1	77.0	77.2	50.4	72.7	83.1	
24	LA841	Terral	72.0	82.7	85.9	46.6	66.6	78.3	
25	AGS 2060	AgSouth Genetics	71.9	78.0	80.2	53.8	67.2	80.2	
26	LA01110D-150*	LSU	71.3	87.3	81.7	48.9	54.2	84.6	
27	TAMsoft 700	TAMU	69.8	77.3	72.7	55.4	61.7	81.8	
28	Mason	Syngenta	68.3	74.8	80.8	54.1	60.5	71.2	
29	GA021245-9E16*	UGA	66.9	76.1	79.4	41.7	71.3	65.8	
30	TAM 203**	TAMU	66.3	73.7	70.4	52.6	66.9	67.9	
31	Crawford	Syngenta	66.2	73.1	79.9	47.7	55.3	74.8	
32	AP06TA4623*	Syngenta	65.9	78.6	74.0	45.1	51.4	80.3	
33	TAM 304**	TAMU	65.4	72.2	72.2	51.1	59.9	71.5	
34	TAM 401**	TAMU	64.4	75.7	78.2	40.2	57.4	70.7	
35	LA04110D-7*	LSU	64.0	75.6	84.3	40.7	44.5	75.0	
36	Greer**	Syngenta	63.5	57.8	73.7	45.3	63.8	76.9	
37	Arcadia	Syngenta	62.8	63.3	82.2	45.0	51.9	71.4	
38	TAM 305** (TX06A001263)	TAMU	62.7	69.5	70.6	49.7	59.8	63.9	
39	AGS 2026	AgSouth Genetics	59.4	65.7	78.0	33.8	45.3	74.0	
40	Coker 9663	Syngenta	55.4	65.8	63.7	33.5	43.6	70.5	
			Mean	72.2	81.0	85.1	51.5	63.3	80.2
* Experimental wheat breeding line			CV (%)	8.0	7.0	7.9	8.4	6.0	4.5
**Hard wheat varieties			LSD (5%)	7.3	9.2	11.0	7.0	6.2	5.8

Uniform Wheat Variety Trial - Ellis County, SRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)	
			3-Year ‡	2-Year †	2012	2012	
1	Coker 9700	Syngenta	85.8	72.3	89.8	60.6	
2	3409	UniSouth Genetics	83.0	69.7	87.4	58.5	
3	AGS 2035	AgSouth Genetics	80.1	52.0	82.7	59.1	
4	LA841	Terral	79.7	51.6	82.7	57.6	
5	Coker 9553	Syngenta	78.1	42.6	82.7	60.1	
6	Crawford	Syngenta	77.3	49.7	73.1	58.6	
7	3209	UniSouth Genetics	76.8	62.9	79.1	58.8	
8	3555	UniSouth Genetics	76.1	74.1	84.9	58.6	
9	TAMsoft 700	TAMU	73.6	63.4	77.3	57.8	
10	TAM 203**	TAMU	70.3	41.6	73.7	58.6	
11	Magnolia	Syngenta	68.8	63.7	84.4	57.4	
12	Coker 9663	Syngenta	62.4	55.7	65.8	58.5	
13	Mason	Syngenta	57.7	49.2	74.8	57.3	
14	TV8861	Terral	-	81.8	101.4	59.6	
15	25R40	Pioneer	-	71.5	87.3	60.5	
16	25R30	Pioneer	-	71.1	89.6	61.6	
17	Arcadia	Syngenta	-	66.1	63.3	58.2	
18	3251	UniSouth Genetics	-	62.8	88.1	59.6	
19	AGS 2026	AgSouth Genetics	-	61.3	65.7	57.7	
20	Oakes	Syngenta	-	58.1	77.0	60.0	
21	TV8535	Terral	-	-	97.4	57.7	
22	SY Harrison (B05*0154)	Syngenta	-	-	94.9	58.9	
23	TV8848	Terral	-	-	92.4	59.7	
24	3120	UniSouth Genetics	-	-	91.5	59.5	
25	LA821	Terral	-	-	87.8	58.2	
26	LA01110D-150*	LSU	-	-	87.3	58.3	
27	AGS 2038 (GA001138-8E36*)	AgSouth Genetics	-	-	87.2	60.3	
28	TV8525	Terral	-	-	84.6	58.9	
29	AP08TS7124*	Syngenta	-	-	83.2	58.7	
30	LA05130D-P5*	LSU	-	-	80.8	59.3	
31	TV8626	Terral	-	-	79.9	56.9	
32	25R39	Pioneer	-	-	78.7	56.2	
33	AP06TA4623*	Syngenta	-	-	78.6	60.1	
34	AGS 2060	AgSouth Genetics	-	-	78.0	59.5	
35	GA021245-9E16*	UGA	-	-	76.1	59.3	
36	TAM 401**	TAMU	-	-	75.7	54.0	
37	LA04110D-7*	LSU	-	-	75.6	60.6	
38	TAM 304**	TAMU	-	-	72.2	58.2	
39	TAM 305** (TX06A001263)	TAMU	-	-	69.5	59.9	
40	Greer**	Syngenta	-	-	57.8	52.5	
			Mean	74.6	61.1	81.0	58.6
			CV (%)	9.9	10.6	7.0	
			LSD (5%)	9.7	11.1	9.2	

*Experimental Lines

**Hard wheat varieties

† Yield average for 2012 and 2011

‡ Yield average for 2012, 2011, and 2010

Uniform Wheat Variety Trial - Howe, SRWW vs. HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year†	2012	2012
1	Coker 9553	Syngenta	79.7	86.7	94.0	62.3
2	3555	UniSouth Genetics	78.8	87.6	90.8	59.1
3	3295	UniSouth Genetics	76.9	83.1	83.2	60.7
4	LA841	Terral	74.6	80.9	79.1	58.3
5	Magnolia	Syngenta	71.4	76.5	73.4	58.4
6	TAM 304**	TAMU	71.1	73.7	66.0	56.0
7	TAM 401**	TAMU	64.5	64.1	62.6	55.7
8	TAM 203**	TAMU	61.0	61.5	55.5	57.8
9	Jackpot**	Syngenta	58.1	52.7	45.9	54.6
10	AGS 2035	AgSouth Genetics	-	85.6	87.8	60.7
11	Oakes	Syngenta	-	82.0	82.9	61.0
12	Billings**	OSU	-	71.6	72.6	61.4
13	Greer **	Syngenta	-	62.3	49.9	51.8
14	TV8861	Terral	-	-	98.2	60.3
15	25R40	Pioneer	-	-	93.8	61.5
16	25R30	Pioneer	-	-	91.4	62.4
17	3251	UniSouth Genetics	-	-	81.0	59.1

Mean 70.7 74.5 76.9 58.9

**Hard Winter Wheat Varieties

CV (%) 7.7 7.9 7.5

† yield average for 2012 and 2011

LSD (5%) 4.7 5.4 6.7

‡ yield average for 2012, 2011, and 2010

Uniform Wheat Variety Trial - Leonard, SRWW vs. HRWW 2012

2012		Source	Grain Yield (bu/ac)	Test Weight (lb/bu)
Rank	Variety		2012	2012
1	Oakes	Syngenta	101.0	60.3
2	25R30	Pioneer	95.1	60.8
3	AGS 2035	AgSouth Genetics	94.9	59.4
4	TV8861	Terral	94.4	58.6
5	Billings**	OSU	93.4	60.6
6	Magnolia	Syngenta	93.0	58.8
7	3251	UniSouth Genetics	91.3	58.7
8	25R40	Pioneer	89.5	59.6
9	3555	UniSouth Genetics	87.0	57.9
10	Greer **	Syngenta	86.2	57.2
11	Coker 9553	Syngenta	85.9	59.9
12	TAM 203**	TAMU	83.1	59.0
13	Jackpot**	Syngenta	81.8	58.4
14	TAM 401**	TAMU	79.8	57.6
15	LA841	Terral	79.2	57.0
16	TAM 304**	TAMU	76.5	55.5
17	3295	UniSouth Genetics	74.3	58.2

	Mean	87.4	58.7
**Hard wheat varieties	CV (%)	6.5	
	LSD (5%)	6.5	

Uniform Wheat Variety Trial - Leonard, SRWW 2012

2012			Grain Yield (bu/ac)	Test Weight (lb/bu)
Rank	Variety	Source	2012	2012
1	3120	UniSouth Genetics	101.4	60.3
2	AGS 2035	AgSouth Genetics	100.2	59.9
3	Oakes	Syngenta	100.1	60.3
4	25R47	Pioneer	98.6	58.1
5	3409	UniSouth Genetics	95.3	59.4
6	TV8558	Terral	95.3	59.3
7	SY Harrison	Syngenta	94.5	57.8
8	25R40	Pioneer	94.3	59.9
9	MH07-7474*	Syngenta	94.1	59.5
10	3201	UniSouth Genetics	93.4	60.3
11	3251	UniSouth Genetics	92.9	59.2
12	25R30	Pioneer	92.8	60.9
13	TV8525	Terral	91.4	59.2
14	TV8848	Terral	91.3	58.7
15	TV8861	Terral	90.5	58.7
16	25R39	Pioneer	88.2	58.7
17	3555	UniSouth Genetics	87.7	58.1
18	TV8535	Terral	87.5	57.8
19	Magnolia	Syngenta	87.0	58.9
20	Coker 9553	Syngenta	86.6	60.4
21	TAMsoft 700	TAMU	85.0	57.5
22	3438	UniSouth Genetics	84.0	57.8
23	LA841	Terral	83.6	57.2
24	3295	UniSouth Genetics	82.0	58.7
25	TV8626	Terral	76.3	55.4
			Mean	91.0
			CV (%)	5.9
			LSD (5%)	6.1
*Experimental Lines				

Uniform Wheat Variety Trial - Lamar County, SRWW 2012

2-Year Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)	
			2-Year †	2012	2012	
1	TV8861	Terral	82.0	104.2	58.4	
2	25R30	Pioneer	80.8	98.3	60.0	
3	25R40	Pioneer	80.3	101.3	58.9	
4	AGS 2038 (GA001138-8E36*)	AgSouth Genetics	77.2	93.3	60.0	
5	AGS 2035	AgSouth Genetics	76.0	94.8	59.9	
6	3251	UniSouth Genetics	74.9	86.1	57.7	
7	Coker 9700	Syngenta	72.0	84.8	59.5	
8	Magnolia	Syngenta	71.5	92.1	58.9	
9	LA841	Terral	71.4	85.9	57.2	
10	LA821	Terral	70.0	84.0	57.6	
11	Coker 9553	Syngenta	69.8	91.4	60.0	
12	Crawford	Syngenta	67.8	79.9	59.0	
13	AGS 2026	AgSouth Genetics	65.7	78.0	57.8	
14	Arcadia	Syngenta	64.4	82.2	58.4	
15	LA01110D-150*	LSU	64.2	81.7	57.4	
16	TAM 203**	TAMU	63.1	70.4	58.0	
17	TAMsoft 700	TAMU	62.6	72.7	55.1	
18	Oakes	Syngenta	61.3	77.2	59.4	
19	Coker 9663	Syngenta	60.8	63.7	58.7	
20	Mason	Syngenta	59.0	80.8	57.7	
21	SY Harrison (B05*0154)	Syngenta	-	101.1	57.0	
22	TV8535	Terral	-	100.3	56.6	
23	TV8848	Terral	-	97.5	57.8	
24	25R39	Pioneer	-	97.5	57.5	
25	TV8626	Terral	-	93.2	54.8	
26	LA05130D-P5*	LSU	-	86.7	59.6	
27	3555	UniSouth Genetics	-	86.3	58.7	
28	TV8525	Terral	-	86.2	58.8	
29	3120	UniSouth Genetics	-	85.9	60.3	
30	AP08TS7124*	Syngenta	-	85.7	57.5	
31	3409	UniSouth Genetics	-	84.6	58.1	
32	LA04110D-7*	LSU	-	84.3	60.6	
33	3209	UniSouth Genetics	-	82.3	57.5	
34	AGS 2060	AgSouth Genetics	-	80.2	59.6	
35	GA021245-9E16*	UGA	-	79.4	59.6	
36	TAM 401**	TAMU	-	78.2	56.9	
37	AP06TA4623*	Syngenta	-	74.0	58.8	
38	Greer**	Syngenta	-	73.7	55.2	
39	TAM 304**	TAMU	-	72.2	54.8	
40	TAM 305** (TX06A001263)	TAMU	-	70.6	59.9	
			Mean	69.7	85.1	58.2
			CV (%)	7.9	7.9	
			LSD (5%)	8.8	11.0	

*Experimental Lines

**Hard wheat varieties

† Yield average for 2012 and 2011

Uniform Wheat Variety Trial - McGregor, SRWW 2012

3-Year		Source	Grain Yield (bu/ac)			Test Weight (lb/bu)	
Rank	Variety		3-Year ‡	2-Year †	2012	2012	
1	Coker 9553	Syngenta	83.8	78.3	63.7	59.7	
2	LA841	Terral	73.7	58.3	46.6	56.4	
3	Coker 9700	Syngenta	73.6	63.0	53.2	58.4	
4	3209	UniSouth Genetics	73.5	66.2	54.3	58.0	
5	TAMsoft 700	TAMU	71.7	64.8	55.4	57.4	
6	AGS 2060	AgSouth Genetics	70.9	57.5	53.8	61.1	
7	TAM 203**	TAMU	70.5	60.0	52.6	58.0	
8	TAM 304**	TAMU	64.1	56.0	51.1	55.0	
9	Magnolia	Syngenta	63.3	52.8	46.2	56.6	
10	Crawford	Syngenta	61.0	50.3	47.7	57.9	
11	Coker 9663	Syngenta	48.9	41.7	33.5	58.5	
12	3555	UniSouth Genetics	-	74.1	62.0	58.1	
13	3409	UniSouth Genetics	-	72.9	57.5	58.4	
14	AGS 2035	AgSouth Genetics	-	66.9	53.3	58.8	
15	LA01110D-150*	LSU	-	62.4	48.9	57.2	
16	Mason	Syngenta	-	52.1	54.1	56.9	
17	25R40	Pioneer	-	-	64.3	59.0	
18	LA05130D-P5*	LSU	-	-	62.3	59.4	
19	AGS 2038 (GA001138-8E36*)	AgSouth Genetics	-	-	60.9	59.9	
20	TV8525	Terral	-	-	59.8	59.0	
21	25R30	Pioneer	-	-	59.2	59.3	
22	TV8861	Terral	-	-	58.7	57.7	
23	SY Harrison (B05*0154)	Syngenta	-	-	55.3	54.6	
24	3120	UniSouth Genetics	-	-	54.8	58.8	
25	AP08TS7124*	Syngenta	-	-	54.7	56.8	
26	TV8848	Terral	-	-	52.7	54.4	
27	25R39	Pioneer	-	-	51.2	58.7	
28	LA821	Terral	-	-	51.2	57.8	
29	TV8535	Terral	-	-	50.8	54.3	
30	3251	UniSouth Genetics	-	-	50.5	56.6	
31	Oakes	Syngenta	-	-	50.4	58.9	
32	TAM 305** (TX06A001263)	TAMU	-	-	49.7	59.6	
33	TV8626	Terral	-	-	49.3	51.6	
34	Greer**	Syngenta	-	-	45.3	54.1	
35	AP06TA4623*	Syngenta	-	-	45.1	58.6	
36	Arcadia	Syngenta	-	-	45.0	58.4	
37	GA021245-9E16*	UGA	-	-	41.7	59.3	
38	LA04110D-7*	LSU	-	-	40.7	58.6	
39	TAM 401**	TAMU	-	-	40.2	54.3	
40	AGS 2026	AgSouth Genetics	-	-	33.8	57.5	
			Mean	87.6	70.1	51.5	57.6
			CV (%)	8.5	8.7	8.4	
			LSD (5%)	7.3	7.1	7.0	

*Experimental Lines

**Hard wheat varieties

† Yield average for 2012 and 2011

‡ Yield average for 2012, 2011, and 2010

Uniform Wheat Variety Trial - Muenster, SRWW 2012 (Syngenta)

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	AGS 2035	AgSouth Genetics	55.1	54.4	63.5	60.6
2	LA821	Terral	54.5	55.0	70.9	58.1
3	Magnolia	Syngenta	53.0	54.5	70.0	59.0
4	3555	UniSouth Genetics	52.2	46.4	63.7	59.5
5	3409	UniSouth Genetics	51.3	52.4	65.8	60.6
6	Coker 9553	Syngenta	50.6	47.9	67.1	61.4
7	TAMsoft 700	TAMU	50.3	52.3	61.7	57.2
8	3209	UniSouth Genetics	50.2	47.9	62.1	60.4
9	Coker 9700	Syngenta	49.3	45.4	65.7	59.8
10	Arcadia	Syngenta	48.4	43.1	51.9	59.3
11	LA01110D-150*	LSU	47.7	42.0	54.2	59.8
12	Mason	Syngenta	45.2	46.2	60.5	59.4
13	Crawford	Syngenta	42.0	39.7	55.3	61.1
14	TAM 203**	TAMU	41.0	38.7	66.9	59.1
15	Coker 9663	Syngenta	36.6	36.4	43.6	59.3
16	TV8525	Terral	-	61.3	64.4	59.5
17	25R30	Pioneer	-	60.3	76.3	59.8
18	25R40	Pioneer	-	59.2	75.8	58.4
19	Oakes	Syngenta	-	57.7	72.7	59.3
20	3251	UniSouth Genetics	-	56.7	69.3	59.1
21	TV8848	Terral	-	53.5	71.7	58.1
22	AGS 2038 (GA001138-8E36*)	AgSouth Genetics	-	53.2	41.5	60.0
23	TV8626	Terral	-	51.6	77.2	56.2
24	TV8535	Terral	-	49.0	68.8	58.4
25	AGS 2026	AgSouth Genetics	-	39.3	45.3	60.6
26	AP08TS7124*	Syngenta	-	-	72.5	58.7
27	GA021245-9E16*	UGA	-	-	71.3	61.2
28	SY Harrison (B05*0154)	Syngenta	-	-	70.5	56.9
29	LA05130D-P5*	LSU	-	-	70.2	61.5
30	3120	UniSouth Genetics	-	-	68.3	61.1
31	AGS 2060	AgSouth Genetics	-	-	67.2	61.8
32	25R39	Pioneer	-	-	66.7	59.2
33	LA841	Terral	-	-	66.6	59.1
34	Greer**	Syngenta	-	-	63.8	57.2
35	TAM 304**	TAMU	-	-	59.9	59.3
36	TAM 305** (TX06A001263)	TAMU	-	-	59.8	61.0
37	TAM 401**	TAMU	-	-	57.4	59.1
38	TV8861	Terral	-	-	57.4	57.8
39	AP06TA4623*	Syngenta	-	-	51.4	59.7
40	LA04110D-7*	LSU	-	-	44.5	60.6

Mean	48.5	49.8	63.3	59.5
CV (%)	7.43	7.77	6.0	
LSD (5%)	4.85	5.53	6.2	

*Experimental Lines

**Hard wheat varieties

† Yield average for 2012 and 2011

‡ yield average for 2012, 2011, and 2010

Uniform Wheat Variety Trial - Prosper, SRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	AGS 2035	AgSouth Genetics	72.6	62.0	83.6	59.0
2	LA01110D-150*	LSU	70.9	70.1	84.6	57.2
3	Crawford	Syngenta	68.2	59.1	74.8	57.8
4	Coker 9700	Syngenta	66.4	58.6	80.9	58.4
5	3555	UniSouth Genetics	66.0	66.7	86.5	57.7
6	Coker 9553	Syngenta	65.2	53.4	86.3	59.5
7	LA841	Terral	64.9	60.1	78.3	56.1
8	3209	UniSouth Genetics	63.8	68.5	86.2	58.0
9	TAMsoft 700	TAMU	62.3	60.2	81.8	56.9
10	3409	UniSouth Genetics	61.5	65.4	86.5	57.5
11	TAM 203**	TAMU	61.3	55.2	67.9	57.8
12	Magnolia	Syngenta	58.9	56.3	81.9	56.8
13	Mason	Syngenta	53.0	44.6	71.2	57.2
14	Coker 9663	Syngenta	45.1	51.9	70.5	57.5
15	TV8861	Terral	-	77.2	92.6	57.1
16	25R40	Pioneer	-	70.8	93.1	57.5
17	3251	UniSouth Genetics	-	70.6	86.7	55.9
18	25R30	Pioneer	-	64.7	83.4	57.6
19	AGS 2026	AgSouth Genetics	-	63.8	74.0	56.7
20	Oakes	Syngenta	-	58.1	83.1	59.2
21	Arcadia	Syngenta	-	49.3	71.4	57.7
22	SY Harrison (B05*0154)	Syngenta	-	-	92.9	55.3
23	TV8535	Terral	-	-	88.5	54.4
24	3120	UniSouth Genetics	-	-	86.1	59.4
25	LA05130D-P5*	LSU	-	-	85.5	58.9
26	TV8848	Terral	-	-	85.2	55.8
27	AGS 2038 (GA001138-8E36*)	AgSouth Genetics	-	-	82.6	58.2
28	LA821	Terral	-	-	82.1	57.3
29	AP06TA4623*	Syngenta	-	-	80.3	58.5
30	AGS 2060	AgSouth Genetics	-	-	80.2	60.0
31	TV8525	Terral	-	-	80.0	56.7
32	AP08TS7124*	Syngenta	-	-	79.8	57.6
33	TV8626	Terral	-	-	79.5	51.8
34	25R39	Pioneer	-	-	77.6	55.0
35	Greer**	Syngenta	-	-	76.9	54.5
36	LA04110D-7*	LSU	-	-	75.0	59.4
37	TAM 304**	TAMU	-	-	71.5	54.8
38	TAM 401**	TAMU	-	-	70.7	55.0
39	GA021245-9E16*	UGA	-	-	65.8	59.0
40	TAM 305** (TX06A001263)	TAMU	-	-	63.9	59.3

	Mean	62.9	60.8	80.2	57.2
	CV (%)	6.4	6.4	4.5	
	LSD (5%)	6.0	6.6	5.8	

*Experimental Lines

**Hard wheat varieties

† Yield average for 2012 and 2011

‡ Yield average for 2012, 2011, and 2010

High Plains Locations Agronomic Data

Location ¹	Cooperator(s)	Yield Limiting Issues	Planting Date	Water*	Seeding Rate lb/a
Bushland Dryland	Texas AgriLife Research and Extension Center	Drought, late season heat, aphids	11/4/2011	D	45
Bushland Irrigated	Texas AgriLife Research and Extension Center	Late season heat, light stripe rust	10/24/2011	IF	60
Clovis	NMSU Agricultural Science Center	None	10/12/2011	IL	72
Dalhart	Robert Gordon	Light Rust Pressure	10/15/2011	IF	60
Etter Irrigated		Late season heat, light stripe rust	10/11/2011	IF	60
Groom	John Weinheimer	Rust, drought	11/1/2011	D	45
Hereford	Chris Carter	Abandoned due to hail	10/25/2011	D	45
Perryton (Syngenta)	Dan Krienke	Windy conditions reduced soil moisture	10/18/2011	D	60
Perryton (Syngenta)	Dan Krienke	Poor stand establishment due to first year no-till planting conditions	10/17/2011	IF	60
Plainview	L.A. Royal	Rust, drought, late season heat	11/1/2011	IL	60
Silverton		Abandoned due to extreme drought	10/4/2011	D	45

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

¹All locations conventionally tilled except for Perryton (Irrigated Only).

Uniform Wheat Variety Trial - High Plains Yield Summary 2012

			2012 Yield bu/ac										
2012 Rank**	Variety	Source	Irr. AVG	Bushland Irr.	Clovis Irr.	Dalhart Irr.	Etter Irr.	Perryton Irr.	Plainview Irr.	Dry AVG	Busland D.	Groom D.	Perryton D.
1	Winterhawk	WestBred	75.0	83.2	114.3	76.9	43.0	71.6	60.8	40.1	20.4	59.8	40.0
2	Iba (OK07209)	OSU	73.4	89.0	96.4	78.5	49.8	67.2	59.4	38.1	18.7	57.1	38.4
3	TX06V7266*	TAMU	71.8	84.3	101.0	79.9	36.8	66.4	62.6	39.2	18.0	60.3	39.1
4	TX03A0563-07*	TAMU	70.5	82.5	108.3	72.3	45.7	54.7	59.6	33.4	18.5	54.6	27.0
5	Gallagher (OK07214)	OSU	69.8	79.7	92.2	75.2	45.9	74.5	51.0	37.5	18.4	56.2	37.9
6	TAM 304	TAMU	68.2	69.5	106.1	79.9	38.8	62.8	52.3	38.2	17.9	60.5	36.3
7	Duster	OSU	67.3	81.3	94.0	73.5	45.3	61.2	48.5	36.1	17.8	54.1	36.4
8	Cedar	WestBred	66.5	43.9	113.8	80.2	42.0	65.1	54.1	40.4	19.2	62.3	39.6
9	TAM 113	TAMU	66.3	90.6	79.6	76.0	42.3	62.4	46.7	35.8	17.4	54.9	35.1
10	TX07A001505*	TAMU	65.5	81.7	95.9	73.7	47.0	60.1	34.6	35.6	14.8	58.0	34.2
11	T 158	Limagrain	65.3	67.7	103.4	76.1	40.1	57.7	47.0	35.8	17.2	57.4	32.9
12	TAM 112	TAMU	64.9	68.4	87.0	76.8	40.7	56.7	59.7	35.8	19.5	53.5	34.4
13	Everest	KSU	64.9	55.5	98.0	80.2	38.5	53.4	63.6	34.2	18.3	54.0	30.3
14	Fuller	KSU	64.7	69.8	91.3	70.8	36.9	64.2	55.2	35.2	16.3	55.0	34.2
15	Hatcher	CSU	64.5	82.0	82.4	77.1	33.8	56.9	55.1	32.8	13.8	54.1	30.5
16	TAM 111	TAMU	64.2	78.7	96.7	73.3	41.2	56.9	38.2	36.1	19.0	55.0	34.5
17	Hitch	WestBred	63.8	72.3	86.7	79.4	36.8	55.9	51.9	35.1	15.3	54.4	35.6
18	Jackpot	Syngenta	63.5	62.1	90.9	76.0	33.6	55.3	63.0	39.1	17.7	57.8	41.7
19	TAM 305 (TX06A001263)	TAMU	63.3	69.7	85.4	76.7	35.4	61.8	50.7	33.2	17.0	48.0	34.6
20	Bill Brown	CSU	63.0	77.9	89.8	75.5	38.9	52.0	44.0	31.5	14.3	52.4	27.8
21	Billings	OSU	61.9	75.9	90.7	66.2	43.3	50.5	44.6	36.1	19.2	58.3	30.6
22	Endurance	OSU	61.4	67.0	85.3	73.1	42.5	51.4	49.1	37.7	18.9	56.1	38.1
23	Greer	Syngenta	61.2	64.4	86.6	70.1	38.4	54.8	53.2	36.2	14.9	57.9	35.9
24	Armour	WestBred	61.1	70.1	86.8	72.8	39.9	47.2	49.8	34.8	16.0	54.3	34.0
25	TAM 203	TAMU	61.0	70.0	82.0	70.4	37.5	62.4	43.7	31.9	15.8	47.8	32.0
26	Ripper	CSU	60.1	70.1	90.5	70.1	42.9	41.5	45.6	29.5	14.8	50.8	22.9
27	Santa Fe	WestBred	59.8	49.8	92.3	72.3	33.3	60.8	50.2	36.4	17.4	56.7	35.1
28	Garrison	OSU	59.4	75.8	92.0	70.4	38.2	42.6	37.2	33.1	18.5	54.4	26.5
29	Ruby Lee	OSU	58.3	54.8	79.0	75.0	49.7	51.1	40.1	39.1	20.7	58.1	38.5
30	TAM 401	TAMU	58.1	65.7	90.0	68.8	33.1	57.4	33.4	31.3	16.5	45.4	31.9
31	TAM W-101	TAMU	57.8	70.0	90.4	68.3	33.2	50.3	34.8	28.0	14.4	46.1	23.6
32	Jagger	KSU	57.3	47.5	101.4	68.9	35.9	53.8	36.6	34.8	16.5	54.1	33.7
33	Pete	OSU	56.5	46.2	98.9	73.0	35.0	44.5	41.5	31.7	16.4	53.1	25.7
34	APH09T9614*	Syngenta	55.9	58.5	80.6	75.3	32.4	47.7	40.7	35.3	15.1	49.7	41.2
35	Razor (AP08TA6927)	Syngenta	55.8	69.1	68.9	78.9	34.0	48.6	35.3	32.9	16.3	48.4	34.0
36	Doans	Syngenta	55.3	67.4	82.9	64.9	34.4	59.5	22.8	34.0	16.5	51.8	33.6
37	CJ	Syngenta	53.7	44.1	84.1	70.0	32.3	48.3	43.2	35.3	16.8	48.5	40.6
38	Mace	UNL	53.1	64.7	82.7	67.9	27.5	47.4	28.2	27.2	12.3	45.3	24.2
39	Fannin	Syngenta	47.7	47.5	77.5	67.1	27.2	47.5	19.7	32.1	14.9	48.3	33.3
40	APH09T2620*	Syngenta	46.6	48.9	64.6	77.0	22.3	26.7	39.9	31.9	16.8	43.7	35.2
Mean			62.0	67.9	90.5	73.7	38.1	55.3	46.2	34.8	16.9	53.7	33.8
* Experimental wheat breeding line			CV (%)	12.3	7.9	8.2	7.3	11.5	8.5	11.1	9.6	6.7	9.0
			LSD (5%)	8.7	8.8	8.9	7.9	6.2	7.6	8.3	5.2	2.7	5.8

**Rank is based on Irr. AVG

Uniform Wheat Variety Trial - Bushland - Dryland, HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	TAM 112	TAMU	25.3	18.0	19.5	58.4
2	Winterhawk	WestBred	24.9	17.8	20.4	59.8
3	Duster	OSU	24.6	15.8	17.8	58.4
4	Billings	OSU	24.2	16.4	19.2	56.7
5	Endurance	OSU	24.1	16.4	18.9	57.0
6	Jackpot	Syngenta	24.0	14.9	17.7	56.4
7	TAM 304	TAMU	23.9	15.6	17.9	52.5
8	Garrison	OSU	23.8	15.4	18.5	57.5
9	Santa Fe	WestBred	23.5	16.9	17.4	56.4
10	TAM 111	TAMU	23.4	16.9	19.0	58.4
11	Armour	WestBred	22.8	16.0	16.0	56.1
12	TAM 113	TAMU	22.4	15.4	17.4	59.2
13	TAM 305 (TX06A001263)	TAMU	22.2	14.4	17.0	56.7
14	TAM 203	TAMU	21.4	14.7	15.8	55.3
15	Pete	OSU	21.1	13.7	16.4	58.4
16	TAM W-101	TAMU	21.0	14.7	14.4	57.5
17	Hatcher	CSU	20.8	13.9	13.8	57.8
18	Bill Brown	CSU	20.7	13.7	14.3	57.5
19	Fuller	KSU	20.7	14.5	16.3	56.4
20	Jagger	KSU	19.9	12.9	16.5	55.8
21	Doans	Syngenta	19.8	14.0	16.5	58.1
22	Greer	Syngenta	19.6	12.8	14.9	53.6
23	TAM 401	TAMU	19.2	13.3	16.5	55.0
24	Fannin	Syngenta	19.2	13.2	14.9	58.1
25	Mace	UNL	15.7	10.3	12.3	56.4
26	Iba (OK07209)	OSU	-	17.3	18.7	59.5
27	Gallagher (OK07214)	OSU	-	15.6	18.4	58.4
28	Razor (AP08TA6927)	Syngenta	-	14.3	16.3	58.9
29	Ruby Lee	OSU	-	-	20.7	58.1
30	Cedar	WestBred	-	-	19.2	55.0
31	TX03A0563-07*	TAMU	-	-	18.5	57.3
32	Everest	KSU	-	-	18.3	56.7
33	TX06V7266*	TAMU	-	-	18.0	56.7
34	T 158	Limagrain	-	-	17.2	56.7
35	APH09T2620*	Syngenta	-	-	16.8	57.0
36	CJ	Syngenta	-	-	16.8	57.0
37	Hitch	WestBred	-	-	15.3	55.8
38	APH09T9614*	Syngenta	-	-	15.1	57.8
39	Ripper	CSU	-	-	14.8	56.7
40	TX07A001505*	TAMU	-	-	14.8	58.7

	Mean	21.2	15.3	16.9	57.1
* Experimental wheat breeding line	CV (%)	8.8	11.3	9.6	
† Yield average for 2012 and 2011	LSD (5%)	2.2	2.3	2.7	
‡ Yield average for 2012, 2011, and 2010					

Uniform Wheat Variety Trial - Bushland - Irrigated, HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	TAM 113	TAMU	83.9	82.9	90.6	60.6
2	Bill Brown	CSU	78.5	74.1	77.9	61.2
3	Duster	OSU	78.4	75.5	81.3	60.4
4	Winterhawk	WestBred	78.3	76.5	83.2	60.6
5	TAM 111	TAMU	77.9	72.8	78.7	61.2
6	Hatcher	CSU	77.6	74.8	82.0	60.9
7	Armour	WestBred	75.9	68.6	70.1	58.9
8	Garrison	OSU	75.4	70.7	75.8	59.5
9	TAM 112	TAMU	74.8	69.8	68.4	60.1
10	Billings	OSU	74.8	66.9	75.9	60.4
11	TAM 203	TAMU	74.1	67.8	70.0	57.3
12	TAM 304	TAMU	73.1	63.7	69.5	57.8
13	TAM 305 (TX06A001263)	TAMU	71.0	63.8	69.7	59.8
14	Fuller	KSU	70.1	63.7	69.8	59.2
15	Greer	Syngenta	69.6	60.3	64.4	57.5
16	Mace	UNL	69.0	63.3	64.7	58.9
17	Endurance	OSU	68.6	62.7	67.0	60.1
18	Jackpot	Syngenta	67.0	60.3	62.1	58.1
19	TAM W-101	TAMU	66.1	61.0	70.0	59.5
20	Santa Fe	WestBred	64.9	57.4	49.8	57.8
21	Doans	Syngenta	63.8	56.9	67.4	61.2
22	TAM 401	TAMU	62.8	58.0	65.7	58.1
23	Pete	OSU	60.7	54.9	46.2	59.8
24	Jagger	KSU	57.1	48.3	47.5	58.1
25	Fannin	Syngenta	55.4	48.7	47.5	60.1
26	Iba (OK07209)	OSU	-	81.0	89.0	62.0
27	Gallagher (OK07214)	OSU	-	77.1	79.7	60.4
28	Razor (AP08TA6927)	Syngenta	-	64.7	69.1	60.6
29	TX06V7266*	TAMU	-	-	84.3	58.7
30	TX03A0563-07*	TAMU	-	-	82.5	61.8
31	TX07A001505*	TAMU	-	-	81.7	60.9
32	Hitch	WestBred	-	-	72.3	58.4
33	Ripper	CSU	-	-	70.1	57.8
34	T 158	Limagrain	-	-	67.7	59.8
35	APH09T9614*	Syngenta	-	-	58.5	60.1
36	Everest	KSU	-	-	55.5	58.4
37	Ruby Lee	OSU	-	-	54.8	59.8
38	APH09T2620*	Syngenta	-	-	48.9	59.2
39	CJ	Syngenta	-	-	44.1	59.2
40	Cedar	WestBred	-	-	43.9	56.7

	Mean	70.0	65.5	67.9	59.5
	CV (%)	8.8	10.4	7.9	
† Yield average for 2012 and 2011	LSD (5%)	7.2	8.8	8.8	
‡ Yield average for 2012, 2011, and 2010					

Uniform Wheat Variety Trial - Clovis - Irrigated, HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	TAM 111	TAMU	99.9	90.8	96.7	62.4
2	Winterhawk	WestBred	97.8	93.1	114.3	64.3
3	Duster	OSU	91.0	82.8	94.0	60.6
4	TAM 304	TAMU	89.7	84.4	106.1	61.1
5	Bill Brown	CSU	88.7	78.8	89.8	60.8
6	Billings	OSU	88.0	74.5	90.7	59.8
7	Garrison	OSU	86.4	80.4	92.0	58.7
8	TAM 112	TAMU	86.0	76.4	87.0	61.1
9	Hatcher	CSU	85.0	74.9	82.4	60.6
10	Greer	Syngenta	84.1	77.4	86.6	60.4
11	Armour	WestBred	83.4	75.6	86.8	58.8
12	Jagger	KSU	82.0	78.6	101.4	60.8
13	Santa Fe	WestBred	81.5	75.3	92.3	61.0
14	Pete	OSU	81.4	75.7	98.9	55.0
15	TAM 113	TAMU	81.3	73.8	79.6	59.2
16	Fuller	KSU	81.2	72.0	91.3	62.1
17	TAM 203	TAMU	81.2	68.7	82.0	59.6
18	Mace	UNL	79.6	70.7	82.7	62.5
19	TAM 305 (TX06A001263)	TAMU	78.0	69.9	85.4	63.2
20	TAM W-101	TAMU	77.7	70.8	90.4	60.7
21	Endurance	OSU	76.2	67.3	85.3	61.1
22	Jackpot	Syngenta	75.4	69.5	90.9	61.5
23	Doans	Syngenta	74.1	63.9	82.9	61.5
24	TAM 401	TAMU	70.9	64.8	90.0	64.2
25	Fannin	Syngenta	65.8	61.6	77.5	60.2
26	Iba (OK07209)	OSU	-	84.8	96.4	62.7
27	Gallagher (OK07214)	OSU	-	78.5	92.2	60.1
28	Razor (AP08TA6927)	Syngenta	-	58.1	68.9	60.6
29	Cedar	WestBred	-	-	113.8	62.1
30	TX03A0563-07*	TAMU	-	-	108.3	59.7
31	T 158	Limagrain	-	-	103.4	61.5
32	TX06V7266*	TAMU	-	-	101.0	60.7
33	Everest	KSU	-	-	98.0	59.0
34	TX07A001505*	TAMU	-	-	95.9	63.6
35	Ripper	CSU	-	-	90.5	59.6
36	Hitch	WestBred	-	-	86.7	62.6
37	CJ	Syngenta	-	-	84.1	61.0
38	APH09T9614*	Syngenta	-	-	80.6	60.8
39	Ruby Lee	OSU	-	-	79.0	60.0
40	APH09T2620*	Syngenta	-	-	64.6	61.9

Mean 83.3 77.8 90.5 60.9

* Experimental wheat breeding line

CV (%)

7.8 9.2 8.2

† Yield average for 2012 and 2011

LSD (5%)

7.6 9.3 8.9

‡ Yield average for 2012, 2011, and 2010

Uniform Wheat Variety Trial - Dalhart - Irrigated, HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	Hatcher	CSU	67.7	61.8	77.1	58.0
2	Bill Brown	CSU	63.5	58.8	75.5	56.7
3	TAM 203	TAMU	62.2	62.8	70.4	54.2
4	TAM 112	TAMU	60.2	66.7	76.8	58.3
5	TAM 111	TAMU	58.6	61.6	73.3	58.3
6	Jagger	KSU	57.9	61.5	68.9	55.7
7	TAM 304	TAMU	57.5	64.6	79.9	54.9
8	Endurance	OSU	56.3	61.2	73.1	57.2
9	TAM 113	TAMU	54.7	64.0	76.0	58.1
10	Duster	OSU	52.3	58.8	73.5	57.0
11	Armour	WestBred	51.4	61.0	72.8	57.3
12	Santa Fe	WestBred	50.7	55.6	72.3	57.3
13	TAM 401	TAMU	50.2	55.4	68.8	56.2
14	Jackpot	Syngenta	49.5	55.7	76.0	56.4
15	Doans	Syngenta	49.2	59.8	64.9	57.8
16	Fuller	KSU	47.6	56.6	70.8	55.1
17	Fannin	Syngenta	45.9	51.7	67.1	57.4
18	TAM W-101	TAMU	43.6	51.6	68.3	57.6
19	TAM 305 (TX06A001263)	TAMU	-	63.7	76.7	58.5
20	Iba (OK07209)	OSU	-	62.6	78.5	57.5
21	Razor (AP08TA6927)	Syngenta	-	62.5	78.9	55.7
22	Winterhawk	WestBred	-	59.8	76.9	56.0
23	Gallagher (OK07214)	OSU	-	59.6	75.2	57.0
24	Pete	OSU	-	58.8	73.0	58.9
25	Garrison	OSU	-	56.7	70.4	56.4
26	Billings	OSU	-	56.6	66.2	55.5
27	Greer	Syngenta	-	56.4	70.1	53.8
28	Mace	UNL	-	52.3	67.9	54.3
29	Everest	KSU	-	-	80.2	55.7
30	Cedar	WestBred	-	-	80.2	56.8
31	TX06V7266*	TAMU	-	-	79.9	55.2
32	Hitch	WestBred	-	-	79.4	54.8
33	APH09T2620*	Syngenta	-	-	77.0	57.9
34	T 158	Limagrain	-	-	76.1	58.1
35	APH09T9614*	Syngenta	-	-	75.3	57.5
36	Ruby Lee	OSU	-	-	75.0	58.4
37	TX07A001505*	TAMU	-	-	73.7	58.9
38	TX03A0563-07*	TAMU	-	-	72.3	57.8
39	Ripper	CSU	-	-	70.1	55.0
40	CJ	Syngenta	-	-	70.0	58.4

	Mean	58.4	62.1	73.7	56.8
	CV (%)	11.2	9.5	7.3	
† Yield average for 2012 and 2011	LSD (5%)	8.0	7.6	7.9	
‡ Yield average for 2012, 2011, and 2009					

Uniform Wheat Variety Trial - Etter - Irrigated, HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	TAM 112	TAMU	54.5	49.6	40.7	59.5
2	Duster	OSU	54.4	49.7	45.3	58.9
3	Winterhawk	WestBred	54.1	50.2	43.0	59.8
4	TAM 113	TAMU	53.7	50.9	42.3	59.2
5	Billings	OSU	53.6	48.9	43.3	59.2
6	Hatcher	CSU	53.5	46.0	33.8	57.8
7	Bill Brown	CSU	52.7	47.0	38.9	58.9
8	TAM 111	TAMU	52.6	48.9	41.2	59.2
9	Armour	WestBred	51.8	47.0	39.9	56.7
10	Garrison	OSU	50.9	44.9	38.2	57.5
11	Endurance	OSU	50.5	45.5	42.5	58.1
12	TAM 304	TAMU	50.1	44.5	38.8	56.4
13	TAM 305 (TX06A001263)	TAMU	49.0	42.9	35.4	57.8
14	Greer	Syngenta	48.2	41.7	38.4	55.0
15	TAM 203	TAMU	47.8	43.7	37.5	54.4
16	Fuller	KSU	47.6	40.4	36.9	58.4
17	TAM W-101	TAMU	47.4	41.9	33.2	56.7
18	Mace	UNL	47.1	39.6	27.5	57.0
19	TAM 401	TAMU	47.0	40.2	33.1	56.4
20	Jackpot	Syngenta	46.6	39.9	33.6	57.0
21	Jagger	KSU	45.7	38.4	35.9	57.5
22	Santa Fe	WestBred	44.8	40.9	33.3	56.1
23	Doans	Syngenta	44.6	40.3	34.4	58.1
24	Pete	OSU	41.4	36.3	35.0	58.7
25	Fannin	Syngenta	41.3	32.6	27.2	57.8
26	Iba (OK07209)	OSU	-	54.5	49.8	59.2
27	Gallagher (OK07214)	OSU	-	49.9	45.9	58.9
28	Razor (AP08TA6927)	Syngenta	-	41.4	34.0	59.2
29	Ruby Lee	OSU	-	-	49.7	58.7
30	TX07A001505*	TAMU	-	-	47.0	59.5
31	TX03A0563-07*	TAMU	-	-	45.7	59.5
32	Ripper	CSU	-	-	42.9	56.4
33	Cedar	WestBred	-	-	42.0	57.5
34	T 158	Limagrain	-	-	40.1	58.7
35	Everest	KSU	-	-	38.5	57.8
36	TX06V7266*	TAMU	-	-	36.8	57.8
37	Hitch	WestBred	-	-	36.8	57.3
38	APH09T9614*	Syngenta	-	-	32.4	58.9
39	CJ	Syngenta	-	-	32.3	58.1
40	APH09T2620*	Syngenta	-	-	22.3	58.4

Mean 47.9 43.3 38.1 58.0

CV (%) 8.3 8.7 11.5

LSD (5%) 4.7 4.9 6.2

* Experimental wheat breeding line

† Yield average for 2012 and 2011

‡ Yield average for 2012, 2011, and 2010

Uniform Wheat Variety Trial - Groom - Dryland, HRWW 2012

2-Year Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)	
			2-Year †	2012	2012	
1	Greer	Syngenta	50.3	57.9	53.3	
2	TAM 304	TAMU	48.8	60.5	54.1	
3	Armour	WestBred	48.3	54.3	56.2	
4	Winterhawk	WestBred	47.8	59.8	60.1	
5	TAM 113	TAMU	46.9	54.9	57.3	
6	Iba (OK07209)	OSU	46.8	57.1	59.9	
7	Gallagher (OK07214)	OSU	46.8	56.2	57.6	
8	Jackpot	Syngenta	46.1	57.8	54.0	
9	TAM 112	TAMU	46.1	53.5	59.1	
10	Endurance	OSU	45.9	56.1	55.9	
11	Bill Brown	CSU	45.7	52.4	58.0	
12	Hatcher	CSU	45.3	54.1	55.0	
13	TAM 111	TAMU	45.0	55.0	59.0	
14	Fuller	KSU	44.7	55.0	56.1	
15	Garrison	OSU	44.6	54.4	57.0	
16	Santa Fe	WestBred	44.0	56.7	55.0	
17	Jagger	KSU	44.0	54.1	53.7	
18	Billings	OSU	43.5	58.3	56.2	
19	Pete	OSU	42.7	53.1	55.8	
20	Duster	OSU	42.3	54.1	57.4	
21	TAM 305 (TX06A001263)	TAMU	41.7	48.0	57.7	
22	TAM 203	TAMU	41.1	47.8	53.9	
23	TAM W-101	TAMU	40.8	46.1	56.8	
24	Fannin	Syngenta	39.9	48.3	57.2	
25	Razor (AP08TA6927)	Syngenta	38.9	48.4	57.6	
26	Mace	UNL	38.6	45.3	55.8	
27	Doans	Syngenta	37.9	51.8	56.5	
28	TAM 401	TAMU	37.6	45.4	54.0	
29	Cedar	WestBred	-	62.3	56.4	
30	TX06V7266*	TAMU	-	60.3	54.8	
31	Ruby Lee	OSU	-	58.1	57.2	
32	TX07A001505*	TAMU	-	58.0	57.1	
33	T 158	Limagrain	-	57.4	56.6	
34	TX03A0563-07*	TAMU	-	54.6	57.1	
35	Hitch	WestBred	-	54.4	57.1	
36	Everest	KSU	-	54.0	57.1	
37	Ripper	CSU	-	50.8	56.3	
38	APH09T9614*	Syngenta	-	49.7	55.6	
39	CJ	Syngenta	-	48.5	56.5	
40	APH09T2620*	Syngenta	-	43.7	55.9	
			Mean	45.8	53.7	56.4
			CV (%)	7.5	6.7	
			LSD (5%)	4.5	5.8	

* Experimental wheat breeding line

† Yield average for 2012 and 2011

Uniform Wheat Variety Trial - Perryton, Dryland HRWW 2012 (Syngenta)

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	Winterhawk	WestBred	43.8	39.1	40.0	62.4
2	Duster	OSU	42.2	35.5	36.4	61.6
3	Hatcher	CSU	42.2	34.2	30.5	58.2
4	TAM 304	TAMU	41.5	35.1	36.3	59.8
5	TAM 113	TAMU	41.3	36.6	35.1	60.6
6	Jackpot	Syngenta	41.2	37.4	41.7	62.1
7	TAM 112	TAMU	41.1	35.7	34.4	60.4
8	TAM 305 (TX06A001263)	TAMU	40.7	34.3	34.6	60.9
9	Endurance	OSU	40.6	35.5	38.1	61.0
10	Armour	WestBred	40.5	33.3	34.0	59.7
11	Mace	UNL	39.9	32.3	24.2	51.6
12	TAM 111	TAMU	39.4	31.6	34.5	59.8
13	TAM 203	TAMU	38.8	32.9	32.0	58.5
14	Billings	OSU	38.3	29.5	30.6	57.8
15	Fuller	KSU	38.2	32.3	34.2	60.8
16	Greer	Syngenta	38.1	31.5	35.9	59.8
17	Bill Brown	CSU	37.8	30.9	27.8	55.0
18	Santa Fe	WestBred	37.5	31.9	35.1	60.5
19	Garrison	OSU	37.3	29.1	26.5	55.4
20	Doans	Syngenta	37.3	31.4	33.6	61.8
21	TAM 401	TAMU	34.9	31.3	31.9	58.8
22	Jagger	KSU	34.6	29.2	33.7	59.1
23	Pete	OSU	34.5	28.4	25.7	54.7
24	TAM W-101	TAMU	34.1	27.1	23.6	48.9
25	Fannin	Syngenta	33.9	28.3	33.3	60.1
26	Iba (OK07209)	OSU	-	38.7	38.4	62.1
27	Cedar	WestBred	-	35.9	39.6	61.0
28	Gallagher (OK07214)	OSU	-	34.4	37.9	60.8
29	Razor (AP08TA6927)	Syngenta	-	29.9	34.0	60.2
30	APH09T9614*	Syngenta	-	-	41.2	62.9
31	CJ	Syngenta	-	-	40.6	62.6
32	TX06V7266*	TAMU	-	-	39.1	57.3
33	Ruby Lee	OSU	-	-	38.5	62.4
34	Hitch	WestBred	-	-	35.6	60.7
35	APH09T2620*	Syngenta	-	-	35.2	62.6
36	TX07A001505*	TAMU	-	-	34.2	60.0
37	T 158	Limagrain	-	-	32.9	59.6
38	Everest	KSU	-	-	30.3	58.4
39	TX03A0563-07*	TAMU	-	-	27.0	54.3
40	Ripper	CSU	-	-	22.9	48.4

Mean 38.8 32.9 33.8 59.1

* Experimental wheat breeding line

CV (%) 7.4 9.3 9.0

† Yield average for 2012 and 2011

LSD (5%) 3.3 4.0 5.0

‡ Yield average for 2012, 2011, and 2010

Uniform Wheat Variety Trial - Perryton, Irrigated HRWW 2012 (Syngenta)

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	Winterhawk	WestBred	62.8	66.5	71.6	63.5
2	TAM 304	TAMU	61.1	61.2	62.8	61.8
3	TAM 305 (TX06A001263)	TAMU	59.7	61.3	61.8	63.3
4	TAM 112	TAMU	59.2	59.7	56.7	61.9
5	TAM 113	TAMU	59.1	61.8	62.4	63.6
6	TAM 203	TAMU	58.8	58.0	62.4	60.6
7	Doans	Syngenta	58.7	55.6	59.5	64.8
8	TAM 111	TAMU	57.0	59.1	56.9	63.1
9	Duster	OSU	56.4	58.7	61.2	63.3
10	Hatcher	CSU	56.1	56.4	56.9	62.4
11	Mace	UNL	56.1	55.0	47.4	60.5
12	Fuller	KSU	55.8	57.8	64.2	62.5
13	Jackpot	Syngenta	55.2	54.3	55.3	62.7
14	Greer	Syngenta	54.8	53.6	54.8	62.6
15	Armour	WestBred	54.3	51.5	47.2	59.2
16	Billings	OSU	53.4	52.0	50.5	63.3
17	Santa Fe	WestBred	52.6	54.6	60.8	61.6
18	Endurance	OSU	52.2	51.4	51.4	61.2
19	TAM W-101	TAMU	51.4	51.9	50.3	61.4
20	Garrison	OSU	50.6	48.9	42.6	58.2
21	TAM 401	TAMU	50.5	51.6	57.4	60.6
22	Bill Brown	CSU	49.6	51.9	52.0	61.6
23	Jagger	KSU	48.6	50.9	53.8	59.7
24	Fannin	Syngenta	46.6	42.5	47.5	63.7
25	Pete	OSU	45.1	48.1	44.5	58.5
26	Iba (OK07209)	OSU	-	65.8	67.2	62.9
27	Gallagher (OK07214)	OSU	-	63.9	74.5	63.4
28	Cedar	WestBred	-	63.0	65.1	62.9
29	Razor (AP08TA6927)	Syngenta	-	46.0	48.6	63.5
30	TX06V7266*	TAMU	-	-	66.4	60.4
31	TX07A001505*	TAMU	-	-	60.1	64.5
32	T 158	Limagrain	-	-	57.7	64.3
33	Hitch	WestBred	-	-	55.9	60.8
34	TX03A0563-07*	TAMU	-	-	54.7	61.7
35	Everest	KSU	-	-	53.4	61.9
36	Ruby Lee	OSU	-	-	51.1	62.4
37	CJ	Syngenta	-	-	48.3	63.4
38	APH09T9614*	Syngenta	-	-	47.7	64.7
39	Ripper	CSU	-	-	41.5	58.7
40	APH09T2620*	Syngenta	-	-	26.7	54.9

	Mean	54.6	55.6	55.3	61.9
* Experimental wheat breeding line	CV (%)	7.6	7.4	8.5	
† Yield average for 2012 and 2011	LSD (5%)	4.8	5.2	7.6	
‡ Yield average for 2012, 2011, and 2010					

Uniform Wheat Variety Trial - Plainview. - Irrigated, HRWW 2012

2-Year Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2-Year †	2012	2012
1	Winterhawk	WestBred	61.3	60.8	59.9
2	TAM 112	TAMU	55.3	59.7	57.1
3	Hatcher	CSU	54.1	55.1	57.2
4	Jackpot	Syngenta	54.0	63.0	55.9
5	Billings	OSU	52.9	44.6	56.2
6	Duster	OSU	52.7	48.5	57.2
7	Endurance	OSU	52.3	49.1	55.6
8	Greer	Syngenta	51.6	53.2	54.5
9	TAM 304	TAMU	51.4	52.3	53.5
10	Fuller	KSU	51.2	55.2	56.6
11	TAM 305 (TX06A001263)	TAMU	49.4	50.7	56.0
12	CJ	Syngenta	49.2	43.2	56.6
13	Garrison	OSU	48.5	37.2	55.6
14	Bill Brown	CSU	48.0	44.0	58.5
15	TAM 113	TAMU	47.6	46.7	58.1
16	Armour	WestBred	47.4	49.8	55.6
17	Santa Fe	WestBred	46.9	50.2	56.0
18	TAM 203	TAMU	46.3	43.7	54.1
19	TAM 111	TAMU	46.0	38.2	58.2
20	Pete	OSU	42.2	41.5	56.3
21	TAM W-101	TAMU	38.6	34.8	57.5
22	Jagger	KSU	38.5	36.6	55.1
23	TAM 401	TAMU	37.1	33.4	55.4
24	Doans	Syngenta	34.2	22.8	56.9
25	Mace	UNL	34.0	28.2	54.8
26	Fannin	Syngenta	31.4	19.7	57.1
27	Everest	KSU	-	63.6	56.2
28	TX06V7266*	TAMU	-	62.6	55.7
29	TX03A0563-07*	TAMU	-	59.6	58.3
30	Iba (OK07209)	OSU	-	59.4	58.6
31	Cedar	WestBred	-	54.1	56.4
32	Hitch	WestBred	-	51.9	55.1
33	Gallagher (OK07214)	OSU	-	51.0	57.2
34	T 158	Limagrain	-	47.0	57.2
35	Ripper	CSU	-	45.6	55.2
36	APH09T9614*	Syngenta	-	40.7	56.8
37	Ruby Lee	OSU	-	40.1	56.7
38	APH09T2620*	Syngenta	-	39.9	56.5
39	Razor (AP08TA6927)	Syngenta	-	35.3	57.5
40	TX07A001505*	TAMU	-	34.6	59.0

* Experimental wheat breeding line
† yield average for 2012 and 2010
Data was not available for 2011

Mean	47.4	46.2	56.5
CV (%)	11.4	11.1	
LSD (5%)	7.2	8.3	

Rolling Plains Locations Agronomic Data

Location ¹	Cooperator(s)	Yield Limiting Issues ²	Planting Date	Fertilizer (Total)	Water*	Seeding Rate
				(lb N/a)		lb/a
Abilene		Warm Winter; Hot and Dry Spring	10/21/11	32	D	50
Brady	David Holubec Farms	Warm Winter	11/12/11	85	D	50
Chillicothe		Warm Winter; BCOA	10/17/11	72	D	50
Electra		Warm Winter; Some Lodging	10/19/11	32	D	50
Hardeman Grain		Warm Winter; Severe Lodging	10/19/11	42	D	50
Vernon (Syngenta)	Syngenta Seeds Inc.	Drought conditions during grain fill	10/25/11	30	D	60
Vernon (Syngenta)	Syngenta Seeds Inc.	Limited irrigation resources; Moderate leaf and stripe rust and BYDV ² .	10/26/11	60	IL	60
Young Co. (Syngenta)	Kerry and Kenneth Lowe	None	11/29/11	40	D	60

¹All locations were planted to 7" row spacings and were conventionally tilled EXCEPT for Electra.

²BCOA = Bird Cherry Oat aphid

BYDV = Barley Yellow Dwarf Virus

*Irrigation: IL = Irrigated Limited, D = Dryland

Uniform Wheat Variety Trial - Rolling Plains Yield Summary 2012

2012 Rank ¹	Variety	Source	2012 Yield bu/ac									
			Dry AVG	Abilene	Brady	Chillicothe	Electra	Hardeman Grain	Vernon D.	Young Co.	Irr. AVG	Vernon Irr.
1	Ruby Lee	OSU	46.8	29.8	66.3	51.9	49.7	37.6	52.1	40.4	69.6	69.6
2	TAM 304	TAMU	46.2	29.1	61.8	44.9	61.2	39.0	49.6	37.9	72.7	72.7
3	TX07A001505*	TAMU	45.3	29.9	61.7	48.7	59.8	38.4	49.4	29.4	64.5	64.5
4	Gallagher (OK07214)	OSU	44.8	30.5	53.9	47.1	49.8	41.3	52.4	38.5	73.2	73.2
5	Billings	OSU	44.2	24.4	56.9	43.4	55.9	38.2	50.4	40.2	64.0	64.0
6	Jackpot	Syngenta	44.0	29.2	54.4	49.0	57.1	39.9	45.2	32.9	65.7	65.7
7	TAM 305 (TX06A001263)	TAMU	43.1	33.5	54.6	46.4	59.4	37.0	40.5	30.6	64.8	64.8
8	Fuller	KSU	43.0	28.7	52.1	49.3	50.5	39.9	47.0	33.3	62.9	62.9
9	APH09T9614*	Syngenta	42.5	26.2	60.4	50.4	52.2	32.9	39.2	36.1	60.6	60.6
10	TAM 203	TAMU	41.9	28.1	49.7	45.9	53.4	40.5	50.3	25.7	62.4	62.4
11	Duster	OSU	41.4	30.9	53.6	43.5	47.5	35.3	47.2	32.2	64.2	64.2
12	TX06V7266*	TAMU	41.0	28.6	47.0	44.9	48.8	38.3	47.2	32.4	63.9	63.9
13	Iba (OK07209)	OSU	40.5	25.8	53.5	46.0	49.9	33.9	42.7	31.4	66.3	66.3
14	TAM 401	TAMU	40.3	27.5	55.8	48.3	45.6	30.8	44.6	29.9	60.9	60.9
15	TX03A0563-07*	TAMU	40.1	31.0	47.7	44.8	44.2	43.8	46.7	22.4	54.5	54.5
16	Razor (AP08TA6927)	Syngenta	40.0	29.5	51.1	46.0	49.0	39.0	40.0	25.5	63.7	63.7
17	Jagger	KSU	39.8	25.1	50.2	45.7	55.6	34.2	41.3	26.1	58.0	58.0
18	Everest	KSU	39.6	21.1	51.4	45.8	53.3	39.5	35.6	30.8	63.9	63.9
19	Santa Fe	WestBred	39.6	26.6	56.8	39.0	51.9	30.4	41.4	30.7	58.7	58.7
20	TAM 113	TAMU	39.6	29.0	50.6	48.1	43.0	34.7	46.4	25.4	53.1	53.1
21	Greer	Syngenta	39.4	29.0	47.6	40.8	52.2	33.1	38.8	34.3	62.5	62.5
22	Pete	OSU	39.1	23.7	51.8	43.5	42.6	34.7	42.3	35.3	42.3	42.3
23	APH09T2620*	Syngenta	38.8	27.1	57.7	48.1	49.6	36.7	35.0	17.6	57.0	57.0
24	Doans	Syngenta	38.5	26.7	51.5	38.4	52.0	32.5	36.8	31.6	56.5	56.5
25	Armour	WestBred	38.3	28.2	55.9	40.8	47.9	28.9	41.7	24.5	58.6	58.6
26	Garrison	OSU	37.7	22.8	49.4	36.5	49.4	31.3	40.7	33.4	55.8	55.8
27	Endurance	OSU	37.4	25.5	52.1	40.8	49.9	29.5	35.5	28.3	61.3	61.3
28	TAM W-101	TAMU	37.3	33.5	42.0	46.7	42.4	35.1	34.1	27.2	47.8	47.8
29	TAM 112	TAMU	37.0	26.2	47.0	44.5	39.7	34.7	46.6	20.3	59.1	59.1
30	TAM 111	TAMU	36.9	23.9	52.9	38.7	40.2	30.2	39.3	33.4	58.1	58.1
31	CJ	Syngenta	36.3	29.1	46.0	38.8	46.3	23.4	44.2	26.6	64.4	64.4
32	Fannin	Syngenta	35.9	27.2	48.0	37.6	35.8	22.9	49.2	30.3	56.9	56.9
	Mean		40.5	27.7	52.9	44.5	49.5	34.9	43.6	30.4	60.9	60.9
	CV (%)		10.4	11.6	10.3	6.2	8.6	9.8	12.3	11.6	9.0	9.0
	LSD (5%)		4.4	5.2	8.9	4.5	8.6	5.5	8.7	5.8	8.9	8.9

* Experimental wheat breeding line

¹Rank is based on Dry AVG

Uniform Wheat Variety Trial - Abilene, HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	Greer	Syngenta	39.9	32.1	29.0	57.3
2	TAM 305 (TX06A001263)	TAMU	38.8	31.9	33.5	59.1
3	Duster	OSU	38.3	31.1	30.9	60.6
4	TAM 113	TAMU	37.4	33.5	29.0	61.3
5	TAM 304	TAMU	37.0	29.2	29.1	57.0
6	Jackpot	Syngenta	35.9	30.8	29.2	59.0
7	Billings	OSU	35.1	25.3	24.4	59.8
8	Fuller	KSU	34.4	29.5	28.7	60.6
9	Fannin	Syngenta	34.1	26.2	27.2	60.2
10	Endurance	OSU	33.5	29.1	25.5	59.6
11	TAM 401	TAMU	33.3	26.6	27.5	56.7
12	Armour	WestBred	33.1	26.4	28.2	58.9
13	Santa Fe	WestBred	33.1	27.6	26.6	59.2
14	Garrison	OSU	33.0	26.6	22.8	58.9
15	TAM W-101	TAMU	33.0	30.8	33.5	60.7
16	TAM 203	TAMU	32.9	26.8	28.1	57.3
17	Doans	Syngenta	32.7	25.6	26.7	61.2
18	Jagger	KSU	31.7	27.6	25.1	59.3
19	TAM 111	TAMU	31.4	24.9	23.9	60.1
20	TAM 112	TAMU	30.3	27.4	26.2	59.6
21	Pete	OSU	30.2	24.5	23.7	61.6
22	Gallagher (OK07214)	OSU	-	30.9	30.5	60.2
23	Iba (OK07209)	OSU	-	30.1	25.8	59.4
24	Razor (AP08TA6927)	Syngenta	-	29.6	29.5	60.7
25	TX03A0563-07*	TAMU	-	-	31.0	60.8
26	TX07A001505*	TAMU	-	-	29.9	60.6
27	Ruby Lee	OSU	-	-	29.8	60.5
28	CJ	Syngenta	-	-	29.1	60.4
29	TX06V7266*	TAMU	-	-	28.6	57.0
30	APH09T2620*	Syngenta	-	-	27.1	60.8
31	APH09T9614*	Syngenta	-	-	26.2	62.4
32	Everest	KSU	-	-	21.1	58.9

	Mean	34.2	28.5	27.7	59.7
* Experimental wheat breeding line	CV (%)	12.5	14.6	11.6	
† Yield average for 2012 and 2011	LSD (5%)	4.6	5.2	5.2	
‡ Yield average for 2012, 2011, and 2010					

Uniform Wheat Variety Trial - Brady, HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	Jackpot	Syngenta	48.1	40.1	54.4	55.6
2	TAM 304	TAMU	48.0	41.3	61.8	54.8
3	Shocker	WestBred	46.9	41.5	64.3	56.4
4	Duster	OSU	46.0	37.1	53.6	57.5
5	Santa Fe	WestBred	45.5	40.8	56.8	56.1
6	Billings	OSU	45.3	37.8	56.9	56.8
7	Doans	Syngenta	44.8	37.0	51.5	58.6
8	Armour	Westbred	44.2	39.0	55.9	55.8
9	Sturdy 2K	TAMU	43.8	35.6	53.8	55.2
10	Coronado	Syngenta	43.5	40.5	56.3	57.5
11	TAM 111	TAMU	42.5	35.4	52.9	57.0
12	Greer	Syngenta	42.1	34.2	47.6	51.9
13	Garrison	OSU	42.0	34.9	49.4	57.3
14	Fuller	KSU	42.0	34.4	52.1	56.1
15	TAM 305 (TX06A001263)	TAMU	41.6	37.3	54.6	57.7
16	Pete	OSU	41.3	32.4	51.8	58.4
17	TAM 112	TAMU	41.2	33.5	47.0	55.7
18	Deliver	OSU	40.9	37.1	50.1	57.4
19	Fannin	Syngenta	40.3	32.2	48.0	56.8
20	TAM 113	TAMU	40.0	39.3	50.6	59.8
21	Endurance	OSU	40.0	33.7	52.1	56.7
22	Jagger	KSU	39.9	34.0	50.2	54.5
23	TAM 203 (750,000 seed/a)	TAMU	38.6	34.2	49.7	55.0
24	Jagalene	Syngenta	38.4	35.9	52.2	56.2
25	TAM 401	TAMU	37.7	34.4	55.8	52.3
26	TAM W-101	TAMU	34.0	28.2	42.0	56.3
27	Iba (OK07209)	OSU	-	38.4	53.5	57.8
28	Gallagher (OK07214)	OSU	-	33.6	53.9	57.1
29	Weathermaster 135	Unknown	-	27.8	34.7	54.4
30	Ruby Lee	OSU	-	-	66.3	59.0
31	Cedar	WestBred	-	-	61.9	55.9
32	TX07A001505*	TAMU	-	-	61.7	59.1
33	APH09T9614*	Syngenta	-	-	60.4	60.0
34	APH09T2620*	Syngenta	-	-	57.7	60.0
35	Everest	KSU	-	-	51.4	57.0
36	Razor (AP08TA6927)	Syngenta	-	-	51.1	59.2
37	TAM 203 (50 lb seed/a)	TAMU	-	-	48.2	55.6
38	TX03A0563-07*	TAMU	-	-	47.7	57.5
39	TX06V7266*	TAMU	-	-	47.0	53.5
40	CJ	Syngenta	-	-	46.0	55.6

	Mean	42.3	35.9	52.8	56.6
* Experimental wheat breeding line	CV (%)	12.1	12.7	10.3	
† Yield average for 2012 and 2011	LSD (5%)	6.1	6.4	8.9	
‡ Yield average for 2012, 2011, and 2010					

Uniform Wheat Variety Trial - Chillicothe, HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	Duster	OSU	39.6	29.3	43.5	61.1
2	Jackpot	Syngenta	39.4	31.9	49.0	61.7
3	TAM 304	TAMU	38.3	29.0	44.9	59.8
4	TAM 203	TAMU	37.8	31.0	45.9	59.9
5	Pete	OSU	37.2	29.1	43.5	61.4
6	Endurance	OSU	37.1	27.1	40.8	58.2
7	TAM 305 (TX06A001263)	TAMU	37.0	28.1	46.4	62.7
8	Fuller	KSU	36.5	31.5	49.3	60.4
9	Santa Fe	WestBred	36.5	28.1	39.0	60.3
10	Armour	WestBred	36.4	26.9	40.8	59.4
11	TAM 112	TAMU	36.0	29.1	44.5	61.1
12	TAM 111	TAMU	35.6	25.8	38.7	58.7
13	Billings	OSU	35.4	26.3	43.4	60.8
14	TAM 113	TAMU	35.1	29.3	48.1	61.6
15	Garrison	OSU	35.1	23.9	36.5	60.9
16	TAM 401	TAMU	34.9	30.0	48.3	59.7
17	Jagger	KSU	34.7	29.9	45.7	58.6
18	Greer	Syngenta	34.2	27.9	40.8	58.0
19	TAM W-101	TAMU	33.2	28.1	46.7	61.4
20	Fannin	Syngenta	31.3	23.0	37.6	62.6
21	Doans	Syngenta	29.8	23.2	38.4	62.8
22	Iba (OK07209)	OSU	-	30.7	46.0	61.7
23	Razor (AP08TA6927)	Syngenta	-	28.6	46.0	62.5
24	Gallagher (OK07214)	OSU	-	27.7	47.1	62.7
25	Ruby Lee	OSU	-	-	51.9	62.7
26	APH09T9614*	Syngenta	-	-	50.4	61.3
27	TX07A001505*	TAMU	-	-	48.7	60.4
28	APH09T2620*	Syngenta	-	-	48.1	62.7
29	Everest	KSU	-	-	45.8	61.4
30	TX06V7266*	TAMU	-	-	44.9	57.7
31	TX03A0563-07*	TAMU	-	-	44.8	62.3
32	CJ	Syngenta	-	-	38.8	60.1

	Mean	35.8	28.1	44.5	60.8
* Experimental wheat breeding line	CV (%)	8.2	7.6	6.2	
† Yield average for 2012 and 2011	LSD (5%)	3.3	2.9	4.5	
‡ Yield average for 2012, 2011, and 2010					

Uniform Wheat Variety Trial - Electra, HRWW 2012

2012 Rank	Variety	Source	Grain Yield	Test Weight
			(bu/ac) 2012	(lb/bu) 2012
1	TAM 304	TAMU	61.2	57.6
2	TX07A001505*	TAMU	59.8	60.8
3	TAM 305 (TX06A001263)	TAMU	59.4	60.7
4	Jackpot	Syngenta	57.1	58.7
5	Billings	OSU	55.9	59.7
6	Jagger	KSU	55.6	58.8
7	TAM 203	TAMU	53.4	58.7
8	Everest	KSU	53.3	60.6
9	APH09T9614*	Syngenta	52.2	61.3
10	Greer	Syngenta	52.2	55.3
11	Doans	Syngenta	52.0	61.0
12	Santa Fe	WestBred	51.9	59.6
13	Fuller	KSU	50.5	58.6
14	Endurance	OSU	49.9	60.1
15	Iba (OK07209)	OSU	49.9	60.1
16	Gallagher (OK07214)	OSU	49.8	60.1
17	Ruby Lee	OSU	49.7	60.8
18	APH09T2620*	Syngenta	49.6	61.7
19	Garrison	OSU	49.4	58.2
20	Razor (AP08TA6927)	Syngenta	49.0	62.7
21	TX06V7266*	TAMU	48.8	57.7
22	Armour	WestBred	47.9	57.0
23	Duster	OSU	47.5	58.6
24	CJ	Syngenta	46.3	59.7
25	TAM 401	TAMU	45.6	57.7
26	TX03A0563-07*	TAMU	44.2	57.9
27	TAM 113	TAMU	43.0	58.9
28	Pete	OSU	42.6	60.4
29	TAM W-101	TAMU	42.4	58.4
30	TAM 111	TAMU	40.2	59.2
31	TAM 112	TAMU	39.7	58.4
32	Fannin	Syngenta	35.8	59.6

	Mean	49.5	59.3
	CV (%)	8.6	
	LSD (5%)	8.6	
* Experimental wheat breeding line			

Uniform Wheat Variety Trial - Hardeman Grain, HRWW 2012

3-Year		Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
Rank	Variety		3-Year ‡	2-Year †	2012	2012
1	TAM 304	TAMU	40.1	27.6	39.0	60.1
2	TAM 203	TAMU	38.9	30.5	40.5	59.9
3	Duster	OSU	37.7	26.5	35.3	61.5
4	Jackpot	Syngenta	37.3	30.9	39.9	62.3
5	Garrison	OSU	37.0	23.1	31.3	59.6
6	TAM 305 (TX06A001263)	TAMU	36.4	25.2	37.0	61.7
7	Endurance	OSU	36.2	24.7	29.5	59.9
8	Fuller	KSU	35.0	29.1	39.9	61.4
9	Greer	Syngenta	34.9	28.0	33.1	60.4
10	Armour	WestBred	34.5	25.4	28.9	58.9
11	Pete	OSU	34.2	24.6	34.7	61.9
12	Billings	OSU	33.6	24.3	38.2	60.2
13	TAM 113	TAMU	33.6	25.4	34.7	59.9
14	TAM 112	TAMU	33.4	26.7	34.7	60.8
15	Santa Fe	WestBred	33.2	26.4	30.4	60.2
16	TAM 111	TAMU	31.0	23.0	30.2	59.6
17	Jagger	KSU	30.3	26.6	34.2	60.0
18	TAM 401	TAMU	30.1	21.5	30.8	58.6
19	Doans	Syngenta	29.5	23.1	32.5	63.2
20	TAM W-101	TAMU	28.7	25.3	35.1	60.4
21	Fannin	Syngenta	25.7	17.2	22.9	61.1
22	Gallagher (OK07214)	OSU	-	29.2	41.3	62.2
23	Razor (AP08TA6927)	Syngenta	-	26.9	39.0	61.9
24	Iba (OK07209)	OSU	-	25.2	33.9	61.5
25	TX03A0563-07*	TAMU	-	-	43.8	61.6
26	Everest	KSU	-	-	39.5	60.3
27	TX07A001505*	TAMU	-	-	38.4	61.4
28	TX06V7266*	TAMU	-	-	38.3	58.7
29	Ruby Lee	OSU	-	-	37.6	62.0
30	APH09T2620*	Syngenta	-	-	36.7	61.5
31	APH09T9614*	Syngenta	-	-	32.9	61.8
32	CJ	Syngenta	-	-	23.4	61.0

	Mean	33.9	25.7	34.9	60.8
	CV (%)	13.1	11.3	9.8	
† Yield average for 2012 and 2011	LSD (5%)	4.9	3.8	5.5	
‡ Yield average for 2012, 2011, and 2010					

Uniform Wheat Variety Trial - Vernon - Dryland, HRWW 2012 (Syngenta)

2-Year Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2-Year †	2012	2012
1	Billings	OSU	56.3	50.4	63.5
2	Fannin	Syngenta	54.0	49.2	57.3
3	Duster	OSU	51.2	47.2	61.8
4	Jackpot	Syngenta	50.8	45.2	62.6
5	TAM 304	TAMU	50.6	49.6	62.1
6	TAM 113	TAMU	50.4	46.4	62.8
7	Garrison	OSU	50.3	40.7	61.6
8	TAM 203	TAMU	50.1	50.3	62.2
9	Greer	Syngenta	50.0	38.8	59.9
10	CJ	Syngenta	48.0	44.2	63.1
11	TAM 111	TAMU	47.6	39.3	62.7
12	TAM 112	TAMU	47.3	46.6	63.0
13	Doans	Syngenta	47.2	36.8	61.4
14	Fuller	KSU	47.1	47.0	62.1
15	Santa Fe	WestBred	45.8	41.4	63.2
16	TAM 401	TAMU	45.7	44.6	60.2
17	Armour	WestBred	41.2	41.7	60.3
18	Endurance	OSU	40.8	35.5	60.8
19	Pete	OSU	40.6	42.3	60.9
20	TAM 305 (TX06A001263)	TAMU	38.3	40.5	61.4
21	Jagger	KSU	36.6	41.3	61.5
22	TAM W-101	TAMU	32.3	34.1	61.2
23	Gallagher (OK07214)	OSU	-	52.4	64.2
24	Ruby Lee	OSU	-	52.1	64.3
25	TX07A001505*	TAMU	-	49.4	62.8
26	TX06V7266*	TAMU	-	47.2	59.6
27	TX03A0563-07*	TAMU	-	46.7	56.8
28	Iba (OK07209)	OSU	-	42.7	63.5
29	Razor (AP08TA6927)	Syngenta	-	40.0	62.9
30	APH09T9614*	Syngenta	-	39.2	62.2
31	Everest	KSU	-	35.6	57.1
32	APH09T2620*	Syngenta	-	35.0	61.2

Mean	46.5	43.6	61.6
CV (%)	12.4	12.3	
LSD (5%)	7.4	8.7	

* Experimental wheat breeding line

† Yield average for 2012 and 2010

Yield data was not available for 2011

Uniform Wheat Variety Trial - Vernon - Irrigated, HRWW 2012 (Syngenta)

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	Duster	OSU	50.4	46.0	64.2	60.6
2	Billings	OSU	50.2	44.7	64.0	63.3
3	Greer	Syngenta	49.7	44.0	62.5	60.6
4	Jackpot	Syngenta	49.0	45.7	65.7	61.2
5	TAM 203	TAMU	48.8	44.3	62.4	60.4
6	Fannin	Syngenta	48.4	42.3	56.9	61.5
7	TAM 112	TAMU	48.0	43.5	59.1	61.3
8	TAM 111	TAMU	47.9	42.6	58.1	62.9
9	TAM 305 (TX06A001263)	TAMU	47.6	45.6	64.8	62.4
10	TAM 304	TAMU	47.2	49.0	72.7	61.3
11	Fuller	KSU	46.8	46.6	62.9	62.1
12	Doans	Syngenta	46.8	38.9	56.5	63.0
13	Armour	WestBred	46.1	42.3	58.6	59.9
14	Endurance	OSU	45.1	44.1	61.3	62.3
15	Garrison	OSU	45.1	40.9	55.8	59.5
16	Santa Fe	WestBred	44.9	43.7	58.7	58.2
17	TAM 401	TAMU	43.6	42.0	60.9	59.9
18	TAM 113	TAMU	43.5	39.4	53.1	60.8
19	Jagger	KSU	39.7	41.4	58.0	61.3
20	TAM W-101	TAMU	37.7	34.2	47.8	59.4
21	Pete	OSU	33.3	33.8	42.3	52.7
22	Gallagher (OK07214)	OSU	-	51.9	73.2	61.3
23	Razor (AP08TA6927)	Syngenta	-	48.8	63.7	62.5
24	Iba (OK07209)	OSU	-	47.3	66.3	62.9
25	Ruby Lee	OSU	-	-	69.6	62.0
26	TX07A001505*	TAMU	-	-	64.5	64.1
27	CJ	Syngenta	-	-	64.4	60.9
28	Everest	KSU	-	-	63.9	61.7
29	TX06V7266*	TAMU	-	-	63.9	58.4
30	APH09T9614*	Syngenta	-	-	60.6	61.8
31	APH09T2620*	Syngenta	-	-	57.0	62.3
32	TX03A0563-07*	TAMU	-	-	54.5	61.5

	Mean	45.7	43.4	60.9	61.1
* Experimental wheat breeding line	CV (%)	10.5	9.8	9.0	
† Yield average for 2012 and 2011	LSD (5%)	5.8	5.8	8.9	
‡ yield average for 2012, 2011, and 2010					

Uniform Wheat Variety Trial - Young County, HRWW 2012 (Syngenta)

3-Year Rank	Variety	Source	Grain Yield (bu/ac)		
			3-Year ‡	2-Year †	2012
1	Greer	Syngenta	44.1	40.4	34.3
2	Billings	OSU	41.7	39.6	40.2
3	Doans	Syngenta	41.4	33.8	31.6
4	Garrison	OSU	39.1	38.2	33.4
5	TAM 304	TAMU	38.5	41.8	37.9
6	Jackpot	Syngenta	38.2	40.0	32.9
7	Duster	OSU	37.9	37.9	32.2
8	TAM 305 (TX06A001263)	TAMU	37.5	38.3	30.6
9	TAM 111	TAMU	37.1	40.2	33.4
10	Fuller	KSU	37.0	39.6	33.3
11	Fannin	Syngenta	36.8	32.4	30.3
12	Armour	WestBred	36.4	36.5	24.5
13	TAM 401	TAMU	36.4	34.0	29.9
14	Pete	OSU	35.0	39.7	35.3
15	TAM 113	TAMU	35.0	37.2	25.4
16	TAM 203	TAMU	34.5	34.7	25.7
17	Santa Fe	WestBred	34.2	37.5	30.7
18	TAM 112	TAMU	33.1	32.5	20.3
19	Endurance	OSU	31.4	32.5	28.3
20	TAM W-101	TAMU	31.3	34.7	27.2
21	Jagger	KSU	30.5	33.7	26.1
22	Gallagher (OK07214)	OSU	-	38.9	38.5
23	Iba (OK07209)	OSU	-	36.5	31.4
24	Razor (AP08TA6927)	Syngenta	-	31.1	25.5
25	Ruby Lee	OSU	-	-	40.4
26	APH09T9614*	Syngenta	-	-	36.1
27	TX06V7266*	TAMU	-	-	32.4
28	Everest	KSU	-	-	30.8
29	TX07A001505*	TAMU	-	-	29.4
30	CJ	Syngenta	-	-	26.6
31	TX03A0563-07*	TAMU	-	-	22.4
32	APH09T2620*	Syngenta	-	-	17.6

	Mean	36.5	36.7	30.4
	CV (%)	12.5	9.0	11.6
	LSD (5%)	5.0	4.1	5.8

* Experimental wheat breeding line

† Yield average for 2012 and 2011

‡ yield average for 2012, 2011, and 2010

Test Weights were not available at time of publication.

South Texas Locations Agronomic Data

Location ¹	Cooperator(s)	Yield Limiting Issues	Planting Date	Fertilizer (Total)	Water*	Pesticide Applied (Date)
				(lbN/a)		
Brady	David Holubec Farms	None	11/10/11	85	D	Huskie + Ally (2/16/12)
Castroville		Damaging Storms at Harvest DATA NOT SHOWN	11/17/11	135	IL	None
College Station	Texas A&M University Research Farm	Mild Winter	11/14/11	120	D	Weedmaster (2/21/12)
Uvalde	Texas AgriLife Research and Extension Center	Mild Winter; Irregularity within trial DATA NOT SHOWN	11/15/11	114	IL	Weedmaster (2/2/12)

¹All 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 2012

2012 Rank	Variety	Source	2012 Yield bu/ac			
			AVG	Brady	College Station	
1	Cedar	WestBred	52.2	61.9	45.5	
2	Ruby Lee	OSU	49.2	66.3	35.3	
3	Billings	OSU	48.2	56.9	39.4	
4	Shocker	WestBred	47.9	64.3	32.1	
5	Armour	WestBred	47.8	55.9	39.2	
6	TAM 401	TAMU	47.5	55.8	40.9	
7	Coronado	Syngenta	47.5	56.3	37.2	
8	Gallagher (OK07214)	OSU	47.0	53.9	41.3	
9	TAM 305 (TX06A001263)	TAMU	47.0	54.6	38.4	
10	Doans	Syngenta	46.5	51.5	40.4	
11	Everest	KSU	46.1	51.4	43.5	
12	TAM 304	TAMU	46.0	61.8	30.3	
13	TX06V7266*	TAMU	45.7	47.0	43.6	
14	Duster	OSU	45.4	53.6	40.5	
15	Santa Fe	WestBred	44.9	56.8	32.0	
16	TX07A001505*	TAMU	44.5	61.7	27.6	
17	TAM 203 (50 lb seed/a)	TAMU	44.5	48.2	42.7	
18	TAM 203 (750,000 seed/a)	TAMU	44.3	49.7	36.8	
19	APH09T9614*	Syngenta	43.6	60.4	27.1	
20	APH09T2620*	Syngenta	43.4	57.7	29.2	
21	Fannin	Syngenta	42.8	48.0	39.7	
22	CJ	Syngenta	42.8	46.0	37.2	
23	TX03A0563-07*	TAMU	42.5	47.7	35.5	
24	Razor (AP08TA6927)	Syngenta	41.6	51.1	32.2	
25	Iba (OK07209)	OSU	41.4	53.5	33.6	
26	Sturdy 2K	TAMU	40.6	53.8	33.4	
27	Endurance	OSU	40.4	52.1	26.3	
28	Deliver	OSU	40.1	50.1	34.0	
29	Greer	Syngenta	39.8	47.6	27.7	
30	TAM 113	TAMU	39.1	50.6	25.9	
31	Jackpot	Syngenta	37.6	54.4	25.5	
32	Fuller	KSU	37.2	52.1	25.0	
33	TAM W-101	TAMU	36.9	42.0	28.6	
34	Pete	OSU	35.1	51.8	20.1	
35	TAM 111	TAMU	33.7	52.9	15.5	
36	Garrison	OSU	33.5	49.4	17.0	
37	Weathermaster 135	Unknown	33.3	34.7	32.0	
38	Jagalene	Syngenta	33.3	52.2	14.2	
39	Jagger	KSU	32.1	50.2	17.5	
40	TAM 112	TAMU	30.3	47.0	13.7	
			Mean	42.1	52.8	31.9
* Experimental wheat breeding line			CV (%)	12.6	10.3	13.8
			LSD (5%)	6.1	8.9	8.4

Uniform Wheat Variety Trial - Brady, HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year †	2012	2012
1	Jackpot	Syngenta	48.1	40.1	54.4	55.6
2	TAM 304	TAMU	48.0	41.3	61.8	54.8
3	Shocker	WestBred	46.9	41.5	64.3	56.4
4	Duster	OSU	46.0	37.1	53.6	57.5
5	Santa Fe	WestBred	45.5	40.8	56.8	56.1
6	Billings	OSU	45.3	37.8	56.9	56.8
7	Doans	Syngenta	44.8	37.0	51.5	58.6
8	Armour	Westbred	44.2	39.0	55.9	55.8
9	Sturdy 2K	TAMU	43.8	35.6	53.8	55.2
10	Coronado	Syngenta	43.5	40.5	56.3	57.5
11	TAM 111	TAMU	42.5	35.4	52.9	57.0
12	Greer	Syngenta	42.1	34.2	47.6	51.9
13	Garrison	OSU	42.0	34.9	49.4	57.3
14	Fuller	KSU	42.0	34.4	52.1	56.1
15	TAM 305 (TX06A001263)	TAMU	41.6	37.3	54.6	57.7
16	Pete	OSU	41.3	32.4	51.8	58.4
17	TAM 112	TAMU	41.2	33.5	47.0	55.7
18	Deliver	OSU	40.9	37.1	50.1	57.4
19	Fannin	Syngenta	40.3	32.2	48.0	56.8
20	TAM 113	TAMU	40.0	39.3	50.6	59.8
21	Endurance	OSU	40.0	33.7	52.1	56.7
22	Jagger	KSU	39.9	34.0	50.2	54.5
23	TAM 203 (750,000 seed/a)	TAMU	38.6	34.2	49.7	55.0
24	Jagalene	Syngenta	38.4	35.9	52.2	56.2
25	TAM 401	TAMU	37.7	34.4	55.8	52.3
26	TAM W-101	TAMU	34.0	28.2	42.0	56.3
27	Iba (OK07209)	OSU	-	38.4	53.5	57.8
28	Gallagher (OK07214)	OSU	-	33.6	53.9	57.1
29	Weathermaster 135	Unknown	-	27.8	34.7	54.4
30	Ruby Lee	OSU	-	-	66.3	59.0
31	Cedar	WestBred	-	-	61.9	55.9
32	TX07A001505*	TAMU	-	-	61.7	59.1
33	APH09T9614*	Syngenta	-	-	60.4	60.0
34	APH09T2620*	Syngenta	-	-	57.7	60.0
35	Everest	KSU	-	-	51.4	57.0
36	Razor (AP08TA6927)	Syngenta	-	-	51.1	59.2
37	TAM 203 (50 lb seed/a)	TAMU	-	-	48.2	55.6
38	TX03A0563-07*	TAMU	-	-	47.7	57.5
39	TX06V7266*	TAMU	-	-	47.0	53.5
40	CJ	Syngenta	-	-	46.0	55.6

Mean 42.3 35.9 52.8 56.6

* Experimental wheat breeding line **CV (%) 12.1 12.7 10.3**

† Yield average for 2012 and 2011 **LSD (5%) 6.1 6.4 8.9**

‡ Yield average for 2012, 2011, and 2010

Uniform Wheat Variety Trial - College Station, HRWW 2012

3-Year Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			3-Year ‡	2-Year†	2012	2012
1	Billings	OSU	52.0	30.7	39.4	55.5
2	Armour	WestBred	43.0	29.7	39.2	51.5
3	TAM 304	TAMU	42.4	24.0	30.3	49.0
4	TAM 305 (TX06A001263)	TAMU	41.6	31.1	38.4	56.6
5	Fannin	Syngenta	40.7	28.1	39.7	58.5
6	Coronado	Syngenta	39.3	24.6	37.2	56.1
7	Sturdy 2K	TAMU	39.3	22.8	33.4	55.8
8	TAM 203 (750,000 seed/a)	TAMU	39.1	27.9	36.8	53.9
9	Doans	Syngenta	39.0	27.5	40.4	58.6
10	Duster	OSU	38.9	25.3	40.5	54.4
11	TAM 401	TAMU	38.6	26.9	40.9	52.9
12	Shocker	WestBred	37.4	30.2	32.1	55.0
13	Deliver	OSU	36.8	24.2	34.0	56.5
14	Pete	OSU	35.5	19.7	20.1	55.0
15	Santa Fe	WestBred	33.2	24.9	32.0	51.3
16	Greer	Syngenta	32.8	22.8	27.7	49.5
17	TAM 113	TAMU	31.4	20.0	25.9	53.1
18	Jackpot	Syngenta	30.2	16.5	25.5	49.1
19	Endurance	OSU	30.1	20.9	26.3	53.6
20	Fuller	KSU	28.4	19.2	25.0	54.2
21	TAM 111	TAMU	27.7	14.9	15.5	54.6
22	TAM 112	TAMU	25.8	14.2	13.7	48.5
23	TAM W-101	TAMU	25.2	20.1	28.6	54.3
24	Jagger	KSU	22.0	16.6	17.5	47.6
25	Garrison	OSU	21.9	11.0	17.0	48.5
26	Jagalene	Syngenta	20.3	15.3	14.2	50.0
27	Gallagher (OK07214)	OSU	-	31.5	41.3	57.0
28	Iba (OK07209)	OSU	-	24.3	33.6	53.7
29	Weathermaster 135	Unknown	-	19.6	32.0	50.7
30	Cedar	WestBred	-	-	45.5	55.4
31	TX06V7266*	TAMU	-	-	43.6	54.6
32	Everest	KSU	-	-	43.5	57.0
33	TAM 203 (50 lb seed/a)	TAMU	-	-	42.7	54.6
34	CJ	Syngenta	-	-	37.2	56.5
35	TX03A0563-07*	TAMU	-	-	35.5	53.2
36	Ruby Lee	OSU	-	-	35.3	53.7
37	Razor (AP08TA6927)	Syngenta	-	-	32.2	56.3
38	APH09T2620*	Syngenta	-	-	29.2	51.8
39	TX07A001505*	TAMU	-	-	27.6	56.0
40	APH09T9614*	Syngenta	-	-	27.1	56.9

	Mean	34.3	22.9	31.9	53.8
	CV (%)	18.5^a	20.4^a	13.8	
†Yield average for 2012 and 2011	LSD (5%)	7.4	6.6	8.4	
‡ Yield average for 2012, 2011, and 2010					

^aTrials 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.

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