

2010

# 2010 Texas Wheat Variety Results



Department of Soil and Crop Sciences

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# 2010

## Texas Uniform Wheat Variety Trials

[varietytesting.tamu.edu/wheat](http://varietytesting.tamu.edu/wheat)

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# Introduction

During the 2009-10 wheat season, Texas producers planted 5.7 million acres in wheat according to the National Agricultural Statistics Service (NASS). Wheat acres planted in 2010 were down 10% from last year. According to the NASS, only 61% of the acres were harvested this year. Abnormal rain events over much of the state led to higher than expected yields, but at time of harvest, issues with protein and prices cut into producer's profits.

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 AgriPro researchers. We also appreciate the cooperation from numerous Texas County Extension Agents, producers, and private industries that contribute locations, property, and seed to conduct these field trials. The purpose of this publication is to provide unbiased yield data for wheat producers across the state. Varieties within these yield trials were Hard Red Winter Wheat (HRWW), Soft Red Winter Wheat (SRWW), or Hard Red Spring Wheat (HRSW). With this information, Texas wheat producers can make an educated decision about 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 the 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 (rusts, Hessian fly, leaf curl mite, greenbugs, etc.) and yield loss from adverse environmental factors (freeze, drought, hail, etc.).

Producers should select no fewer than 2 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, county agent strip 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 factors. Stable yield performance of quality grain 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.

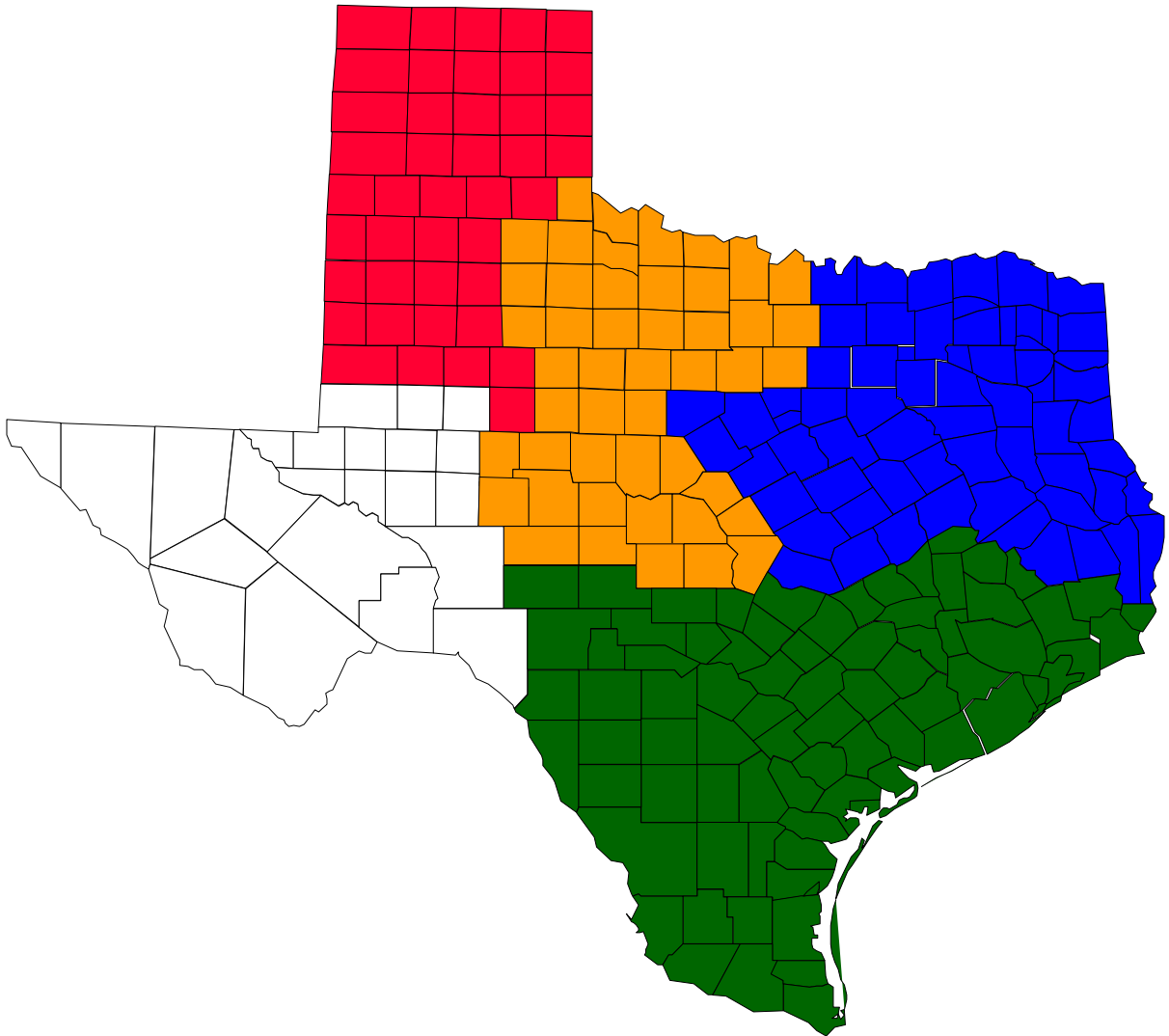
When selecting a variety for the 2010-11 season, producers need to consider the 2009-10 season, recognizing the unusually wet, cold conditions that impacted yield and quality. It is strongly encouraged that producers look at the 2 and 3 year averages for the varieties and to look at numerous relevant variety trial locations. There are typically 20+ wheat variety trials conducted across the state each year.





## Interpreting the Data:

Yield and test weight at each location has 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 value is the average of all the variety's yield 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 of 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 questions about the validity of the data as a true representation of varietal performance. The LSD value indicates 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<sup>th</sup> trial with a 5 bu/ac difference that there is not truly a difference between 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	

# 2009 Texas Wheat Region Overview

## **Texas Blacklands:**

The Texas Blacklands, especially the Southern Blacklands, experienced several rainfall episodes from November 2009 to May 2010. Total rainfall amounts in both Commerce and Hillsboro, TX were around 11 inches. In the northern Blacklands, the rain interfered with planting near Paris and Clarksville and delayed some trials around Leonard. Temperatures fell below 32°F on March 20-21 for almost 12 hours. Low to moderate disease pressure from leaf rust, stripe rust, and barley yellow dwarf virus (BYDV) were observed throughout the region.

## **Texas High Plains:**

The Texas High Plains experienced a late frost on April 8 where temperatures fell to 26°F for 2 hours. Plant diseases did not have much effect on the wheat crop this year throughout much of this region with only a trace of rust and BYDV. Rainfall events were timely, but periods of dry weather during grain fill and other crucial growing points did lead to some yield losses. Four locations in this region were tested for protein content and the data is displayed in the following yield results: Canadian, Castro County, Groom, and Hereford.

## **Texas Rolling Plains:**

The Texas Rolling Plains started off dry in the fall limiting the amount of forage produced, but timely rains in the spring allowed this year's crop to produce good grain yields. Rust pressure (both leaf and stripe) was moderate to high in the Rolling Plains and did have a significant impact on the yield potential. Protein levels in this region ranged from 11-15% depending on where and what variety of wheat was grown. Protein content is displayed with the Brady yield data for this region

## **South Texas:**

The South Texas locations had saturated conditions almost all season long. Rainfall totals in Castroville and College Station from November 2009 to May 2010 were 12-14 inches. Cold temperatures occurred in late February, but yield losses were not significant. Most of the yield limiting factors came from the severe stripe rust that infected the plants prior to heading, then the moderate to severe leaf rust infection that came in prior to maturity. The College Station location was tested for protein content.



# Texas Blackland Location Details and Issues

Location <sup>1</sup>	Yield Limiting Issues	Planting Date	Fertilizer (Total) (lb N/a)	Row Spacing inch	Pesticide Applied	Date Appl.
<b>Ellis County<sup>2</sup></b>	Wet fall; Dry Spring	11/5/09	105	7	Amber (1/2 oz/a)	11/15/2010
<b>Grayson County<sup>2</sup></b>	Wet fall; Dry Spring	11/18/09	105	7	Amber (1/2 oz/a)	11/24/2010
<b>Hillsboro (AgriPro)</b>	Moderate leaf and stripe rust	11/18/09	Cooperator applied	7	Cooperator applied	--
<b>Howe</b>	Wet fall and spring; Limited tillering and root penetration	11/23/09	179	6	Axial XL (20 oz/a) + Amber (0.56 oz/a)	1/14/2010
<b>McGregor<sup>2</sup></b>	Timely Rains, Minor Lodging, Greenbugs Early	11/9/09	118	7	Weedmaster (3/4 pt/a)+ Finesse (0.4 oz/a)  Dimethoate (3/4 pt/a)	1/27/2010  2/19/2010
<b>Muenster (AgriPro)</b>	Moderate leaf and stripe rust	11/13/09	Cooperator applied	7	Cooperator applied	--
<b>Royse City</b>	Wet fall and spring; Limited tillering and root penetration	11/11/09	179	6	Axial XL (20 oz/a) + Amber (0.56 oz/a)	3/29/2010

<sup>1</sup>All locations were planted into conventionally tilled soil and were grown under dryland conditions.

<sup>2</sup>These locations were planted with a seeding rate of 1.2 million seed/a (~80 lb/a), the rest were planted at 90 lb/a.

## Uniform Wheat Variety Trial - Ellis County, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010
1	OK05526*	OSU	69.5	-	-	61.3
2	Billings	OSU	66.6	-	-	62.8
3	TAM 304	TAMU	65.5	62.7	58.4	60.1
4	Armour	WestBred	65.0	-	-	60.3
5	Blend 1 (TAM 203 & 304)	TAMU Blend	64.1	-	-	60.2
6	TAM 203	TAMU	64.1	60.2	61.9	59.9
7	TX06A001263*	TAMU	63.8	-	-	62.4
8	CJ	AgriPro	62.6	-	-	60.8
9	Fannin	AgriPro	62.4	60.2	58.5	63.8
10	Greer (AP06T3832)	AgriPro	62.1	60.5	-	58.3
11	Shocker	WestBred	61.7	61.5	59.8	61.3
12	Sturdy 2K	TAMU	61.2	55.5	54.7	61.1
13	TAM 401	TAMU	60.3	61.1	58.8	60.1
14	Blend 2 (Fannin + Jackpot)	AgriPro Blend	60.2	-	-	61.4
15	Art	AgriPro	60.0	55.5	-	62.5
16	Pete	OSU	60.0	-	-	61.9
17	TX05A001822*	TAMU	59.7	-	-	61.6
18	Duster	OSU	58.9	55.2	53.3	62.2
19	Endurance	OSU	58.0	51.9	50.1	61.1
20	Doans	AgriPro	56.7	52.9	51.0	63.4
21	Deliver	OSU	55.8	52.3	51.1	62.5
22	SY Gold (00X00100-51)	AgriPro	55.7	-	-	60.6
23	Fuller	KSU	55.5	59.6	60.6	61.4
24	2145	KSU	54.4	-	-	61.0
25	TAM 111	TAMU	54.0	42.4	39.6	61.0
26	Jackpot	AgriPro	53.9	62.8	64.4	59.8
27	Santa Fe	WestBred	53.8	55.6	54.2	62.5
28	AP06T3621*	AgriPro	53.5	-	-	58.8
29	OK05511*	OSU	52.5	-	-	60.4
30	Coronado	AgriPro	52.1	50.9	52.7	61.4
31	OK05212*	OSU	51.9	-	-	60.9
32	TX02A0252*	TAMU	51.2	44.1	-	62.6
33	AP503CL2*	AgriPro	49.0	-	-	61.3
34	Bullet	OSU	47.3	42.0	45.3	59.9
35	Jagger	KSU	44.6	36.5	35.0	58.8
36	TAM W-101	TAMU	43.5	30.7	31.0	62.0
37	TAM 112	TAMU	43.2	45.5	44.8	60.5
38	Jagalene	AgriPro	40.4	32.9	33.0	60.3

<b>Mean</b>	<b>56.7</b>	<b>51.8</b>	<b>50.9</b>	<b>61.1</b>
<b>CV (%)</b>	<b>8.0</b>			
<b>LSD (5%)</b>	<b>6.2</b>			

\* Experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2008

<sup>‡</sup> yield average for 2010, 2008, and 2007

*Yields were not available for 2009.*

## Uniform Wheat Variety Trial - Grayson County, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010
1	Armour	WestBred	67.0	-	-	59.7
2	TAM 401	TAMU	66.4	63.3	65.5	58.9
3	Doans	AgriPro	66.3	60.2	65.5	63.8
4	Deliver	OSU	65.4	58.5	59.5	61.3
5	Blend 1 (TAM 203 & 304)	TAMU Blend	64.1	-	-	59.1
6	Fannin	AgriPro	64.0	58.8	64.9	63.0
7	TAM 304	TAMU	61.7	60.1	63.9	59.1
8	TAM 203	TAMU	61.4	57.8	57.0	60.6
9	Blend 2 (Fannin + Jackpot)	AgriPro Blend	61.3	-	-	61.2
10	Sturdy 2K	TAMU	61.1	59.2	59.8	60.7
11	TX06A001263*	TAMU	60.6	-	-	61.6
12	Billings	OSU	59.9	-	-	62.2
13	CJ	AgriPro	58.2	-	-	61.4
14	Jackpot	AgriPro	56.6	60.5	64.4	60.4
15	Santa Fe	WestBred	55.8	55.5	59.7	60.6
16	Endurance	OSU	55.2	58.5	61.7	58.8
17	Art	AgriPro	55.0	56.9	-	61.2
18	OK05526*	OSU	54.6	-	-	61.1
19	Shocker	WestBred	54.3	58.7	62.2	61.1
20	Duster	OSU	54.2	58.9	61.7	60.8
21	Greer (AP06T3832)	AgriPro	53.9	57.4	-	58.2
22	Fuller	KSU	53.3	59.1	69.5	61.8
23	Coronado	AgriPro	52.1	47.7	53.4	59.5
24	OK05212*	OSU	50.5	-	-	57.8
25	Pete	OSU	49.9	-	-	61.3
26	2145	KSU	47.7	-	-	57.8
27	TX02A0252*	TAMU	46.5	42.1	-	60.4
28	OK05511*	OSU	46.2	-	-	58.5
29	TX05A001822*	TAMU	45.1	-	-	60.8
30	TAM 112	TAMU	44.1	54.1	58.1	59.2
31	TAM W-101	TAMU	42.5	38.9	41.2	59.7
32	AP06T3621*	AgriPro	42.5	-	-	58.7
33	TAM 111	TAMU	42.4	45.8	51.3	58.6
34	Bullet	OSU	39.9	42.0	48.0	56.9
35	Jagger	KSU	39.4	40.0	44.5	59.6
36	SY Gold (00X00100-51)	AgriPro	39.1	-	-	58.6
37	AP503CL2*	AgriPro	34.0	-	-	59.9
38	Jagalene	AgriPro	29.8	34.9	41.9	60.1

<b>Mean</b>	<b>52.7</b>	<b>53.4</b>	<b>57.7</b>	<b>60.1</b>
<b>CV (%)</b>	<b>7.4</b>			
<b>LSD (5%)</b>	<b>5.4</b>			

\* Experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2008

<sup>‡</sup> yield average for 2010, 2008, and 2007

*Yields were not available for 2009*

## Uniform Wheat Variety Trial - Hillsboro, HRWW 2010 (AgriPro)

2010 Rank	Variety	Source	Grain Yield (bu/ac)		
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>
1	Billings	OSU	59.7	50.4	-
2	Deliver	OSU	55.8	41.3	41.3
3	Armour	WestBred	55.8	-	-
4	TAM 203	TAMU	54.9	44.2	46.3
5	Jackpot	AgriPro	54.2	45.1	46.9
6	Fannin	AgriPro	53.6	46.7	49.1
7	Greer (AP06T3832)	AgriPro	53.2	44.5	49.3
8	Blend 1 (TAM 203 & 304)	TAMU Blend	52.9	-	-
9	Duster	OSU	52.9	46.5	48.9
10	Blend 2 (Fannin + Jackpot)	AgriPro Blend	52.3	-	-
11	Doans	AgriPro	51.6	41.8	44.5
12	Pete	OSU	51.6	38.8	-
13	TAM 111	TAMU	51.0	37.0	36.4
14	TX02A0252*	TAMU	49.4	35.5	38.0
15	Sturdy 2K	TAMU	48.4	41.6	43.2
16	OK05212*	OSU	48.1	-	-
17	TAM W-101	TAMU	48.1	33.7	34.2
18	OK05526*	OSU	47.1	45.3	-
19	OK05511*	OSU	46.8	-	-
20	Art	AgriPro	46.5	44.8	45.9
21	2145	KSU	46.1	-	-
22	Fuller	KSU	46.1	38.6	43.3
23	Endurance	OSU	46.1	31.9	33.0
24	TX06A001263*	TAMU	45.8	-	-
25	Bullet	OSU	45.5	32.4	32.9
26	TAM 304	TAMU	45.5	40.0	45.3
27	Coronado	AgriPro	44.5	37.1	40.8
28	AP503CL2*	AgriPro	43.9	-	-
29	CJ	AgriPro	43.6	-	-
30	Santa Fe	WestBred	42.9	37.1	40.3
31	Shocker	WestBred	40.7	41.2	44.5
32	TAM 401	TAMU	40.3	37.1	42.1
33	TX05A001822*	TAMU	39.4	-	-
34	SY Gold (00X00100-51)	AgriPro	37.8	-	-
35	TAM 112	TAMU	35.5	32.1	33.0
36	Jagger	KSU	32.3	29.2	28.8
37	AP06T3621*	AgriPro	31.0	-	-
38	Jagalene	AgriPro	26.5	22.3	23.8

**Mean      46.5      39.1      40.5**

\* Experimental wheat breeding line      **CV (%)      10.4**

<sup>†</sup> yield average for 2010 and 2009      **LSD (5%)      8.0**

<sup>‡</sup> yield average for 2010, 2009, and 2008

## Uniform Wheat Variety Trial - McGregor, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010
1	Billings	OSU	75.1	80.9	-	61.0
2	TAM 203	TAMU	68.4	75.5	69.3	60.2
3	CJ	AgriPro	67.1	-	-	59.0
4	Armour	WestBred	66.5	-	-	57.9
5	Greer (AP06T3832)	AgriPro	65.8	78.4	75.7	57.1
6	Duster	OSU	64.5	79.7	74.1	60.4
7	OK05526*	OSU	64.3	78.6	-	60.2
8	Blend 2 (Fannin + Jackpot)	AgriPro Blend	64.1	-	-	60.2
9	Sturdy 2K	TAMU	62.0	66.4	61.3	59.8
10	Shocker	WestBred	61.8	69.0	66.7	59.3
11	TAM 304	TAMU	61.7	69.5	66.9	53.9
12	Jackpot	AgriPro	60.4	70.1	69.7	59.0
13	Pete	OSU	60.4	67.7	-	60.7
14	Blend 1 (TAM 203 & 304)	TAMU Blend	59.4	-	-	56.5
15	Doans	AgriPro	58.4	65.1	61.8	62.9
16	Endurance	OSU	58.2	66.6	62.4	58.8
17	TAM 401	TAMU	58.0	64.8	64.2	56.6
18	2145	KSU	57.8	61.3	-	59.5
19	TX06A001263*	TAMU	57.1	-	-	60.5
20	Deliver	OSU	56.5	71.3	66.0	60.8
21	Art	AgriPro	56.0	65.2	66.2	58.7
22	Fannin	AgriPro	55.7	61.6	60.6	61.1
23	OK05511*	OSU	52.0	-	-	59.3
24	TAM 111	TAMU	49.8	55.9	55.1	58.3
25	Fuller	KSU	49.3	64.4	63.9	58.9
26	Coronado	AgriPro	46.1	56.0	55.3	57.4
27	Santa Fe	WestBred	42.5	55.4	57.4	59.3
28	OK05212*	OSU	42.1	-	-	58.6
29	TX02A0252*	TAMU	41.3	56.7	54.3	59.6
30	TX05A001822*	TAMU	40.4	-	-	57.8
31	Bullet	OSU	36.9	45.6	47.9	59.2
32	AP503CL2*	AgriPro	36.6	-	-	58.0
33	TAM 112	TAMU	35.7	55.3	60.2	57.4
34	SY Gold (00X00100-51)	AgriPro	33.6	-	-	54.4
35	AP06T3621*	AgriPro	33.4	-	-	56.6
36	Jagger	KSU	32.6	43.8	45.6	54.6
37	TAM W-101	TAMU	27.6	44.4	44.0	57.4
38	Jagalene	AgriPro	26.2	37.2	39.9	57.8

<b>Mean</b>	<b>53.7</b>	<b>63.2</b>	<b>60.4</b>	<b>58.7</b>
<b>CV (%)</b>	<b>12.1</b>			
<b>LSD (5%)</b>	<b>8.7</b>			

\* Experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2009

<sup>‡</sup> yield average for 2010, 2009, and 2008

### Uniform Wheat Variety Trial - Muenster, HRWW 2010 (AgriPro)

2010 Rank	Variety	Source	Grain Yield (bu/ac)	
			2010	2-Year <sup>†</sup>
1	Billings	OSU	61.1	-
2	TX06A001263*	TAMU	53.4	-
3	Fannin	AgriPro	50.1	61.3
4	Deliver	OSU	49.0	58.6
5	Blend 1 (TAM 203 & 304)	TAMU Blend	47.1	-
6	Duster	OSU	46.4	63.6
7	Doans	AgriPro	44.6	60.1
8	Sturdy 2K	TAMU	44.5	-
9	Blend 2 (Fannin + Jackpot)	AgriPro Blend	44.3	-
10	2145	KSU	43.6	-
11	OK05212*	OSU	43.3	-
12	TX02A0252*	TAMU	42.8	56.3
13	TAM 304	TAMU	42.2	65.8
14	Armour	WestBred	42.1	-
15	Greer (AP06T3832)	AgriPro	42.0	57.9
16	TAM 401	TAMU	42.0	61.6
17	Santa Fe	WestBred	41.6	60.2
18	CJ	AgriPro	40.2	-
19	TAM 203	TAMU	38.9	55.6
20	Pete	OSU	37.4	-
21	Endurance	OSU	37.3	48.0
22	Jackpot	AgriPro	37.2	56.4
23	TX05A001822*	TAMU	36.9	-
24	Coronado	AgriPro	35.4	50.0
25	Fuller	KSU	33.3	55.6
26	Shocker	WestBred	33.0	56.1
27	OK05526*	OSU	32.1	-
28	OK05511*	OSU	31.5	-
29	TAM 111	TAMU	31.2	47.6
30	Art	AgriPro	30.5	47.9
31	TAM 112	TAMU	26.8	48.3
32	TAM W-101	TAMU	23.7	43.4
33	Bullet	OSU	23.7	38.1
34	Jagger	KSU	22.7	37.5
35	AP503CL2*	AgriPro	20.6	-
36	Jagalene	AgriPro	18.4	31.7
37	SY Gold (00X00100-51)	AgriPro	17.7	-
38	AP06T3621*	AgriPro	17.7	-

**Mean 37.0 52.8**

\* Experimental wheat breeding line **CV (%) 10.2**

<sup>†</sup> yield average for 2010 and 2008 **LSD (5%) 6.3**

*Yields were not available for 2009 or 2007.*

## Uniform Wheat Variety Trial - Ellis County, SRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010
1	LA01110D-150*	LSU	86.8	-	-	60.4
2	Coker 9700	AgriPro	85.8	74.6	72.7	61.1
3	GA991209-6E33*	UGA	83.0	-	-	62.6
4	USG 3409	UniSouth Genetics	83.0	-	-	60.8
5	Terrall LA 821	Terrall Seed	81.7	-	-	60.1
6	LA01110D-84-1-C*	LSU	81.4	-	-	60.6
7	Pioneer 25R47	Pioneer	81.1	66.7	69.7	57.9
8	AGS 2035	AgSouth Genetics	80.1	-	-	61.5
9	Terrall TVX8861	Terrall Seed	79.9	-	-	59.7
10	Terrall TV8558	Terrall Seed	79.7	69.5	72.2	60.8
11	Terrall LA 841	Terrall Seed	79.7	74.9	70.4	60.0
12	TAM 304**	TAMU	79.4	69.7	68.0	60.2
13	Arcadia (D05*6441)	AgriPro	79.1	-	-	60.3
14	Coker 9553	AgriPro	78.1	70.1	70.9	61.2
15	USG 3665	UniSouth Genetics	77.7	59.1	-	60.8
16	LA01110D-84-2-C*	LSU	77.5	-	-	60.5
17	Crawford	AgriPro	77.3	63.3	64.2	61.5
18	Pioneer 25R56	Pioneer	77.3	57.9	62.9	58.4
19	USG 3209	UniSouth Genetics	76.8	75.2	75.6	60.3
20	USG 3555	UniSouth Genetics	76.1	73.7	-	60.5
21	AGS 2060	AgSouth Genetics	73.8	-	-	62.7
22	TAMsoft 700	TAMU	73.6	70.1	-	58.8
23	Dyna-Gro Baldwin	Dyna-Gro	73.5	-	-	60.9
24	Dyna-Gro 9012 (WX09602)	Dyna-Gro	73.0	-	-	61.3
25	USG 3350	UniSouth Genetics	72.8	-	-	60.1
26	GA991336-6E9*	UGA	72.4	-	-	61.2
27	USG 3452	UniSouth Genetics	72.1	-	-	59.0
28	USG 3295	UniSouth Genetics	72.0	-	-	60.4
29	HBK 3266	Hornbeck	71.9	69.1	66.5	60.4
30	TAM 203**	TAMU	70.3	60.1	-	60.1
31	GA031238-DH7-7E34*	UGA	70.1	-	-	58.9
32	Terrall TVX8581	Terrall Seed	69.1	-	-	58.8
33	Magnolia	AgriPro	68.8	58.0	61.7	60.7
34	LA01029D-139-3*	LSU	68.2	-	-	61.6
35	Fannin**	AgriPro	66.5	65.5	63.6	63.3
36	Coker 9663	AgriPro	62.4	54.4	52.5	59.0
37	Doans**	AgriPro	60.4	-	-	63.2
38	TAM 303**	TAMU	60.4	-	-	61.2
39	Mason	AgriPro	57.7	44.4	48.1	57.5
40	Jackpot**	AgriPro	57.0	-	-	60.0

**Mean 74.2 65.3 65.6 60.5**

**\*Experimental Lines CV (%) 6.4**

**\*\*Hard wheat varieties LSD (5%) 6.5**

<sup>†</sup> yield average for 2010 and 2008

<sup>‡</sup> yield average for 2010, 2008, and 2007

*Yields were not available for 2009*

## Uniform Wheat Variety Trial - Grayson County, SRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)		
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>
1	LA01110D-150*	LSU	72.8	-	-
2	AGS 2035	AgSouth Genetics	72.6	-	-
3	USG 3295	UniSouth Genetics	72.2	-	-
4	LA01110D-84-1-C*	LSU	71.8	-	-
5	LA01110D-84-2-C*	LSU	69.9	-	-
6	Crawford	AgriPro	68.2	52.9	59.5
7	Coker 9700	AgriPro	66.4	60.3	62.1
8	Fannin**	AgriPro	66.4	51.5	59.1
9	Terrall TVX8861	Terrall Seed	66.0	-	-
10	USG 3555	UniSouth Genetics	66.0	59.7	-
11	Arcadia (D05*6441)	AgriPro	65.3	-	-
12	Coker 9553	AgriPro	65.2	52.9	57.2
13	Terrall LA 841	Terrall Seed	64.9	51.5	56.6
14	Dyna-Gro Baldwin	Dyna-Gro	64.7	-	-
15	Doans**	AgriPro	64.4	-	-
16	Terrall TV8558	Terrall Seed	63.8	57.3	67.7
17	USG 3209	UniSouth Genetics	63.8	54.4	62.5
18	USG 3665	UniSouth Genetics	63.1	-	-
19	GA991209-6E33*	UGA	62.3	-	-
20	TAMsoft 700	TAMU	62.3	54.1	-
21	GA031238-DH7-7E34*	UGA	62.0	-	-
22	USG 3409	UniSouth Genetics	61.5	-	-
23	TAM 203**	TAMU	61.3	52.3	-
24	Dyna-Gro 9012 (WX0960)	Dyna-Gro	60.5	-	-
25	USG 3350	UniSouth Genetics	59.7	59.7	-
26	Pioneer 25R56	Pioneer	59.4	55.9	64.2
27	Terrall TVX8581	Terrall Seed	59.4	-	-
28	Magnolia	AgriPro	58.9	49.8	56.8
29	AGS 2060	AgSouth Genetics	58.4	-	-
30	LA01029D-139-3*	LSU	58.2	-	-
31	Terrall LA 821	Terrall Seed	57.9	-	-
32	TAM 304**	TAMU	56.1	56.5	63.3
33	GA991336-6E9*	UGA	55.1	-	-
34	Pioneer 25R47	Pioneer	54.8	46.9	56.1
35	USG 3452	UniSouth Genetics	54.1	-	-
36	Mason	AgriPro	53.0	50.1	56.9
37	Jackpot**	AgriPro	52.3	-	-
38	TAM 303**	TAMU	50.8	-	-
39	HBK 3266	Hornbeck	50.7	45.3	54.6
40	Coker 9663	AgriPro	45.1	43.1	54.4

**Mean**    **61.5**    **53.0**    **59.4**

**CV (%)**    **6.7**

**LSD (5%)**    **5.6**

\*Experimental Lines

\*\*Hard wheat varieties

<sup>†</sup> yield average for 2010 and 2008

<sup>‡</sup> yield average for 2010, 2008, and 2007

*Yields were not available for 2009*



## Uniform Wheat Variety Trial - Hillsboro, SRWW 2010 (AgriPro)

2010 Rank	Variety	Source	Grain Yield (bu/ac)		
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>
1	LA01110D-150*	LSU	68.7	-	-
2	USG 3665	UniSouth Genetics	65.8	-	-
3	Terrall TVX8861	Terrall Seed	65.5	-	-
4	Dyna-Gro Baldwin	Dyna-Gro	65.5	-	-
5	USG 3555	UniSouth Genetics	63.9	-	-
6	Dyna-Gro 9012 (WX09602)	Dyna-Gro	63.2	-	-
7	Terrall LA 841	Terrall Seed	62.9	59.3	60.3
8	Coker 9553	AgriPro	62.9	52.5	53.4
9	AGS 2035	AgSouth Genetics	61.6	52.1	-
10	USG 3350	UniSouth Genetics	61.3	-	-
11	Pioneer 25R47	Pioneer	61.3	47.2	53.1
12	USG 3409	UniSouth Genetics	61.3	-	-
13	GA991209-6E33*	UGA	60.7	54.0	-
14	LA01110D-84-2-C*	LSU	60.7	-	-
15	Fannin**	AgriPro	60.0	49.4	50.7
16	Terrall TV8558	Terrall Seed	59.7	55.8	56.0
17	Pioneer 25R56	Pioneer	59.1	49.0	50.6
18	Coker 9700	AgriPro	58.4	47.5	52.0
19	LA01110D-84-1-C*	LSU	58.1	-	-
20	Arcadia (D05*6441)	AgriPro	57.8	49.1	-
21	USG 3209	UniSouth Genetics	57.8	57.6	60.7
22	Crawford	AgriPro	56.8	48.6	52.5
23	USG 3295	UniSouth Genetics	56.8	50.0	-
24	Terrall LA 821	Terrall Seed	56.1	-	-
25	Terrall TVX8581	Terrall Seed	56.1	-	-
26	TAMsoft 700	TAMU	54.9	46.4	51.7
27	LA01029D-139-3*	LSU	54.5	-	-
28	Magnolia	AgriPro	54.2	46.6	50.5
29	TAM 203**	TAMU	53.2	43.6	46.1
30	GA991336-6E9*	UGA	52.6	48.5	-
31	Doans**	AgriPro	52.6	46.2	-
32	USG 3452	UniSouth Genetics	52.6	-	-
33	TAM 303**	TAMU	52.3	-	-
34	TAM 304**	TAMU	52.0	46.3	51.2
35	AGS 2060	AgSouth Genetics	50.7	47.7	-
36	Jackpot**	AgriPro	46.5	37.8	-
37	Mason	AgriPro	44.2	-	-
38	GA031238-DH7-7E34*	UGA	43.9	-	-
39	HBK 3266	Hornbeck	42.6	39.8	45.2
40	Coker 9663	AgriPro	39.4	31.9	38.6

**Mean 56.7 48.1 51.5**

**CV (%) 8.3**

**LSD (5%) 7.6**

\*Experimental Lines

\*\*Hard wheat varieties

<sup>†</sup> yield average for 2010 and 2009

<sup>‡</sup> yield average for 2010, 2009, and 2008

## Uniform Wheat Variety Trial - Howe, SRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010
1	Pioneer 25R47	Pioneer	74.2	69.6	75.4	56.2
2	USG 3295	UniSouth Genetics	73.7	72.6	77.6	59.6
3	USG 3251	UniSouth Genetics	73.3	-	-	57.0
4	Pioneer 25R57	Pioneer	72.2	65.2	68.6	58.2
5	USG 3438	UniSouth Genetics	72.0	-	-	56.6
6	USG 3201	UniSouth Genetics	71.6	-	-	59.2
7	USG 3555	UniSouth Genetics	71.1	72.0	-	57.8
8	Oakes	AgriPro	70.3	67.8	-	60.3
9	LA 821	Terrall Seed	69.8	-	-	59.1
10	LA 841	Terrall Seed	69.1	65.8	70.0	58.7
11	TAMsoft 700	TAMU	68.9	63.0	-	58.0
12	Magnolia	AgriPro	67.0	63.7	70.7	57.8
13	Coker 9553	AgriPro	65.7	67.1	68.0	60.5
14	USG 3665	UniSouth Genetics	65.5	67.2	68.5	55.6
15	Arcadia	AgriPro	65.4	-	-	59.1
16	HBK 3266	Hornbeck	63.8	63.9	66.6	59.2
17	TV 8558	Terrall Seed	63.6	63.3	65.6	55.3
18	Pioneer 25R56	Pioneer	63.3	63.1	68.1	55.1
19	USG 3315	UniSouth Genetics	61.5	-	-	58.2
20	Coker 9312	AgriPro	61.3	-	-	57.3

**Mean 68.2 66.5 69.9 57.9**

**CV (%) 7.3**

**LSD (5%) 5.7**

<sup>†</sup> yield average for 2010 and 2009

<sup>‡</sup> yield average for 2010, 2009, and 2008

## Uniform Wheat Variety Trial - Howe, SRWW vs. HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)	
			2010	2-Year <sup>†</sup>	2010	
1	Pioneer 25R47	Pioneer	70.8	68.4	56.7	
2	Jackpot**	AgriPro	68.7	65.8	61.5	
3	Coker 9553	AgriPro	65.8	66.8	61.1	
4	TAM 304**	TAMU	65.7	62.2	58.9	
5	TAM 401**	TAMU	65.5	60.3	58.7	
6	USG 3295	UniSouth Genetics	64.6	68.3	59.8	
7	Pioneer 25R57	Pioneer	62.7	62.4	58.6	
8	LA 841	Terrall Seed	62.0	62.9	58.9	
9	USG 3555	UniSouth Genetics	61.4	-	57.8	
10	Magnolia	AgriPro	61.0	65.0	58.1	
11	TAM 203**	TAMU	60.0	57.7	60.3	
12	Fannin**	AgriPro	59.8	60.0	62.3	
13	TX05A001822***	TAMU	59.5	-	61.9	
			<b>Mean</b>	<b>63.7</b>	<b>63.6</b>	<b>59.6</b>
"Experimental Lines			<b>CV (%)</b>	<b>6.6</b>		
**Hard Wheat Varieties			<b>LSD (5%)</b>	<b>4.9</b>		
† yield average for 2010 and 2009						

## Uniform Wheat Variety Trial - McGregor, SRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010
1	Coker 9553	AgriPro	93.0	88.5	83.0	61.4
2	USG 3409	UniSouth Genetics	88.4	-	-	60.4
3	USG 3555	UniSouth Genetics	86.1	76.0 <sup>1</sup>	-	59.7
4	Terrall TV8558	Terrall Seed	82.3	88.1	84.9	60.4
5	Terrall TVX8861	Terrall Seed	82.1	-	-	59.8
6	AGS 2035	AgSouth Genetics	80.6	86.5	-	60.2
7	USG 3295	UniSouth Genetics	79.5	91.4	-	59.6
8	Pioneer 25R56	Pioneer	78.7	75.6	71.6	57.6
9	USG 3209	UniSouth Genetics	78.0	83.1	81.3	59.1
10	USG 3665	UniSouth Genetics	77.8	-	-	60.6
11	Pioneer 25R47	Pioneer	76.5	80.7	74.8	57.2
12	LA01110D-150*	LSU	75.8	-	72.8	59.9
13	TAMsoft 700	TAMU	74.3	80.0	72.2	58.8
14	Terrall TVX8581	Terrall Seed	73.0	-	-	58.7
15	Coker 9700	AgriPro	72.8	83.9	76.2	60.9
16	GA991209-6E33*	UGA	72.2	82.3	-	60.3
17	Dyna-Gro 9012 (WX0960)	Dyna-Gro	72.2	-	-	59.5
18	LA01110D-84-1-C*	LSU	71.2	-	-	60.6
19	USG 3452	UniSouth Genetics	71.2	-	-	58.3
20	GA991336-6E9*	UGA	70.9	79.6	-	59.2
21	USG 3350	UniSouth Genetics	70.3	-	-	59.6
22	Dyna-Gro Baldwin	Dyna-Gro	70.2	81.9	-	59.4
23	Terrall LA 841	Terrall Seed	70.0	87.3	-	59.3
24	LA01110D-84-2-C*	LSU	69.0	-	-	60.2
25	TAM 203**	TAMU	67.4	71.7	68.1	60.5
26	Fannin**	AgriPro	65.2	76.8	71.4	62.3
27	HBK 3266	Hornbeck	64.6	77.8	75.1	60.1
28	TAM 303**	TAMU	61.9	-	-	59.0
29	Arcadia (D05*6441)	AgriPro	61.7	77.7	-	58.6
30	AGS 2060	AgSouth Genetics	61.2	79.4	-	62.7
31	TAM 304**	TAMU	60.9	70.6	69.3	54.4
32	Doans**	AgriPro	59.9	-	-	63.4
33	Magnolia	AgriPro	59.4	71.9	70.4	57.7
34	GA031238-DH7-7E34*	UGA	58.8	-	-	57.3
35	LA01029D-139-3*	LSU	58.6	-	-	58.1
36	Terrall LA 821	Terrall Seed	57.5	-	-	57.7
37	Jackpot**	AgriPro	53.5	66.1	-	59.4
38	Crawford	AgriPro	52.9	63.5	58.4	59.1
39	Mason	AgriPro	50.1	52.7 <sup>1</sup>	-	56.6
40	Coker 9663	AgriPro	49.9	56.6	55.5	59.4

**Mean 69.5 78.3 72.3 59.4**

**\*Experimental Lines CV (%) 10.7**

**\*\*Hard wheat varieties LSD (5%) 10.1**

<sup>†</sup> yield average for 2010 and 2009

<sup>‡</sup> yield average for 2010, 2009, and 2008

<sup>1</sup> yield average for 2010 and 2008

## Uniform Wheat Variety Trial - Muenster, SRWW 2010 (AgriPro)

2010 Rank	Variety	Source	Grain Yield (bu/ac)	
			2010	2-Year †
1	USG 3555	UniSouth Genetics	63.7	63.9
2	LA 841	Terrall Seed	63.3	70.5
3	USG 3295	UniSouth Genetics	62.6	-
4	USG 3350	UniSouth Genetics	60.0	-
5	Baldwin	UGA	59.7	-
6	LA01110D-150*		59.1	-
7	Arcadia	AgriPro	59.0	-
8	LA01110D-84-2-C*		58.6	-
9	Coker 9700	AgriPro	57.1	66.8
10	AGS 2035	AgSouth Genetics	56.5	-
11	Coker 9553	AgriPro	55.9	62.9
12	Doans**	AgriPro	55.8	-
13	USG 3209	UniSouth Genetics	54.7	64.8
14	LA01110D-84-1-C*		54.2	-
15	Fannin**	AgriPro	53.8	60.8
16	LA 821	Terrall Seed	53.6	-
17	AGS 2060	AgSouth Genetics	50.1	-
18	Magnolia	AgriPro	50.0	60.8
19	TVX8861	Terrall Seed	49.9	-
20	USG 3665	UniSouth Genetics	49.6	-
21	USG 3409	UniSouth Genetics	49.1	-
22	GA991209-6E33*	UGA	49.1	-
23	Pioneer 25R47	Pioneer	48.8	53.9
24	TAM 304**	TAMU	47.0	68.6
25	WX09602*		46.7	-
26	Crawford	AgriPro	46.6	58.9
27	TV 8558	Terrall Seed	46.3	59.8
28	TAMsoft 700	TAMU	46.1	65.5
29	Pioneer 25R56	Pioneer	45.8	54.7
30	TAM 203**	TAMU	45.4	64.7
31	TVX8551	Terrall Seed	45.0	-
32	USG 3452	UniSouth Genetics	44.8	-
33	GA031238-DH7-7E34*	UGA	44.8	-
34	LA01029D-139-3*		43.8	-
35	GA991336-6E9*	UGA	43.3	-
36	Mason	AgriPro	43.0	49.7
37	HBK 3266	Hornbeck	42.2	55.1
38	TAM 303**	TAMU	40.9	-
39	Coker 9663	AgriPro	37.0	35.6
40	Jackpot**	AgriPro	36.8	-

**Mean      50.5      59.8**

**CV (%)      6.2**

**LSD (5%)      5.1**

\*Experimental Lines

\*\*Hard wheat varieties

† yield average for 2010 and 2008

### Uniform Wheat Variety Trial - Royse City, SRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	2010
1	LA 841	Terrall Seed	86.4	85.9	58.3
2	Pioneer 25R47	Pioneer	84.2	82.8	56.4
3	USG 3295	UniSouth Genetics	83.9	83.2	59.1
4	Oakes	AgriPro	80.7	82.3	59.2
5	TV 8558	Terrall Seed	79.5	77.3	57.7
6	Arcadia	AgriPro	78.3	-	59.3
7	Magnolia	Pioneer	78.2	87.3	59.1
8	TAMsoft 700	TAMU	75.3	77.8	57.5
9	USG 3438	UniSouth Genetics	75.3	-	57.2
10	USG 3251	UniSouth Genetics	75.0	-	57.0
11	Coker 9553	AgriPro	74.8	78.4	60.3
12	USG 3665	UniSouth Genetics	74.7	76.6	57.0
13	Pioneer 25R56	Pioneer	74.7	73.1	56.9
14	Pioneer 25R57	Pioneer	74.2	78.2	57.8
15	USG 3201	UniSouth Genetics	73.9	-	60.1
16	USG 3555	UniSouth Genetics	70.2	85.3	58.6
17	LA 821	Terrall Seed	68.6	-	58.5
18	USG 3315	UniSouth Genetics	66.4	-	59.0
19	HBK 3266	Hornbeck	61.6	72.3	58.3
20	Coker 9312	AgriPro	45.8	-	56.9

	<b>Mean</b>	<b>74.1</b>	<b>80.0</b>	<b>58.2</b>
*Experimental Lines	<b>CV (%)</b>	<b>8.2</b>		
<sup>†</sup> yield average for 2010 and 2009	<b>LSD (5%)</b>	<b>7.0</b>		

## Uniform Wheat Variety Trial - Royse City, SRWW vs. HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)	
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010	
1	Pioneer 25R57	Pioneer	81.2	77.8	-	58.5	
2	USG 3295	UniSouth Genetics	81.1	82.7	-	59.4	
3	LA 841	Terrall Seed	80.6	83.2	79.2	58.8	
4	Coker 9553	AgriPro	80.4	77.9	75.7	60.7	
5	USG 3555	UniSouth Genetics	80.2	-	-	59.4	
6	Magnolia	AgriPro	79.0	82.0	78.8	59.3	
7	Pioneer 25R47	Pioneer	77.4	79.9	78.9	56.8	
8	Fannin**	AgriPro	75.7	77.9	73.9	63.2	
9	TAM 401**	TAMU	75.2	76.5	-	59.7	
10	TAM 203**	TAMU	73.6	70.5	73.9	59.7	
11	TAM 304**	TAMU	70.7	73.5	72.9	58.6	
12	Jackpot**	AgriPro	66.8	73.3	-	59.7	
13	TX05A001822***	TAMU	50.8	-	-	59.2	
			<b>Mean</b>	<b>74.8</b>	<b>77.7</b>	<b>76.2</b>	<b>59.5</b>
"Experimental Lines			<b>CV (%)</b>	<b>8.8</b>			
**Hard Wheat Varieties			<b>LSD (5%)</b>	<b>7.6</b>			

<sup>†</sup> yield average for 2010 and 2009

<sup>‡</sup> yield average for 2010, 2009, and 2008

# High Plains Location Details and Issues

Location <sup>1</sup>	Yield Limiting Issues	Planting Date	Water*	Seeding Rate	Pesticide Applied	Date Applied
				lb/a		
<b>Bushland</b>	Slight BYDV <sup>2</sup> /stunting Heat stress	11/2/2009	D	48	2,4-D + Finesse Starane + Affinity	3/30/10 4/27/10
<b>Bushland</b>	Slight BYDV/stunting; Heat stress	11/6/2009	IF	86	2,4-D + Finesse	3/30/10
<b>Canadian</b>	Variability due to Grass in plots	10/2/2009	D	35	None	--
<b>Castro Co.</b>	Late Planted	10/19/2009	IF	72	None	--
<b>Clovis</b>	None	10/7/2009	D	35	Weedone + Affinity Broad Spec + Lorsban	3/4/2010
<b>Clovis</b>	None	10/13/2009	IF	72	Weedone + Affinity Broad Spec + Lorsban	3/4/2010
<b>Etter</b>	Rain delayed harvest; Slight hail	11/10/2009	D	44	Finesse + Starane	4/27/10
<b>Etter</b>	Rain delayed harvest; Slight hail	11/10/2009	IL	62	Finesse + Starane	4/27/10
<b>Floyd Co.</b>	Slow emergence – no till conditions <b>Data Not Shown</b>	11/10/2009	IL	75	None	--
<b>Gaines Co.</b>	Industrial pipeline interference <b>Data Not Shown</b>	11/10/2009	IL	70	None	--
<b>Hereford</b>	None	9/25/2009	D	35	None	--
<b>Perryton (AgriPro)</b>	Rain delayed harvest	11/03/2009	D	60	Cooperator applied	--
<b>Perryton (AgriPro)</b>	Rain delayed harvest, Bindweed	11/03/2009	IF	60	Cooperator applied	--
<b>Silverton</b>	Poor tillering; Wildlife damage <b>Data Not Shown</b>	9/28/2009	D	35	None	--

<sup>1</sup>All locations were conventionally tilled except for **Floyd Co.**

<sup>2</sup>BYDV – Barley Yellow Dwarf Virus

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



## Uniform Wheat Variety Trial - Bushland - Dryland, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010
1	CJ	AgriPro	43.4	-	-	59.5
2	OK05526*	OSU	43.0	30.1	-	58.9
3	Jackpot	AgriPro	42.1	28.5	23.6	60.2
4	Duster	OSU	42.1	31.8	25.3	58.9
5	OK05212*	OSU	40.6	-	-	59.4
6	TAM 304	TAMU	40.4	27.7	23.3	56.7
7	TAM 112	TAMU	40.0	30.1	27.0	58.2
8	Billings	OSU	40.0	28.2	-	58.0
9	Endurance	OSU	39.6	29.4	24.2	57.5
10	Winterhawk	WestBred	39.2	-	-	59.2
11	SY Gold (00X00100-51)	AgriPro	38.6	-	-	56.9
12	TX06A001263*	TAMU	38.0	-	-	58.9
13	Jagalene	AgriPro	37.8	28.5	22.5	60.8
14	OK05511*	OSU	37.8	-	-	58.7
15	TX05A001822*	TAMU	37.1	-	-	58.7
16	Santa Fe	WestBred	36.7	26.1	22.1	58.2
17	Armour	WestBred	36.5	26.0	-	56.5
18	TX02A0252*	TAMU	36.3	27.3	22.4	60.3
19	TAM 111	TAMU	36.2	27.6	22.9	58.0
20	Dumas	AgriPro	36.2	25.9	19.6	57.8
21	Pete	OSU	35.8	-	-	59.6
22	AP503CL*	AgriPro	35.7	-	-	60.6
23	T197	Trio Seed Research	35.0	-	-	56.3
24	TAM 203	TAMU	35.0	24.9	19.2	56.1
25	Bill Brown	CSU	34.8	27.8	-	58.2
26	Hatcher	CSU	34.5	27.2	22.8	58.2
27	T136	Trio Seed Research	34.5	24.9	-	57.5
28	Jagger	KSU	34.0	25.8	21.4	56.9
29	TAM W-101	TAMU	33.5	24.8	20.9	58.7
30	T81	Trio Seed Research	33.4	25.4	20.7	58.5
31	Art	AgriPro	33.3	22.1	18.2	58.2
32	AP06T3621*	AgriPro	33.2	-	-	57.3
33	Greer	AgriPro	33.2	25.2	20.4	54.5
34	Fuller	KSU	33.1	24.4	22.1	58.0
35	Shocker	WestBred	33.1	22.7	19.1	56.5
36	Doans	AgriPro	31.3	22.2	17.4	59.7
37	Fannin	AgriPro	31.0	22.8	18.2	60.2
38	TAM 401	TAMU	30.8	21.6	18.0	55.7
39	Bullet	OSU	30.2	22.3	19.4	59.4
40	Mace	UNL	26.4	-	-	57.7

	<b>Mean</b>	<b>36.1</b>	<b>26.1</b>	<b>21.3</b>	<b>58.2</b>
	<b>CV (%)</b>	<b>5.9</b>			
	<b>LSD (5%)</b>	<b>3.5</b>			
* Experimental wheat breeding line					
<sup>†</sup> yield average for 2010 and 2009					
<sup>‡</sup> yield average for 2010, 2009, and 2008					

## Uniform Wheat Variety Trial - Bushland - Irrigated, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year †	3-Year ‡	2010
1	TAM 304	TAMU	91.8	67.2	53.2	60.8
2	Armour	WestBred	90.7	69.7	-	61.0
3	Billings	OSU	90.6	73.4	-	62.7
4	Greer	AgriPro	88.3	64.5	51.3	59.8
5	TAM 111	TAMU	88.1	75.0	58.4	62.7
6	Bill Brown	CSU	87.2	74.6	-	62.6
7	TAM 203	TAMU	86.7	67.5	53.9	60.4
8	TX02A0252*	TAMU	86.0	75.3	59.2	62.5
9	OK05212*	OSU	85.5	-	-	62.2
10	TX06A001263*	TAMU	85.5	-	-	62.1
11	TAM 112	TAMU	85.0	64.5	53.4	62.1
12	Duster	OSU	84.3	70.2	54.2	62.5
13	Hatcher	CSU	83.2	76.9	60.7	62.7
14	Fuller	KSU	83.0	62.7	51.4	62.1
15	Dumas	AgriPro	82.1	64.4	49.2	63.0
16	Winterhawk	WestBred	82.1	-	-	62.5
17	TX05A001822*	TAMU	81.1	-	-	61.9
18	Endurance	OSU	80.6	66.4	52.6	61.9
19	Jackpot	AgriPro	80.5	63.9	51.7	62.5
20	Mace	UNL	80.3	-	-	60.8
21	Santa Fe	WestBred	80.0	61.4	51.2	62.0
22	AP503CL*	AgriPro	78.9	-	-	62.4
23	Art	AgriPro	78.6	60.7	47.4	61.9
24	Shocker	WestBred	78.6	55.5	46.1	60.8
25	SY Gold (00X00100-51)	AgriPro	78.2	-	-	60.8
26	OK05526*	OSU	78.0	64.9	-	62.4
27	Doans	AgriPro	77.7	60.0	48.0	62.6
28	OK05511*	OSU	76.9	-	-	62.1
29	T136	Trio Seed Research	76.9	64.9	-	61.6
30	TAM W-101	TAMU	76.3	58.0	46.7	62.4
31	T197	Trio Seed Research	75.7	-	-	61.3
32	T81	Trio Seed Research	75.4	67.5	52.9	62.7
33	Jagger	KSU	74.7	61.5	49.2	60.6
34	Jagalene	AgriPro	74.2	61.1	47.8	62.8
35	Pete	OSU	72.3	-	-	63.0
36	TAM 401	TAMU	72.3	58.9	46.3	59.6
37	AP06T3621*	AgriPro	71.0	-	-	61.1
38	CJ	AgriPro	70.1	-	-	62.3
39	Bullet	OSU	69.6	57.9	45.9	62.3
40	Fannin	AgriPro	68.8	53.6	41.9	62.1

**Mean 80.2 65.1 51.0 61.9**

**CV (%) 4.7**

**LSD (5%) 6.2**

\* Experimental wheat breeding line

† yield average for 2010 and 2009

‡ yield average for 2010, 2009, and 2008

## Uniform Wheat Variety Trial - Canadian - Dryland, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)	Protein %
			2010	2-Year <sup>†</sup>	2010	2010
1	Winterhawk	WestBred	56.1	-	60.7	13.1
2	SY Gold (00X00100-51)	AgriPro	51.6	-	57.6	13.5
3	TX05A001822*	TAMU	51.4	-	59.7	14.0
4	TAM W-101	TAMU	48.4	55.1	58.8	14.6
5	Duster	OSU	47.7	60.9	58.1	13.3
6	Endurance	OSU	45.6	57.5	58.6	13.1
7	Greer	AgriPro	43.7	57.0	56.0	13.9
8	TX02A0252*	TAMU	43.0	60.3	57.6	12.9
9	OK05212*	OSU	42.4	-	54.3	14.4
10	OK05511*	OSU	41.0	-	58.8	13.0
11	TAM 304	TAMU	40.9	61.2	56.2	13.5
12	Jagger	KSU	40.6	49.6	56.7	14.7
13	T197	Trio Seed Research	40.4	-	56.2	14.1
14	OK05526*	OSU	39.8	-	59.7	14.2
15	TAM 203	TAMU	39.8	52.1	57.4	14.8
16	TAM 112	TAMU	39.5	54.3	59.5	13.5
17	TAM 111	TAMU	39.2	56.3	57.6	13.7
18	Fuller	KSU	38.4	57.3	57.1	13.7
19	Hatcher	CSU	38.2	54.8	58.6	13.1
20	AP503CL*	AgriPro	37.9	-	57.6	13.4
20	Shocker	WestBred	37.9	46.9	57.6	14.4
21	CJ	AgriPro	37.8	-	57.1	13.6
22	Armour	WestBred	37.8	-	56.4	13.9
23	Bullet	OSU	37.3	55.9	59.0	14.0
24	Fannin	AgriPro	37.1	49.3	59.7	14.4
25	T81	Trio Seed Research	36.8	54.2	58.3	13.8
26	TX06A001263*	TAMU	36.7	-	57.4	13.6
27	Jagalene	AgriPro	35.9	52.4	57.4	13.0
28	Pete	OSU	35.8	-	58.1	13.5
29	Mace	UNL	35.5	-	56.9	13.8
30	Doans	AgriPro	34.8	48.2	59.7	13.8
31	T136	Trio Seed Research	34.8	-	58.6	12.7
32	Dumas	AgriPro	34.3	52.1	58.6	13.5
33	Santa Fe	WestBred	32.8	49.0	57.1	14.5
34	Billings	OSU	32.6	-	57.1	14.2
35	Bill Brown	CSU	32.3	-	58.6	13.5
36	Art	AgriPro	32.2	52.0	56.4	15.7
37	Jackpot	AgriPro	31.5	49.6	56.9	13.0
38	AP06T3621*	AgriPro	31.3	-	56.0	13.8
39	TAM 401	TAMU	28.3	46.2	54.8	14.7

**Mean 39.0 53.6 57.7 13.8**

\* Experimental wheat breeding line

**CV (%) 19.7**

<sup>†</sup> yield average for 2010 and 2008

**LSD (5%) 12.5**

*Yield data was not available prior to 2008.*

Note to user: High CV suggests caution in using this data set alone.

## Uniform Wheat Variety Trial - Castro Co. - Irrigated, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)	Protien %
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010	2010
1	TAM 111	TAMU	62.3	46.1	66.6	58.6	11.1
2	Dumas	AgriPro	62.1	47.4	65.8	60.4	11.4
3	Greer	AgriPro	61.7	45.3	-	56.4	12.3
4	Jagalene	AgriPro	60.8	47.2	64.1	57.6	11.4
5	TX06A001263*	TAMU	60.5	-	-	59.0	11.4
6	Jackpot	AgriPro	60.5	46.7	59.8	58.8	11.8
7	TAM 304	TAMU	59.9	47.3	65.6	55.0	11.4
8	OK05511*	OSU	59.4	-	-	55.0	11.6
9	TX05A001822*	TAMU	59.3	-	-	58.8	11.6
10	TAM 112	TAMU	58.8	48.0	53.2	59.3	11.6
11	TAM 203	TAMU	58.7	45.2	65.0	56.0	12.1
12	Shocker	WestBred	58.4	48.0	67.0	59.0	12.9
13	Armour	WestBred	58.4	-	-	56.7	11.5
14	Billings	OSU	58.2	-	-	60.0	12.1
15	Duster	OSU	58.1	45.3	60.4	58.6	11.2
16	Santa Fe	WestBred	57.7	43.4	60.9	58.8	12.3
17	OK05212*	OSU	57.4	-	-	56.9	12.1
18	CJ	AgriPro	57.1	-	-	59.3	11.4
19	TAM 401	TAMU	56.0	42.7	62.0	56.0	11.7
20	AP06T3621*	AgriPro	55.3	-	-	57.6	11.5
21	Doans	AgriPro	55.1	43.3	60.0	60.0	12.1
22	Art	AgriPro	54.6	41.1	-	58.3	11.9
23	SY Gold (00X00100-51)	AgriPro	53.8	-	-	57.9	11.5
24	Mace	UNL	53.3	-	-	56.7	11.2
25	OK05526*	OSU	53.1	-	-	58.1	12.8
26	Hatcher	CSU	52.9	44.2	55.1	58.8	11.2
27	Endurance	OSU	52.7	45.1	61.3	56.0	10.7
28	TAM W-101	TAMU	52.1	45.0	53.7	57.9	12.9
29	Fannin	AgriPro	52.0	42.0	54.2	59.0	12.4
30	T197	Trio Seed Research	52.0	-	-	58.6	12.4
31	Fuller	KSU	51.9	39.9	60.8	58.8	11.8
32	Winterhawk	WestBred	51.8	-	-	59.3	10.5
33	T81	Trio Seed Research	50.7	38.7	61.5	57.6	12.3
34	Bill Brown	CSU	50.2	-	-	58.8	10.5
35	Jagger	KSU	49.7	39.3	51.5	56.7	12.4
36	T136	Trio Seed Research	47.3	-	-	57.4	11.7
37	Bullet	OSU	46.1	37.0	57.1	58.8	11.8
38	TX02A0252*	TAMU	45.3	37.3	-	57.9	11.7
39	AP503CL*	AgriPro	39.4	-	-	57.4	12.3
40	Pete	OSU	35.9	-	-	57.9	12.2

<b>Mean</b>	<b>54.5</b>	<b>43.7</b>	<b>60.3</b>	<b>58.0</b>	<b>11.8</b>
<b>CV (%)</b>	<b>11.6</b>				
<b>LSD (5%)</b>	<b>10.3</b>				

\* Experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2008

<sup>‡</sup> yield average for 2010, 2008, and 2007

*Yields were not available for 2009*

## Uniform Wheat Variety Trial - Clovis - Dryland, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	2010
1	Bill Brown	CSU	75.6	-	59.1
2	Winterhawk	WestBred	73.3	-	60.0
3	TX02A0252*	TAMU	72.6	-	60.7
4	TAM 112	TAMU	72.6	75.8	59.3
5	Duster	OSU	72.4	70.1	57.3
6	TAM 111	TAMU	71.9	72.1	59.9
7	Hatcher	CSU	71.4	75.9	57.4
8	TAM 304	TAMU	70.5	69.1	58.3
9	SY Gold (00X00100-51)	AgriPro	69.8	-	58.9
10	Fuller	KSU	68.4	70.4	59.1
11	AP503CL*	AgriPro	68.3	-	59.5
12	Endurance	OSU	68.1	68.4	58.9
13	OK05511*	OSU	67.4	-	58.8
14	TAM 203	TAMU	67.3	68.3	55.7
15	Greer	AgriPro	66.9	-	56.5
16	OK05212*	OSU	66.5	-	57.4
17	Billings	OSU	64.6	-	59.5
18	Armour	WestBred	64.6	-	58.2
19	Jagalene	AgriPro	63.4	69.2	58.8
20	AP06T3621*	AgriPro	63.0	-	59.1
21	TX06A001263*	TAMU	62.6	-	58.2
22	TX05A001822*	TAMU	62.5	-	58.6
23	T197	Trio Seed Research	62.3	-	57.7
24	T136	Trio Seed Research	61.6	-	58.2
25	Santa Fe	WestBred	60.5	65.6	57.8
26	T81	Trio Seed Research	60.3	62.7	59.8
27	Mace	UNL	59.8	-	58.0
28	Doans	AgriPro	59.1	61.0	59.8
29	Jagger	KSU	59.1	66.8	58.4
30	Pete	OSU	58.5	-	56.9
31	Bullet	OSU	57.2	61.8	59.6
32	Dumas	AgriPro	56.7	65.2	58.2
33	OK05526*	OSU	55.9	-	58.4
34	Art	AgriPro	55.5	-	58.0
35	TAM W-101	TAMU	55.2	54.3	57.8
36	CJ	AgriPro	53.6	-	60.0
37	Jackpot	AgriPro	52.1	60.4	58.1
38	TAM 401	TAMU	51.5	56.5	54.3
39	Shocker	WestBred	48.8	58.7	55.6
40	Fannin	AgriPro	48.3	57.2	58.1

**Mean 63.4 65.9 58.3**

**CV (%) 5.4**

**LSD (5%) 5.5**

\* experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2007

<sup>‡</sup> yield average for 2005, 2006, and 2007

*Yields were not available for 2009 or 2008.*

## Uniform Wheat Variety Trial - Clovis - Irrigated, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	2010
1	TAM 111	TAMU	118.1	105.8	62.2
2	Billings	OSU	114.9	-	61.4
3	Bill Brown	CSU	108.5	-	58.3
4	Winterhawk	WestBred	107.3	-	59.3
5	Duster	OSU	107.2	98.0	59.7
6	TAM 203	TAMU	106.2	89.6	55.6
7	TAM 112	TAMU	105.3	84.5	61.0
8	Hatcher	CSU	105.3	87.7	58.1
9	Art	AgriPro	105.0	-	59.6
10	Jagalene	AgriPro	103.8	82.8	59.5
11	SY Gold (00X00100-51)	AgriPro	102.6	-	61.0
12	AP503CL*	AgriPro	101.6	-	60.6
13	TAM 304	TAMU	100.3	97.7	58.9
14	Fuller	KSU	99.6	94.6	59.5
15	Armour	WestBred	99.1	-	58.9
16	OK05212*	OSU	98.2	-	59.5
17	Greer	AgriPro	97.6	-	56.9
18	Mace	UNL	97.5	-	57.3
19	T197	Trio Seed Research	96.4	-	58.8
20	TX02A0252*	TAMU	96.3	-	59.6
21	OK05511*	OSU	96.2	-	60.1
22	T136	Trio Seed Research	95.2	-	58.3
23	Doans	AgriPro	94.6	88.0	60.0
24	TX06A001263*	TAMU	94.0	-	58.5
25	Santa Fe	WestBred	93.9	85.5	59.0
26	Endurance	OSU	93.9	88.2	58.5
27	Pete	OSU	92.8	-	57.7
28	TX05A001822*	TAMU	92.4	-	59.0
29	T81	Trio Seed Research	92.1	93.0	60.0
30	Bullet	OSU	91.4	91.3	61.8
31	TAM W-101	TAMU	91.4	76.3	60.2
32	AP06T3621*	AgriPro	90.2	-	58.6
33	Jagger	KSU	88.7	74.6	59.6
34	Jackpot	AgriPro	87.3	85.3	58.1
35	Dumas	AgriPro	87.2	88.8	59.1
36	OK05526*	OSU	85.9	-	58.5
37	Shocker	WestBred	84.2	91.8	58.9
38	TAM 401	TAMU	83.1	83.3	55.1
39	CJ	AgriPro	82.7	-	58.7
40	Fannin	AgriPro	74.3	72.8	59.2

**Mean 96.6 88.0 59.1**

\* experimental wheat breeding line

**CV (%) 4.6**

<sup>†</sup> yield average for 2010 and 2007

**LSD (5%) 7.2**

<sup>‡</sup> yield average for 2005, 2006, and 2007

*Yields were not available for 2009 or 2008.*

## Uniform Wheat Variety Trial - Etter - Dryland, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	
1	OK05511*	OSU	54.3	-	-	
2	Armour	WestBred	53.5	35.4	-	
3	Jackpot	AgriPro	52.9	35.1	40.2	
4	TAM 111	TAMU	51.0	35.0	42.8	
5	T197	Trio Seed Research	50.2	-	-	
5	Hatcher	CSU	50.2	36.7	43.1	
5	OK05212*	OSU	50.2	-	-	
6	OK05526*	OSU	50.0	34.1	-	
7	Santa Fe	WestBred	49.5	32.7	39.5	
8	T81	Trio Seed Research	49.1	31.6	39.1	
9	Winterhawk	WestBred	48.6	-	-	
10	Shocker	WestBred	48.2	30.7	35.0	
11	SY Gold (00X00100-51)	AgriPro	48.1	-	-	
12	Billings	OSU	47.7	32.5	-	
13	Mace	UNL	47.5	-	-	
13	CJ	AgriPro	47.5	-	-	
14	Fuller	KSU	47.4	29.6	38.5	
15	Greer	AgriPro	47.0	29.7	-	
16	Bullet	OSU	46.1	29.1	37.2	
17	TAM 304	TAMU	45.6	32.5	42.5	
18	Jagger	KSU	45.5	29.8	36.0	
19	Duster	OSU	45.4	31.3	39.3	
20	TAM 112	TAMU	45.2	33.0	40.7	
21	TAM 203	TAMU	45.1	29.4	41.5	
21	TX06A001263*	TAMU	45.1	-	-	
21	TAM 401	TAMU	45.1	29.7	<b>35.6</b>	
22	Endurance	OSU	44.9	29.2	36.8	
23	AP06T3621*	AgriPro	44.5	-	-	
23	TX02A0252*	TAMU	44.5	31.2	-	
24	T136	Trio Seed Research	44.3	30.1	-	
25	Jagalene	AgriPro	43.9	29.7	34.0	
26	TX05A001822*	TAMU	43.3	-	-	
27	Fannin	AgriPro	42.6	29.0	33.6	
28	TAM W-101	TAMU	42.3	26.6	32.5	
29	Bill Brown	CSU	40.7	29.9	-	
30	Dumas	AgriPro	40.5	29.7	38.4	
31	Doans	AgriPro	39.9	28.4	35.6	
32	Pete	OSU	37.0	-	-	
33	AP503CL*	AgriPro	32.9	-	-	
34	Art	AgriPro	32.2	23.6	-	
			<b>Mean</b>	<b>45.7</b>	<b>30.9</b>	<b>38.1</b>
			<b>CV (%)</b>	<b>9.9</b>		
			<b>LSD (5%)</b>	<b>7.4</b>		

\* Experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2009

<sup>‡</sup> yield average for 2010, 2009, and 2007

*Yield data was not available for 2008.*

*Test Weights were not available at time of publication.*

## Uniform Wheat Variety Trial - Etter - Irrigated, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010
1	Hatcher	CSU	68.5	54.8	49.9	58.8
2	SY Gold (00X00100-51)	AgriPro	68.3	-	-	58.0
3	TAM 112	TAMU	64.3	48.5	46.0	58.4
4	Bullet	OSU	63.9	44.3	40.7	59.2
5	Duster	OSU	63.9	47.6	42.6	58.9
6	Bill Brown	CSU	63.9	51.0	-	58.4
7	TX05A001822*	TAMU	63.2	-	-	58.5
8	OK05511*	OSU	63.1	-	-	58.8
9	Billings	OSU	63.1	49.9	-	58.3
10	Mace	UNL	62.2	-	-	56.1
11	Winterhawk	WestBred	62.0	-	-	59.9
12	Fuller	KSU	62.0	45.2	40.2	58.2
13	Armour	WestBred	61.4	44.1	-	57.3
14	TAM 304	TAMU	61.4	46.265	45.4	55.2
15	Greer	AgriPro	61.3	43.8	41.4	56.1
16	TX06A001263*	TAMU	61.2	-	-	57.8
17	TAM 401	TAMU	60.6	42.48	39.1	55.8
18	Jagalene	AgriPro	60.5	43.4	38.6	59.3
19	Endurance	OSU	60.4	45.7	42.8	58.3
20	Jagger	KSU	60.4	45.1	39.0	58.1
21	OK05212*	OSU	60.3	-	-	58.0
22	AP503CL*	AgriPro	60.0	-	-	58.7
23	Jackpot	AgriPro	60.0	43.2	40.3	58.6
24	TAM 111	TAMU	60.0	48.9	42.0	58.2
25	TX02A0252*	TAMU	59.4	46.0	42.4	59.1
26	AP06T3621*	AgriPro	59.1	-	-	57.3
27	Fannin	AgriPro	58.6	41.1	36.6	58.7
28	TAM W-101	TAMU	58.5	41.8	36.4	59.2
29	T197	Trio Seed Research	58.3	-	-	57.5
30	T136	Trio Seed Research	58.1	44.1	-	57.3
31	Dumas	AgriPro	57.8	45.2	39.1	58.9
32	OK05526*	OSU	57.4	44.3	-	58.4
33	Art	AgriPro	57.1	41.9	38.2	57.5
34	Shocker	WestBred	56.5	39.6	34.5	57.0
35	TAM 203	TAMU	56.2	41.2	39.1	55.3
36	T81	Trio Seed Research	55.7	41.4	38.0	58.9
37	CJ	AgriPro	55.7	-	-	58.7
38	Doans	AgriPro	53.2	40.1	37.4	58.6
39	Santa Fe	WestBred	52.6	38.3	33.6	58.3
40	Pete	OSU	51.6	-	-	58.4

	<b>Mean</b>	<b>60.0</b>	<b>44.6</b>	<b>40.2</b>	<b>58.0</b>
	<b>CV (%)</b>	<b>7.2</b>			
	<b>LSD (5%)</b>	<b>7.1</b>			
* Experimental wheat breeding line					
<sup>†</sup> yield average for 2010 and 2009					
<sup>‡</sup> yield average for 2010, 2009, and 2008					



## Uniform Wheat Variety Trial - Groom - Dryland, HRWW 2010

2010 Rank	Variety	Source	Grain Yield	Test Weight	Protien
			(bu/ac) 2010	(lb/bu) 2010	% 2010
1	Winterhawk	WestBred	61.8	57.8	13.1
2	Billings	OSU	61.2	57.6	14.7
3	OK05212*	OSU	59.8	56.9	14.2
4	Duster	OSU	56.9	57.4	13.8
5	Endurance	OSU	55.5	56.7	13.2
6	CJ	AgriPro	55.2	59.0	13.4
7	SY Gold (00X00100-51)	AgriPro	55.0	55.5	14.2
8	OK05526*	OSU	54.5	57.9	14.1
9	OK05511*	OSU	53.8	57.9	13.0
10	TAM 111	TAMU	53.7	55.7	14.0
11	Hatcher	CSU	53.1	56.7	13.6
12	Bill Brown	CSU	52.0	56.9	14.2
13	TAM 112	TAMU	50.9	56.2	13.9
14	TAM 304	TAMU	50.5	54.8	14.5
15	Greer	AgriPro	50.0	52.4	14.3
16	Dumas	AgriPro	49.5	58.1	13.9
17	T197	Trio Seed Research	49.4	55.3	14.0
18	TAM 203	TAMU	49.0	54.1	15.1
19	TX02A0252*	TAMU	48.4	56.9	13.8
20	TX06A001263*	TAMU	48.2	56.7	14.2
21	Fuller	KSU	47.2	54.8	14.7
22	Doans	AgriPro	45.6	57.6	14.0
23	Armour	WestBred	45.0	56.2	14.5
24	Jackpot	AgriPro	44.9	58.0	13.7
25	T136	Trio Seed Research	44.4	54.3	14.0
26	TX05A001822*	TAMU	44.2	57.4	13.9
27	Santa Fe	WestBred	43.6	53.9	14.9
28	Fannin	AgriPro	43.0	56.9	14.5
29	Pete	OSU	42.9	57.9	13.6
30	Art	AgriPro	42.8	55.7	15.6
31	TAM W-101	TAMU	42.3	54.8	14.7
32	TAM 401	TAMU	40.8	52.7	14.9
33	Jagger	KSU	40.4	53.8	15.1
34	AP503CL*	AgriPro	40.3	56.7	14.4
35	Mace	UNL	39.8	54.8	15.4
36	AP06T3621*	AgriPro	39.4	52.9	14.1
37	T81	Trio Seed Research	39.2	56.2	14.3
38	Bullet	OSU	38.9	56.9	14.3
39	Jagalene	AgriPro	35.8	57.4	14.1
40	Shocker	WestBred	34.7	55.5	14.8

	<b>Mean</b>	<b>47.6</b>	<b>56.1</b>	<b>14.2</b>
	<b>CV (%)</b>	<b>11.8</b>		
* Experimental wheat breeding line Yield Data was only available for 2010	<b>LSD (5%)</b>	<b>9.1</b>		

## Uniform Wheat Variety Trial - Hereford - Dryland, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)	Protien %
			2010	2-Year <sup>†</sup>	2010	2010
1	Hatcher	CSU	46.0	42.6	60.1	13.4
2	Bill Brown	CSU	44.0	-	61.5	13.3
3	TX06A001263*	TAMU	43.3	-	59.0	14.8
4	Mace	UNL	41.1	-	58.6	14.3
5	TAM 112	TAMU	36.6	37.3	60.0	15.0
6	Billings	OSU	36.5	-	60.4	14.6
7	AP06T3621*	AgriPro	34.4	-	58.8	14.7
8	TAM 111	TAMU	34.2	39.3	59.8	14.1
9	TX02A0252*	TAMU	34.0	-	59.8	13.4
10	Jackpot	AgriPro	33.3	28.2	58.8	14.8
11	Winterhawk	WestBred	33.2	-	60.7	14.3
12	Dumas	AgriPro	32.2	35.0	60.2	14.1
13	Armour	WestBred	32.2	-	58.4	15.2
14	TAM 304	TAMU	32.2	32.2	58.0	14.6
15	Duster	OSU	32.1	38.7	59.1	14.2
16	Endurance	OSU	31.9	35.3	59.0	13.3
17	Art	AgriPro	30.9	-	59.3	15.7
18	AP503CL*	AgriPro	30.6	-	59.3	14.5
19	T81	Trio Seed Research	30.2	34.0	60.1	15.4
20	TAM W-101	TAMU	30.0	35.7	58.4	15.8
21	T197	Trio Seed Research	30.0	-	58.1	15.0
22	TAM 203	TAMU	30.0	31.4	56.2	15.6
23	Fannin	AgriPro	29.9	29.4	59.5	15.6
24	Shocker	WestBred	29.9	28.6	58.3	16.0
25	Jagalene	AgriPro	29.5	31.8	59.6	14.9
26	OK05511*	OSU	29.5	-	59.3	14.5
27	Bullet	OSU	28.6	33.1	60.0	15.0
28	Doans	AgriPro	28.4	27.7	60.1	14.7
29	SY Gold (00X00100-51)	AgriPro	27.5	-	59.3	14.8
30	OK05526*	OSU	27.5	-	58.7	15.4
31	T136	Trio Seed Research	27.2	-	59.0	14.7
32	Fuller	KSU	26.6	36.0	59.5	15.5
33	Santa Fe	WestBred	26.6	30.0	57.6	15.9
34	OK05212*	OSU	25.9	-	58.3	15.5
35	TAM 401	TAMU	25.8	26.7	56.6	15.8
36	Pete	OSU	25.5	-	59.8	14.3
37	CJ	AgriPro	25.0	-	60.3	14.7
38	Greer	AgriPro	24.5	-	57.8	14.6
39	TX05A001822*	TAMU	23.4	-	60.3	15.1
40	Jagger	KSU	22.8	28.0	57.8	15.9

**Mean 31.1 33.0 59.1 14.8**

\* experimental wheat breeding line

**CV (%) 18.2**

<sup>†</sup> yield average for 2010 and 2007

**LSD (5%) 9.2**

Note to user: High CV suggests caution in using this data set alone.

## Uniform Wheat Variety Trial - Perryton, Dryland HRWW 2010 (AgriPro)

2010 Rank	Variety	Source	Grain Yield (bu/ac)	
			2010	2-Year <sup>†</sup>
1	Hatcher	CSU	58.3	63.8
2	Billings	OSU	56.1	54.3
3	Duster	OSU	55.6	54.9
4	Mace	UNL	55.3	-
5	TAM 111	TAMU	54.9	58.2
6	Armour	WestBred	54.9	56.3
7	TAM 304	TAMU	54.2	52.2
8	OK05212*	OSU	53.6	-
9	OK05511*	OSU	53.4	-
10	Winterhawk	WestBred	53.4	-
11	TX06A001263*	TAMU	53.3	-
12	TAM 112	TAMU	51.8	54.6
13	Bill Brown	CSU	51.6	55.5
14	Dumas	AgriPro	51.2	53.2
15	Greer	AgriPro	51.2	52.3
16	Endurance	OSU	50.9	56.1
17	TX02A0252*	TAMU	50.7	54.3
18	OK05526*	OSU	50.6	52.3
19	TAM 203	TAMU	50.5	48.2
20	Fuller	KSU	50.1	50.4
21	T197	Trio Seed Research	50.1	-
22	Doans	AgriPro	49.1	52.7
23	Jackpot	AgriPro	48.9	48.6
24	Santa Fe	WestBred	48.7	50.5
25	Shocker	WestBred	48.2	46.6
26	TAM W-101	TAMU	48.2	48.2
27	CJ	AgriPro	48.0	-
28	Pete	OSU	46.6	-
29	Jagger	KSU	45.6	49.5
30	Fannin	AgriPro	45.2	48.4
31	TX05A001822*	TAMU	45.2	-
32	SY Gold (00X00100-51)	AgriPro	45.1	-
33	T136	Trio Seed Research	45.0	48.2
34	AP503CL*	AgriPro	44.7	-
35	Art	AgriPro	44.3	50.3
36	Bullet	OSU	44.0	46.9
37	T81	Trio Seed Research	44.0	49.6
38	TAM 401	TAMU	42.2	46.1
39	Jagalene	AgriPro	41.5	48.9
40	AP06T3621*	AgriPro	40.8	-

**Mean**      **49.4**      **51.8**

**CV (%)**      **4.2**

**LSD (5%)**      **3.4**

\* Experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2009

*Yields were not available prior to 2009.*

## Uniform Wheat Variety Trial - Perryton, Irrigated HRWW 2010 (AgriPro)

2010 Rank	Variety	Source	Grain Yield (bu/ac)		
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>
1	Doans	AgriPro	64.8	60.5	64.5
2	TAM 304	TAMU	60.7	56.0	67.0
3	TAM 203	TAMU	60.3	57.6	63.8
4	Armour	WestBred	60.1	60.5	-
5	Mace	UNL	58.3	-	-
6	TAM 112	TAMU	58.2	54.7	63.8
7	OK05511*	OSU	58.1	-	-
8	Shocker	WestBred	57.3	55.9	56.8
9	Greer	AgriPro	57.2	55.4	61.3
10	OK05526*	OSU	57.0	60.8	-
11	Jackpot	AgriPro	57.0	52.7	57.2
12	Billings	OSU	56.3	56.7	-
13	TX06A001263*	TAMU	56.3	-	-
14	Hatcher	CSU	55.7	66.8	70.8
15	CJ	AgriPro	55.6	-	-
16	Winterhawk	WestBred	55.5	-	-
17	Fannin	AgriPro	54.7	52.7	54.9
18	OK05212*	OSU	54.1	-	-
19	Art	AgriPro	53.9	59.3	59.8
20	Endurance	OSU	53.9	56.2	57.6
21	TX02A0252*	TAMU	53.7	55.7	64.9
22	TAM 111	TAMU	52.9	54.5	64.6
23	Dumas	AgriPro	52.7	59.3	62.1
24	T197	Trio Seed Research	52.5	-	-
25	Duster	OSU	52.0	56.5	64.1
26	Fuller	KSU	51.9	55.8	63.7
27	TAM W-101	TAMU	50.5	51.8	56.8
28	T136	Trio Seed Research	50.3	54.6	-
29	SY Gold (00X00100-51)	AgriPro	49.0	-	-
30	Santa Fe	WestBred	48.6	54.9	61.6
31	T81	Trio Seed Research	48.6	50.9	58.5
32	AP503CL*	AgriPro	48.4	-	-
33	TAM 401	TAMU	48.3	49.9	60.1
34	Bullet	OSU	48.3	47.0	55.9
35	TX05A001822*	TAMU	45.3	-	-
36	Bill Brown	CSU	45.0	52.6	-
37	Jagalene	AgriPro	44.7	49.0	56.6
38	Jagger	KSU	44.1	47.1	52.9
39	AP06T3621*	AgriPro	41.7	-	-
40	Pete	OSU	39.2	-	-

**Mean    52.8    55.2    60.8**

**CV (%)    8.3**

**LSD (5%)    7.1**

\* Experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2009

<sup>‡</sup> yield average for 2010, 2009, and 2008

# Rolling Plains Location Details and Issues

Location <sup>1</sup>	Yield Limiting Issues	Planting Date	Fertilizer (Total) (lb N/a)	Water*	Row Spacing inch	Seeding Rate lb/a
<b>Abilene</b>	Moderate stripe rust; Low leaf rust; Some BYDV <sup>2</sup>	10/27/2009	Cooperator Applied	D	7	60
<b>Brady<sup>3</sup></b>	Greenbugs Early, Minor Lodging	11/4/2009	96	D	7	80 <sup>3</sup>
<b>Chillicothe</b>	Moderate stripe rust; Low leaf rust; Some BYDV <sup>2</sup>	10/19/2009	80	D	7	60
<b>Hardeman Grain</b>	Moderate stripe rust; Low leaf rust; Some BYDV <sup>2</sup>	10/26/2009	Cooperator Applied	D	7	60
<b>Knox Co. (AgriPro)</b>	Moderate stripe rust; Low leaf rust	11/18/2009	Cooperator applied	D	7	60
<b>Vernon (AgriPro)</b>	Heavy stripe rust, Moderate leaf rust	11/11/2009	115	D	7	60
<b>Vernon (AgriPro)</b>	Heavy stripe rust, Moderate leaf rust	11/12/2009	145	IL	7	60
<b>Wichita Co. (AgriPro)</b>	Poor Emergence, Variable Stands; <b>Data Not Shown</b>	11/13/2009	Cooperator applied	D	7	60
<b>Young Co. (AgriPro)</b>	Heavy stripe rust, Moderate leaf rust	11/18/2009	Cooperator applied	D	7	60

<sup>1</sup>Abilene, Chillicothe, and Hardeman Grain did not have any pesticides applied throughout the growing season.

<sup>2</sup> BYDV – Barley Yellow Dwarf Virus

<sup>3</sup>Brady was sprayed with Dimethoate (3/4 pt/a) and Finesse (7 g/a) on 1/22/2010 and had a seeding rate of 1.2 million seed/a (~80 lb/a)

\*Irrigation: IL = Irrigated Limited, D = Dryland

## Uniform Wheat Variety Trial - Abilene, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010
1	Greer	AgriPro	55.5	67.2	-	58.1
2	Billings	OSU	54.6	-	-	60.4
3	TAM 304	TAMU	52.6	63.1	64.2	57.8
4	Duster	OSU	52.5	67.7	66.4	60.8
5	TX06A001263*	TAMU	52.5	-	-	59.6
6	OK05526*	OSU	52.1	-	-	59.8
7	Fannin	AgriPro	49.7	73.9	69.2	60.9
8	CJ	AgriPro	47.7	-	-	60.5
9	Doans	AgriPro	46.9	48.9	54.5	61.3
10	Armour	WestBred	46.7	-	-	58.8
11	TAM 401	TAMU	46.5	47.9	54.7	58.0
12	Jackpot	AgriPro	46.0	57.8	61.2	60.1
13	OK05212*	OSU	45.7	-	-	59.1
14	TX02A0252*	TAMU	45.2	53.8	-	60.4
15	TAM 203	TAMU	45.2	54.5	53.4	58.0
16	OK05511*	OSU	44.7	-	-	60.1
17	TAM 111	TAMU	44.5	64.0	65.3	59.2
18	Fuller	KSU	44.3	53.6	59.2	59.4
19	Santa Fe	WestBred	44.1	75.2	75.7	59.8
20	Bullet	OSU	42.7	61.8	65.3	60.9
21	Shocker	WestBred	42.6	53.4	56.4	59.1
22	Endurance	OSU	42.2	54.1	55.0	57.7
23	Pete	OSU	41.5	-	-	61.3
24	Art	AgriPro	40.1	52.0	-	59.4
25	Jagger	KSU	39.9	53.0	54.3	58.7
26	TX05A001822*	TAMU	39.8	-	-	59.1
27	AP503CL*	AgriPro	37.4	-	-	59.9
28	TAM W-101	TAMU	37.2	44.1	46.9	57.7
29	TAM 112	TAMU	36.1	72.3	73.1	58.5
30	AP06T3621*	AgriPro	36.0	-	-	58.8
31	Jagalene	AgriPro	34.9	57.1	56.0	59.8
32	SY Gold (AP00x0100-51)	AgriPro	33.8	-	-	57.5

	<b>Mean</b>	<b>44.4</b>	<b>58.8</b>	<b>60.6</b>	<b>59.4</b>
	<b>CV (%)</b>	<b>9.5</b>			
	<b>LSD (5%)</b>	<b>7.0</b>			
* Experimental wheat breeding line					
<sup>†</sup> yield average for 2010 and 2008					
<sup>‡</sup> yield average for 2010, 2008, and 2007					

## Uniform Wheat Variety Trial - Brady, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010
1	OK05526*	OSU	71.9	51.4	-	55.9
2	CJ	AgriPro	66.9	-	-	57.6
3	Jackpot	AgriPro	64.0	47.6	47.2	56.9
4	Duster	OSU	63.8	49.1	46.7	56.2
5	Blend 1 (TAM 203 &304)	TAMU Blend	61.6	-	-	55.4
6	TAM 304	TAMU	61.6	43.5	41.6	55.3
7	Doans	AgriPro	60.6	44.3	42.3	58.3
8	Blend 2 (Fannin + Jackpot)	AgriPro Blend	60.5	-	-	56.6
9	Billings	OSU	60.3	42.0	-	54.5
10	Sturdy 2K	TAMU	60.2	48.8	44.3	52.9
11	2145	KSU	59.7	43.8	-	55.4
12	Pete	OSU	59.1	43.1	-	58.0
13	Greer (AP06T3832)	AgriPro	57.9	48.5	48.8	54.4
14	Shocker	WestBred	57.7	39.9	42.2	57.0
15	Fuller	KSU	57.3	51.8	50.5	55.4
16	Fannin	AgriPro	56.7	41.1	38.7	54.6
17	TAM 111	TAMU	56.6	47.5	47.1	55.3
18	TAM 112	TAMU	56.5	46.7	49.8	54.6
19	OK05511*	OSU	56.3	-	-	57.0
20	OK05212*	OSU	56.3	-	-	54.6
21	Santa Fe	WestBred	54.7	44.3	48.7	55.5
22	Armour	WestBred	54.5	-	-	53.3
23	Bullet	OSU	53.9	45.5	47.3	57.1
24	Endurance	OSU	52.7	41.7	40.8	54.4
25	SY Gold (00X00100-51)	AgriPro	52.5	-	-	55.7
26	AP06T3621*	AgriPro	51.7	-	-	55.3
27	Jagger	KSU	51.7	41.2	41.5	52.9
28	TX06A001263*	TAMU	50.2	-	-	54.6
29	AP503CL2*	AgriPro	50.1	-	-	55.6
30	Coronado	AgriPro	49.5	40.5	39.8	54.7
31	Deliver	OSU	48.5	41.4	39.1	56.1
32	TX05A001822*	TAMU	47.5	-	-	55.1
33	TAM 203	TAMU	47.4	44.8	44.3	54.2
34	TAM W-101	TAMU	45.6	44.1	44.2	57.4
35	TAM 401	TAMU	44.4	38.0	36.9	52.5
36	Jagalene	AgriPro	43.4	39.0	37.9	54.3
37	TX02A0252*	TAMU	41.5	44.3	41.9	53.0
38	Art	AgriPro	40.7	40.0	41.7	52.7

	<b>Mean</b>	<b>54.9</b>	<b>44.4</b>	<b>43.8</b>	<b>55.3</b>
	<b>CV (%)</b>	<b>12.0</b>			
<sup>†</sup> yield average for 2010 and 2009	<b>LSD (5%)</b>	<b>9.0</b>			
<sup>‡</sup> yield average for 2010, 2009, and 2008					

## Uniform Wheat Variety Trial - Chillicothe, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010
1	OK05526*	OSU	62.5	-	-	61.5
2	Duster	OSU	60.3	49.1	55.3	60.5
3	OK05212*	OSU	57.4	-	-	61.3
4	Endurance	OSU	57.0	50.8	52.6	59.4
5	TAM 304	TAMU	57.0	45.6	55.6	58.4
6	AP503CL*	AgriPro	55.6	-	-	61.2
7	CJ	AgriPro	55.5	-	-	61.8
8	TAM 111	TAMU	55.3	47.2	51.3	60.2
9	Armour	WestBred	55.2	-	-	59.5
10	TX06A001263*	TAMU	54.8	-	-	60.8
11	Jackpot	AgriPro	54.5	48.2	55.7	61.5
12	Pete	OSU	53.5	-	-	61.8
13	TX05A001822*	TAMU	53.5	-	-	61.6
14	Billings	OSU	53.5	-	-	61.3
15	Santa Fe	WestBred	53.2	48.3	53.8	60.2
16	SY Gold (AP00x0100-51)	AgriPro	51.5	-	-	60.1
17	TAM 203	TAMU	51.4	43.5	53.3	58.1
18	OK05511*	OSU	50.2	-	-	61.1
19	TAM 112	TAMU	49.6	48.6	52.5	59.5
20	Fannin	AgriPro	47.8	44.2	48.8	62.5
21	Jagalene	AgriPro	47.6	44.4	47.0	62.0
22	Greer	AgriPro	46.8	46.3	-	58.4
23	TX02A0252*	TAMU	46.6	40.8	-	61.8
24	Fuller	KSU	46.5	44.1	50.1	60.2
25	Shocker	WestBred	46.5	43.8	50.3	58.7
26	Bullet	OSU	45.2	42.4	47.5	61.2
27	TAM 401	TAMU	44.9	41.2	45.3	58.0
28	Art	AgriPro	44.3	40.5	-	59.6
29	Jagger	KSU	44.2	41.9	46.5	58.4
30	TAM W-101	TAMU	43.3	40.5	42.8	59.1
31	Doans	AgriPro	42.9	39.5	45.3	61.8
32	AP06T3621*	AgriPro	42.0	-	-	58.4

	<b>Mean</b>	<b>50.9</b>	<b>44.5</b>	<b>50.2</b>	<b>60.3</b>
	<b>CV (%)</b>	<b>7.6</b>			
	<b>LSD (5%)</b>	<b>6.4</b>			
* Experimental wheat breeding line					
† yield average for 2010 and 2008					
‡ yield average for 2010, 2008, and 2007					
Yield data was not available for 2009					



## Uniform Wheat Variety Trial - Hardeman Grain, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2010	2-Year †	2010
1	TAM 304	TAMU	65.2	59.4	58.9
2	OK05212*	OSU	64.9	-	61.1
3	CJ	AgriPro	62.7	-	61.6
4	Duster	OSU	60.1	54.1	60.8
5	TX05A001822*	TAMU	59.1	-	61.2
6	Endurance	OSU	59.1	54.3	59.5
7	TX06A001263*	TAMU	58.8	-	60.5
8	OK05526*	OSU	55.8	-	60.5
9	TAM 203	TAMU	55.6	58.0	58.5
10	SY Gold (AP00x0100-51)	AgriPro	54.6	-	60.4
11	Pete	OSU	53.3	-	60.9
12	Armour	WestBred	52.7	-	60.1
13	Shocker	WestBred	52.4	52.0	60.4
14	Billings	OSU	52.2	-	61.9
15	Jackpot	AgriPro	50.1	57.1	60.1
16	OK05511*	OSU	50.0	-	61.1
17	TX02A0252*	TAMU	49.8	-	61.2
18	Greer	AgriPro	48.7	-	57.7
19	Jagalene	AgriPro	48.1	45.3	61.6
20	AP06T3621*	AgriPro	47.6	-	58.8
21	TAM 401	TAMU	47.2	48.9	58.0
22	TAM 111	TAMU	46.9	45.7	61.3
23	Santa Fe	WestBred	46.9	49.9	60.6
24	Fuller	KSU	46.9	53.4	59.9
25	TAM 112	TAMU	46.7	50.6	59.4
26	Art	AgriPro	44.7	-	59.1
27	AP503CL*	AgriPro	44.3	-	60.5
28	Fannin	AgriPro	42.5	49.5	60.2
29	Doans	AgriPro	42.3	42.1	60.2
30	Jagger	KSU	37.8	42.8	58.0
31	Bullet	OSU	37.2	44.7	60.9
32	TAM W-101	TAMU	35.5	34.4	58.8

<b>Mean</b>	<b>50.6</b>	<b>49.5</b>	<b>60.1</b>
<b>CV (%)</b>	<b>12.3</b>		
<b>LSD (5%)</b>	<b>10.4</b>		

\* experimental wheat breeding line

† yield average for 2010 and 2007

‡ yield average for 2004, 2005, and 2007 (data was not available for 2006)

*Yield data was not available for 2009 or 2008*

## Uniform Wheat Variety Trial - Knox County, HRWW 2010 (AgriPro)

2010 Rank	Variety	Source	Grain Yield (bu/ac)		
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>
1	Duster	OSU	46.5	39.1	41.1
2	Greer	AgriPro	42.4	36.8	-
3	Doans	AgriPro	42.1	36.0	39.1
4	Fuller	KSU	40.0	37.3	41.5
5	CJ	AgriPro	39.9	-	-
6	Armour	WestBred	39.9	-	-
7	Billings	OSU	39.5	-	-
8	TX06A001263*	TAMU	39.1	-	-
9	TAM 203	TAMU	38.9	36.7	39.2
10	TX02A0252*	TAMU	37.5	37.1	-
11	OK05526*	OSU	37.4	-	-
12	TAM 304	TAMU	36.4	35.9	41.9
13	Jackpot	AgriPro	36.1	34.9	39.5
14	Shocker	WestBred	35.8	33.1	38.8
15	Endurance	OSU	35.8	33.5	36.0
16	Santa Fe	WestBred	35.1	34.1	38.3
17	Fannin	AgriPro	34.7	30.2	35.3
18	TAM 112	TAMU	34.7	36.7	39.1
19	TAM 111	TAMU	33.9	31.7	33.5
20	TAM 401	TAMU	33.9	32.4	35.6
21	Bullet	OSU	33.6	34.9	39.5
22	Pete	OSU	33.2	-	-
23	Art	AgriPro	32.2	31.1	-
24	OK05511*	OSU	31.6	-	-
25	OK05212*	OSU	31.1	-	-
26	TX05A001822*	TAMU	30.1	-	-
27	AP503CL*	AgriPro	28.3	-	-
28	Jagger	KSU	27.6	30.6	33.9
29	TAM W-101	TAMU	27.5	26.4	31.3
30	AP06T3621*	AgriPro	26.2	-	-
31	SY Gold (AP00x0100-51)	AgriPro	25.9	-	-
32	Jagalene	AgriPro	23.2	29.3	34.0

<b>Mean</b>	<b>34.7</b>	<b>33.9</b>	<b>37.5</b>
<b>CV (%)</b>	<b>8.2</b>		
<b>LSD (5%)</b>	<b>4.8</b>		

\* experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2007

<sup>‡</sup> yield average for 2010, 2008, and 2007

*Yield data was not available for 2009*

## Uniform Wheat Variety Trial - Vernon - Dryland, HRWW 2010 (AgriPro)

2010 Rank	Variety	Source	Grain Yield (bu/ac)		
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>
1	Fannin	AgriPro	63.1	58.3	58.2
2	Billings	OSU	62.3	-	-
3	Greer	AgriPro	61.2	63.5	-
4	OK05212*	OSU	59.8	-	-
5	Doans	AgriPro	57.6	56.6	54.2
6	Jackpot	AgriPro	56.3	60.9	63.3
7	TAM 111	TAMU	55.8	58.7	56.2
8	Duster	OSU	55.1	52.5	56.1
9	OK05511*	OSU	54.4	-	-
10	TX02A0252*	TAMU	54.3	57.8	-
11	TAM 203	TAMU	52.0	48.6	52.4
12	CJ	AgriPro	51.9	-	-
13	TAM 304	TAMU	51.6	54.4	57.2
14	Art	AgriPro	50.6	53.6	-
15	Santa Fe	WestBred	50.2	55.0	55.0
16	OK05526*	OSU	49.5	-	-
17	Fuller	KSU	47.2	52.4	56.3
18	TAM 401	TAMU	46.9	48.9	54.2
19	Shocker	WestBred	46.5	51.9	54.3
20	Endurance	OSU	46.1	51.2	52.3
21	Bullet	OSU	42.4	51.0	52.0
22	Armour	WestBred	40.8	-	-
23	Pete	OSU	38.8	-	-
24	TAM 112	TAMU	38.3	54.3	55.1
25	TX06A001263*	TAMU	36.1	-	-
26	AP06T3621*	AgriPro	34.8	-	-
27	AP503CL*	AgriPro	34.7	-	-
28	TX05A001822*	TAMU	32.4	-	-
29	Jagger	KSU	31.9	46.0	48.0
30	SY Gold (AP00x0100-51)	AgriPro	31.6	-	-
31	TAM W-101	TAMU	30.4	38.2	42.7
32	Jagalene	AgriPro	20.8	36.8	39.6

<b>Mean</b>	<b>46.4</b>	<b>52.5</b>	<b>53.4</b>
<b>CV (%)</b>	<b>11.9</b>		
<b>LSD (5%)</b>	<b>9.1</b>		

\* experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2007

<sup>‡</sup> yield average for 2010, 2008, and 2007

*Yield data was not available for 2009*

## Uniform Wheat Variety Trial - Vernon - Irrigated, HRWW 2010 (AgriPro)

2010 Rank	Variety	Source	Grain Yield (bu/ac)		
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>
1	Fannin	AgriPro	63.9	64.9	63.2
2	Doans	AgriPro	62.4	69.2	62.2
3	OK05511*	OSU	62.1	-	-
4	Billings	OSU	61.2	-	-
5	Greer	AgriPro	61.1	63.6	-
6	CJ	AgriPro	59.5	-	-
7	Duster	OSU	59.2	69.7	63.0
8	TAM 111	TAMU	58.6	66.1	59.4
9	Jackpot	AgriPro	55.8	64.7	66.5
10	OK05526*	OSU	53.8	-	-
11	Armour	WestBred	53.7	-	-
12	OK05212*	OSU	53.5	-	-
13	TAM 203	TAMU	53.2	63.1	63.0
14	TX02A0252*	TAMU	51.7	64.6	-
15	TX06A001263*	TAMU	51.6	-	-
16	Shocker	WestBred	51.3	59.5	61.3
17	Santa Fe	WestBred	47.4	61.1	60.1
18	Fuller	KSU	47.3	63.0	62.0
19	Endurance	OSU	47.0	59.9	58.0
20	TAM 401	TAMU	46.8	59.0	61.2
21	TAM 112	TAMU	46.0	66.8	64.7
22	TAM W-101	TAMU	44.6	57.9	54.6
23	TAM 304	TAMU	43.7	60.9	59.1
24	Art	AgriPro	42.9	53.4	-
25	Bullet	OSU	42.8	55.7	56.2
26	TX05A001822*	TAMU	41.1	-	-
27	AP503CL*	AgriPro	40.4	-	-
28	AP06T3621*	AgriPro	39.3	-	-
29	SY Gold (AP00x0100-51)	AgriPro	37.6	-	-
30	Jagger	KSU	36.5	54.2	49.7
31	Pete	OSU	32.2	-	-
32	Jagalene	AgriPro	27.6	46.4	41.6

<b>Mean</b>	<b>49.3</b>	<b>61.2</b>	<b>59.2</b>
<b>CV (%)</b>	<b>10.4</b>		
<b>LSD (5%)</b>	<b>8.6</b>		

\* experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2007

<sup>‡</sup> yield average for 2010, 2008, and 2007

*Yield data was not available for 2009*

## Uniform Wheat Variety Trial - Young County, HRWW 2010 (AgriPro)

2010 Rank	Variety	Source	Grain Yield (bu/ac)		
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>
1	Doans	AgriPro	56.5	54.3	51.3
2	Fannin	AgriPro	52.4	51.6	49.3
3	Greer	AgriPro	51.5	52.9	-
4	Billings	OSU	45.8	-	-
5	TAM 401	TAMU	41.2	43.9	44.6
6	OK05212*	OSU	40.9	-	-
7	CJ	AgriPro	38.1	-	-
8	Duster	OSU	37.8	47.4	48.3
9	OK05511*	OSU	36.8	-	-
10	Armour	WestBred	36.3	-	-
11	TX06A001263*	TAMU	36.0	-	-
12	OK05526*	OSU	35.5	-	-
13	Jackpot	AgriPro	34.6	46.5	47.8
14	TAM 203	TAMU	34.3	37.1	38.2
15	Art	AgriPro	32.0	42.9	-
16	TAM 304	TAMU	31.9	40.1	41.9
17	Shocker	WestBred	31.8	44.2	45.5
18	Fuller	KSU	31.7	40.9	42.6
19	TAM 111	TAMU	30.9	38.0	40.2
20	TX02A0252*	TAMU	30.6	41.3	-
21	Bullet	OSU	29.7	40.4	44.6
22	Endurance	OSU	29.2	41.9	43.4
23	Santa Fe	WestBred	27.8	41.5	44.4
24	Pete	OSU	25.7	-	-
25	TAM 112	TAMU	24.6	41.9	43.1
26	TAM W-101	TAMU	24.4	35.0	38.8
27	AP503CL*	AgriPro	24.2	-	-
28	Jagger	KSU	24.0	37.5	37.8
29	SY Gold (AP00x0100-51)	AgriPro	22.9	-	-
30	AP06T3621*	AgriPro	22.0	-	-
31	TX05A001822*	TAMU	18.8	-	-
32	Jagalene	AgriPro	12.4	31.6	32.0

<b>Mean</b>	<b>32.9</b>	<b>42.5</b>	<b>43.2</b>
<b>CV (%)</b>	<b>14.5</b>		
<b>LSD (5%)</b>	<b>7.9</b>		

\* experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2007

<sup>‡</sup> yield average for 2010, 2008, and 2007

*Yield data was not available for 2009*

## South Texas Location Details and Issues

Location <sup>1</sup>	Yield Limiting Issues	Planting Date	Fertilizer (Total) (lbN/a)	Water*	Row Spacing inch	Pesticide Applied	Date Appl.
<b>Castroville</b>	Severe leaf and stripe rust; Lodging	11/18/2009	118	IL	7	Dimethoate (3/4 pt/a)	1/26/2010
<b>College Station</b>	Severe stripe rust; Moderate leaf rust	11/11/2009	118	D	7	Dimethoate (3/4 pt/a) + Weedmaster (3/4 pt/a)	2/18/2010
<b>Luling (AgriPro)</b>	Delayed planting due to rainfall; Vernalization issues; Heavy rain at harvest caused lodging; <b>Data Not Shown</b>	01/10/2010	Cooperator applied	D	7	Cooperator applied	--
<b>Uvalde</b>	Moderate Lodging	11/18/2009	118	IL	7	Finesse (11.2 g/a)	1/25/2010

<sup>1</sup>All locations were planted into a conventionally tilled seedbed at a rate of 1.2 million seed/a, or roughly 80 lb/a.

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

## Uniform Wheat Variety Trial - Castroville, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)
			2010	2-Year †	3-Year ‡	2010
1	Art	AgriPro	103.7	72.3	74.1	59.6
2	TX06A001263*	TAMU	102.5	-	-	59.0
3	Pete	OSU	94.0	73.1	-	60.4
4	Santa Fe	WestBred	93.4	77.4	75.0	58.3
5	Blend 1 (TAM 203 &304)	TAMU Blend	93.4	-	-	58.1
6	Shocker	WestBred	93.0	79.8	77.4	59.4
7	TAM 304	TAMU	89.7	76.5	81.1	56.5
8	2145	KSU	85.0	58.5	-	58.4
9	Billings	OSU	82.7	80.4	-	59.1
10	TAM 401	TAMU	80.0	80.7	76.1	55.8
11	SY Gold (00X00100-51)	AgriPro	79.6	-	-	58.1
12	Coronado	AgriPro	79.4	67.5	67.1	59.1
13	Armour	WestBred	79.0	-	-	56.7
14	TAM 203	TAMU	78.4	77.9	74.6	58.1
15	Duster	OSU	76.7	73.0	69.3	58.1
16	Greer (AP06T3832)	AgriPro	75.4	74.2	74.8	54.5
17	CJ	AgriPro	74.9	-	-	58.1
18	OK05511*	OSU	73.2	-	-	58.6
19	Sturdy 2K	TAMU	73.1	56.2	53.9	57.7
20	Fuller	KSU	72.1	67.4	63.4	58.2
21	TX05A001822*	TAMU	71.7	-	-	57.8
22	Blend 2 (Fannin + Jackpot)	AgriPro Blend	71.2	-	-	57.5
23	Jackpot	AgriPro	70.0	68.3	65.2	57.5
24	OK05526*	OSU	69.4	71.5	-	58.4
25	Jagalene	AgriPro	69.0	46.2	52.0	57.1
26	Doans	AgriPro	65.4	56.0	54.7	59.9
27	Deliver	OSU	63.1	54.8	55.6	58.1
28	OK05212*	OSU	60.9	-	-	57.4
29	TAM W-101	TAMU	58.4	53.0	51.9	57.2
30	TX02A0252*	TAMU	54.0	56.8	58.9	57.1
31	Bullet	OSU	53.3	45.2	54.9	59.0
32	Jagger	KSU	52.5	44.8	46.4	56.6
33	TAM 111	TAMU	50.8	46.6	56.6	57.8
34	AP06T3621*	AgriPro	50.4	-	-	55.5
35	Endurance	OSU	47.4	39.9	43.8	58.7
36	Fannin	AgriPro	46.3	51.0	55.1	57.8
37	TAM 112	TAMU	40.4	48.8	56.3	55.1
38	AP503CL2*	AgriPro	39.4	-	-	58.0

	<b>Mean</b>	<b>71.4</b>	<b>62.9</b>	<b>62.5</b>	<b>57.9</b>
	<b>CV (%)</b>	<b>15.6</b>			
	<b>LSD (5%)</b>	<b>15.0</b>			

\* Experimental wheat breeding line

† yield average for 2010 and 2009

‡ yield average for 2010, 2009, and 2008

Note to user: High CV suggests caution in using this data set alone.

## Uniform Wheat Variety Trial - Castroville, HRSW<sup>1</sup> 2010

2010 Rank	Variety	Source	Yield (bu/ac)			Test Weight (lb/bu)	
			2010	2-Year <sup>†</sup>	3-Year <sup>‡</sup>	2010	
1	Faller	NDSU	73.1	68	63	59.7	
2	Kuntz	AgriPro	71.9	67	63	59.4	
3	Samson	WestBred	71.4	66	-	58.2	
4	Albany	Trigen	70.2	66	-	59.6	
5	Knudson	AgriPro	69.8	-	60	59.3	
6	Verde	MN	69.1	65	62	59.6	
7	Breaker	WestBred	67.1	-	-	61.6	
8	Barlow	NDSU	66.7	-	-	61.2	
9	Brogan	WestBred	64.7	-	-	60.4	
10	Howard	NDSU	64.5	63	59	60.2	
11	Brennan	AgriPro	63.3	-	-	60.3	
12	Blade	WestBred	62.3	63	60	61.4	
13	RB07	MN	62.3	-	-	59.7	
14	Brick	SD	61.4	-	-	61.7	
15	Cromwell	Thunder Seed	58.6	-	-	61.5	
16	TX99U8544	TAMU	56.1	59	58	58.4	
17	Tom	MN	53.2	-	-	60.1	
18	Edge	WestBred	48.5	-	-	57.4	
19	Jenna	AgriPro	48.3	-	-	59.0	
20	Glenn	NDSU	47.2	-	44	63.4	
21	Sabin	MN	44.8	-	-	60.0	
22	Banton	Trigen	43.6	53	51	61.4	
23	Norm	MN	42.5	51	53	58.3	
			<b>Mean</b>	<b>60.0</b>	<b>61.9</b>	<b>57.2</b>	<b>60.1</b>
			<b>CV (%)</b>	<b>15.6</b>			
			<b>LSD (5%)</b>	<b>13.1</b>			

<sup>†</sup> yield average for 2010 and 2009

<sup>‡</sup> yield average for 2010, 2009, and 2008

<sup>1</sup>Hard Red Spring Wheat

Note to user: High CV suggests caution in using this data set alone.



## Uniform Wheat Variety Trial - College Station, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)			Test Weight (lb/bu)	Protien %
			2010	2-Year †	3-Year ‡	2010	2010
1	Billings	OSU	94.3	76.9	-	60.3	10.4
2	TAM 304	TAMU	77.1	72.3	69.8	57.2	9.8
3	Armour	WestBred	72.4	-	-	57.9	11.1
4	Fannin	AgriPro	70.1	61.3	60.2	57.9	11.5
5	Blend 2 (Fannin + Jackpot)	AgriPro Blend	70.1	-	-	57.8	11.3
6	Sturdy 2K	TAMU	69.6	60.7	52.5	57.7	10.7
7	Coronado	AgriPro	66.3	62.8	57.7	58.8	10.6
8	Duster	OSU	65.1	66.9	59.9	57.9	10.1
9	CJ	AgriPro	64.5	-	-	57.3	10.1
10	Doans	AgriPro	64.4	59.3	56.0	59.9	11.7
11	Greer (AP06T3832)	AgriPro	64.1	59.2	61.4	52.4	11.5
12	TX06A001263*	TAMU	63.5	-	-	57.9	10.3
13	Pete	OSU	63.3	59.4	-	60.2	10.8
14	Jackpot	AgriPro	62.2	58.0	58.5	55.7	10.4
15	OK05511*	OSU	61.0	-	-	58.4	10.5
16	Blend 1 (TAM 203 &304)	TAMU Blend	60.6	-	-	56.8	10.6
17	Deliver	OSU	60.0	54.8	48.9	59.6	11.4
18	TAM 203	TAMU	59.0	64.9	61.1	56.8	10.9
19	TAM 401	TAMU	59.0	58.7	59.7	55.6	11.2
20	OK05526*	OSU	54.9	57.9	-	57.3	10.7
21	TAM 111	TAMU	53.9	46.8	42.0	55.9	10.8
22	2145	KSU	52.5	47.7	-	56.7	10.8
23	Shocker	WestBred	49.8	56.0	55.1	56.5	11.5
24	Art	AgriPro	49.6	55.1	56.8	55.5	11.6
25	TX02A0252*	TAMU	49.0	50.3	43.2	57.9	10.7
26	Fuller	KSU	48.3	55.0	54.3	57.3	10.7
27	Endurance	OSU	48.2	44.8	37.3	58.2	11.4
28	TAM 112	TAMU	47.1	40.3	39.6	56.7	10.2
29	Santa Fe	WestBred	46.8	54.5	50.2	56.4	11.4
30	OK05212*	OSU	42.5	-	-	55.8	11.1
31	TAM W-101	TAMU	38.9	37.3	34.3	57.1	12.0
32	SY Gold (00X00100-51)	AgriPro	36.7	-	-	55.2	10.8
33	Bullet	OSU	36.4	32.7	31.3	56.5	11.8
34	AP503CL2*	AgriPro	35.7	-	-	54.1	11.7
35	TX05A001822*	TAMU	35.0	-	-	57.3	12.0
36	Jagalene	AgriPro	33.8	29.9	32.8	54.6	10.8
37	Jagger	KSU	33.1	39.3	38.8	54.3	11.1
38	AP06T3621*	AgriPro	21.0	-	-	55.6	10.7

**Mean 54.7 54.2 50.5 57.2 11.0**

\* Experimental wheat breeding line

**CV (%) 11.8**

† yield average for 2010 and 2009

**LSD (5%) 9.0**

‡ yield average for 2010, 2009, and 2008

Note to user: High CV suggests caution in using this data set alone.

## Uniform Wheat Variety Trial - Uvalde, HRWW 2010

2010 Rank	Variety	Source	Grain Yield (bu/ac)		Test Weight (lb/bu)
			2010	2-Year <sup>†</sup>	2010
1	Blend 1 (TAM 203 & 304)	TAMU Blend	68.5	-	61.0
2	TAM 304	TAMU	64.5	60.0	63.4
3	Duster	OSU	61.3	51.8	63.2
4	Sturdy 2K	TAMU	61.3	47.4	61.2
5	Billings	OSU	60.1	-	62.9
6	Blend 2 (Fannin + Jackpot)	AgriPro Blend	60.1	-	60.8
7	TX06A001263*	TAMU	59.9	-	63.6
8	Shocker	WestBred	59.3	53.9	61.9
9	Fuller	KSU	58.5	54.5	61.7
10	Greer (AP06T3832)	AgriPro	57.2	-	60.4
11	CJ	AgriPro	55.5	-	62.3
12	Santa Fe	WestBred	55.4	54.8	63.1
13	2145	KSU	54.3	-	59.9
14	Armour	WestBred	52.7	-	61.6
15	SY Gold (00X00100-51)	AgriPro	52.0	-	58.8
16	TAM 401	TAMU	51.6	56.0	58.1
17	OK05511*	OSU	50.8	-	62.5
18	OK05526*	OSU	50.6	-	63.2
19	TX05A001822*	TAMU	49.6	-	62.1
20	Jagger	KSU	48.7	40.3	59.9
21	AP06T3621*	AgriPro	48.2	-	60.0
22	Art	AgriPro	48.0	-	60.4
23	TAM 203	TAMU	46.4	54.9	62.6
24	Pete	OSU	43.6	-	63.1
25	Jackpot	AgriPro	43.6	51.1	61.5
26	Doans	AgriPro	42.2	40.6	63.9
27	Deliver	OSU	40.9	40.6	61.9
28	Fannin	AgriPro	39.7	40.9	59.9
29	TX02A0252*	TAMU	37.5	-	59.2
30	Endurance	OSU	35.2	37.5	59.6
31	Coronado	AgriPro	34.2	40.3	57.5
32	TAM W-101	TAMU	33.0	35.9	60.7
33	OK05212*	OSU	32.1	-	60.7
34	Jagalene	AgriPro	31.3	28.1	60.6
35	Bullet	OSU	29.6	38.2	60.7
36	AP503CL2*	AgriPro	27.7	-	59.6
37	TAM 112	TAMU	25.3	32.9	60.5
38	TAM 111	TAMU	25.2	27.9	61.1

	<b>Mean</b>	<b>47.3</b>	<b>44.4</b>	<b>61.3</b>
	<b>CV (%)</b>	<b>17.5</b>		
	<b>LSD (5%)</b>	<b>11.2</b>		

\* Experimental wheat breeding line

<sup>†</sup> yield average for 2010 and 2007

*Yields were not available for 2009 or 2008.*

Note to user: High CV suggests caution in using this data set alone.



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