

2010 Texas Wheat Variety Results

2010



Department of Soil and Crop Sciences

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Texas Uniform Wheat Variety Trials

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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.

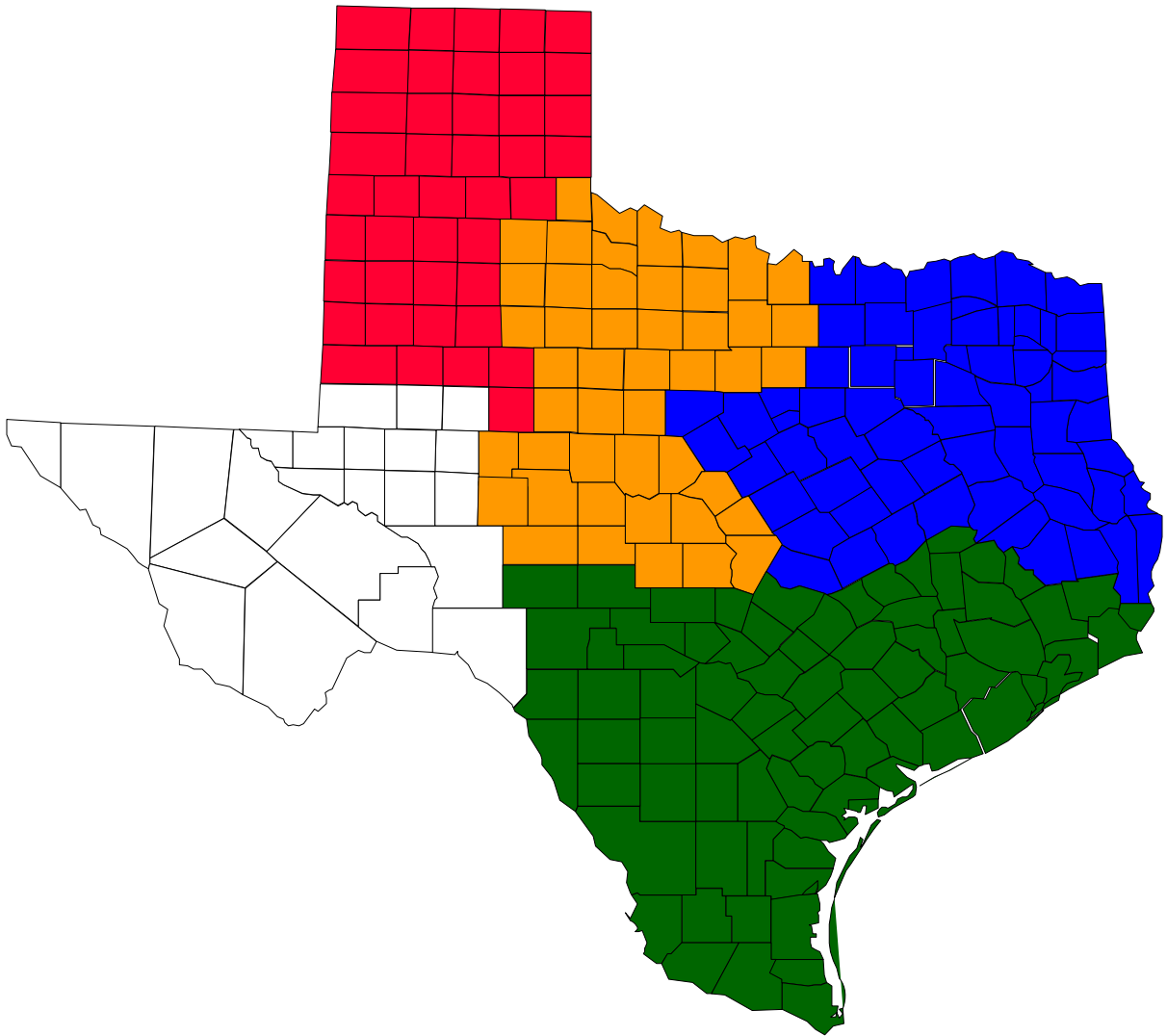
When selecting a variety for the 2010-11 season, producers need to consider the 2009-10 season, recognizing the unusually wet, cold conditions that impacted yield and quality. It is strongly encouraged that producers look at the 2 and 3 year averages for the varieties and to look at numerous relevant 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 20th 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 ¹ | Yield Limiting Issues | Planting Date | Fertilizer (Total) (lb N/a) | Row Spacing inch | Pesticide Applied | Date Appl. |
|-----------------------------------|---|---------------|--------------------------------|---------------------|--|----------------------------|
| Ellis County² | Wet fall; Dry Spring | 11/5/09 | 105 | 7 | Amber (1/2 oz/a) | 11/15/2010 |
| Grayson County² | Wet fall; Dry Spring | 11/18/09 | 105 | 7 | Amber (1/2 oz/a) | 11/24/2010 |
| Hillsboro (AgriPro) | Moderate leaf and stripe rust | 11/18/09 | Cooperator applied | 7 | Cooperator applied | -- |
| Howe | 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 |
| McGregor² | 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 |
| Muenster (AgriPro) | Moderate leaf and stripe rust | 11/13/09 | Cooperator applied | 7 | Cooperator applied | -- |
| Royse City | 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 |

¹All locations were planted into conventionally tilled soil and were grown under dryland conditions.

²These 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 [†] | 3-Year [‡] | 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 |

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| Mean | 56.7 | 51.8 | 50.9 | 61.1 |
| CV (%) | 8.0 | | | |
| LSD (5%) | 6.2 | | | |

* Experimental wheat breeding line

[†] yield average for 2010 and 2008

[‡] 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 [†] | 3-Year [‡] | 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 |

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| Mean | 52.7 | 53.4 | 57.7 | 60.1 |
| CV (%) | 7.4 | | | |
| LSD (5%) | 5.4 | | | |

* Experimental wheat breeding line

[†] yield average for 2010 and 2008

[‡] 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 [†] | 3-Year [‡] |
| 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**

† yield average for 2010 and 2009 **LSD (5%) 8.0**

‡ 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 [†] | 3-Year [‡] | 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 |

| | | | | |
|-----------------|-------------|-------------|-------------|-------------|
| Mean | 53.7 | 63.2 | 60.4 | 58.7 |
| CV (%) | 12.1 | | | |
| LSD (5%) | 8.7 | | | |

* Experimental wheat breeding line

[†] yield average for 2010 and 2009

[‡] 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 [†] |
| 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**

[†] 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 [†] | 3-Year [‡] | 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**

[†] yield average for 2010 and 2008

[‡] 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 [†] | 3-Year [‡] |
| 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

[†] yield average for 2010 and 2008

[‡] 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 [†] | 3-Year [‡] |
| 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

[†] yield average for 2010 and 2009

[‡] 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 [†] | 3-Year [‡] | 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 | Terrall LA 821 | Terrall Seed | 69.8 | - | - | 59.1 |
| 10 | Terrall 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 | Terrall 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

[†] yield average for 2010 and 2009

[‡] 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 [†] | 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 | |
| | | | Mean | 63.7 | 63.6 | 59.6 |
| "Experimental Lines | | | CV (%) | 6.6 | | |
| **Hard Wheat Varieties | | | LSD (5%) | 4.9 | | |
| † 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 [†] | 3-Year [‡] | 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 ¹ | - | 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 ¹ | - | 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**

[†] yield average for 2010 and 2009

[‡] yield average for 2010, 2009, and 2008

¹ 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 | Terrall LA 841 | Terrall Seed | 63.3 | 70.5 |
| 3 | USG 3295 | UniSouth Genetics | 62.6 | - |
| 4 | USG 3350 | UniSouth Genetics | 60.0 | - |
| 5 | Dyna-Gro Baldwin | Dyna-Gro | 59.7 | - |
| 6 | LA01110D-150* | LSU | 59.1 | - |
| 7 | Arcadia (D05*6441) | AgriPro | 59.0 | - |
| 8 | LA01110D-84-2-C* | LSU | 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* | LSU | 54.2 | - |
| 15 | Fannin** | AgriPro | 53.8 | 60.8 |
| 16 | Terrall LA 821 | Terrall Seed | 53.6 | - |
| 17 | AGS 2060 | AgSouth Genetics | 50.1 | - |
| 18 | Magnolia | AgriPro | 50.0 | 60.8 |
| 19 | Terrall 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 | Dyna-Gro 9012 (WX09602) | Dyna-Gro | 46.7 | - |
| 26 | Crawford | AgriPro | 46.6 | 58.9 |
| 27 | Terrall 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 | Terrall TVX8551 | Terrall Seed | 45.0 | - |
| 32 | USG 3452 | UniSouth Genetics | 44.8 | - |
| 33 | GA031238-DH7-7E34* | UGA | 44.8 | - |
| 34 | LA01029D-139-3* | LSU | 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 [†] | 2010 |
| 1 | Terrall 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 | Terrall TV8558 | Terrall Seed | 79.5 | 77.3 | 57.7 |
| 6 | Arcadia | AgriPro | 78.3 | - | 59.3 |
| 7 | Magnolia | AgriPro | 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 | Terrall 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 |

| | | | | |
|--|-----------------|-------------|-------------|-------------|
| | Mean | 74.1 | 80.0 | 58.2 |
| *Experimental Lines | CV (%) | 8.2 | | |
| [†] yield average for 2010 and 2009 | LSD (5%) | 7.0 | | |

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 [†] | 3-Year [‡] | 2010 | |
| 1 | Pioneer 25R57 | Pioneer | 81.2 | 77.8 | - | 58.5 | |
| 2 | USG 3295 | UniSouth Genetics | 81.1 | 82.7 | - | 59.4 | |
| 3 | Terrall 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 | |
| | | | Mean | 74.8 | 77.7 | 76.2 | 59.5 |
| "Experimental Lines | | | CV (%) | 8.8 | | | |
| **Hard Wheat Varieties | | | LSD (5%) | 7.6 | | | |

"Experimental Lines

CV (%)

8.8

**Hard Wheat Varieties

LSD (5%)

7.6

[†] yield average for 2010 and 2009

[‡] yield average for 2010, 2009, and 2008

High Plains Location Details and Issues

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

¹All locations were conventionally tilled except for **Floyd Co.**

²BYDV – 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 [†] | 3-Year [‡] | 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 |

| | | | | | |
|---|-----------------|-------------|-------------|-------------|-------------|
| | Mean | 36.1 | 26.1 | 21.3 | 58.2 |
| | CV (%) | 5.9 | | | |
| | LSD (5%) | 3.5 | | | |
| * Experimental wheat breeding line | | | | | |
| [†] yield average for 2010 and 2009 | | | | | |
| [‡] 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 [†] | 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

[†] 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 [†] | 3-Year [‡] | 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 |

| | | | | | |
|-----------------|-------------|-------------|-------------|-------------|-------------|
| Mean | 54.5 | 43.7 | 60.3 | 58.0 | 11.8 |
| CV (%) | 11.6 | | | | |
| LSD (5%) | 10.3 | | | | |

* Experimental wheat breeding line

[†] yield average for 2010 and 2008

[‡] 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 [†] | 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

[†] yield average for 2010 and 2007

[‡] 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 [†] | 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

[†] yield average for 2010 and 2007

LSD (5%) 7.2

[‡] 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 [†] | 3-Year [‡] | |
| 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 | 35.6 | |
| 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 | - | |
| | | | Mean | 45.7 | 30.9 | 38.1 |
| | | | CV (%) | 9.9 | | |
| | | | LSD (5%) | 7.4 | | |

* Experimental wheat breeding line

[†] yield average for 2010 and 2009

[‡] 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 [†] | 3-Year [‡] | 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 |

| | | | | | |
|---|-----------------|-------------|-------------|-------------|-------------|
| | Mean | 60.0 | 44.6 | 40.2 | 58.0 |
| | CV (%) | 7.2 | | | |
| | LSD (5%) | 7.1 | | | |
| * Experimental wheat breeding line | | | | | |
| [†] yield average for 2010 and 2009 | | | | | |
| [‡] 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 |

| | | | | |
|---|-----------------|-------------|-------------|-------------|
| | Mean | 47.6 | 56.1 | 14.2 |
| | CV (%) | 11.8 | | |
| <i>Yield Data was only available for 2010</i> | LSD (5%) | 9.1 | | |

Uniform Wheat Variety Trial - Hereford - Dryland, HRWW 2010

| 2010 Rank | Variety | Source | Grain Yield (bu/ac) | | Test Weight (lb/bu) | Protien % |
|--------------|-----------------------|--------------------|------------------------|---------------------|------------------------|--------------|
| | | | 2010 | 2-Year [†] | 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

[†] 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 [†] |
| 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

[†] 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 [†] | 3-Year [‡] |
| 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

[†] yield average for 2010 and 2009

[‡] yield average for 2010, 2009, and 2008

Rolling Plains Location Details and Issues

| Location ¹ | Yield Limiting Issues | Planting Date | Fertilizer (Total) (lb N/a) | Water* | Row Spacing inch | Seeding Rate lb/a |
|----------------------------------|---|---------------|--------------------------------|--------|---------------------|----------------------|
| Abilene | Moderate stripe rust; Low leaf rust; Some BYDV ² | 10/27/2009 | Cooperator Applied | D | 7 | 60 |
| Brady³ | Greenbugs Early, Minor Lodging | 11/4/2009 | 96 | D | 7 | 80 ³ |
| Chillicothe | Moderate stripe rust; Low leaf rust; Some BYDV ² | 10/19/2009 | 80 | D | 7 | 60 |
| Hardeman Grain | Moderate stripe rust; Low leaf rust; Some BYDV ² | 10/26/2009 | Cooperator Applied | D | 7 | 60 |
| Knox Co. (AgriPro) | Moderate stripe rust; Low leaf rust | 11/18/2009 | Cooperator applied | D | 7 | 60 |
| Vernon (AgriPro) | Heavy stripe rust, Moderate leaf rust | 11/11/2009 | 115 | D | 7 | 60 |
| Vernon (AgriPro) | Heavy stripe rust, Moderate leaf rust | 11/12/2009 | 145 | IL | 7 | 60 |
| Wichita Co. (AgriPro) | Poor Emergence, Variable Stands; Data Not Shown | 11/13/2009 | Cooperator applied | D | 7 | 60 |
| Young Co. (AgriPro) | Heavy stripe rust, Moderate leaf rust | 11/18/2009 | Cooperator applied | D | 7 | 60 |

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

² BYDV – Barley Yellow Dwarf Virus

³Brady 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 [†] | 3-Year [‡] | 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 |

| | | | | | |
|---|-----------------|-------------|-------------|-------------|-------------|
| | Mean | 44.4 | 58.8 | 60.6 | 59.4 |
| | CV (%) | 9.5 | | | |
| | LSD (5%) | 7.0 | | | |
| * Experimental wheat breeding line | | | | | |
| [†] yield average for 2010 and 2008 | | | | | |
| [‡] 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 [†] | 3-Year [‡] | 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 |

| | | | | | |
|---|-----------------|-------------|-------------|-------------|-------------|
| | Mean | 54.9 | 44.4 | 43.8 | 55.3 |
| | CV (%) | 12.0 | | | |
| [†] yield average for 2010 and 2009 | LSD (5%) | 9.0 | | | |
| [‡] 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 [†] | 3-Year [‡] | 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 |

| | | | | | |
|--|-----------------|-------------|-------------|-------------|-------------|
| | Mean | 50.9 | 44.5 | 50.2 | 60.3 |
| | CV (%) | 7.6 | | | |
| | LSD (5%) | 6.4 | | | |
| * 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 |

Mean 50.6 49.5 60.1

CV (%) 12.3

LSD (5%) 10.4

* 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 [†] | 3-Year [‡] |
| 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 |

| | | | |
|-----------------|-------------|-------------|-------------|
| Mean | 34.7 | 33.9 | 37.5 |
| CV (%) | 8.2 | | |
| LSD (5%) | 4.8 | | |

* experimental wheat breeding line

[†] yield average for 2010 and 2007

[‡] 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 [†] | 3-Year [‡] |
| 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 |

| | | | |
|-----------------|-------------|-------------|-------------|
| Mean | 46.4 | 52.5 | 53.4 |
| CV (%) | 11.9 | | |
| LSD (5%) | 9.1 | | |

* experimental wheat breeding line

[†] yield average for 2010 and 2007

[‡] 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 [†] | 3-Year [‡] |
| 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 |

| | | | |
|-----------------|-------------|-------------|-------------|
| Mean | 49.3 | 61.2 | 59.2 |
| CV (%) | 10.4 | | |
| LSD (5%) | 8.6 | | |

* experimental wheat breeding line

[†] yield average for 2010 and 2007

[‡] 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 [†] | 3-Year [‡] |
| 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 |

| | | | |
|-----------------|-------------|-------------|-------------|
| Mean | 32.9 | 42.5 | 43.2 |
| CV (%) | 14.5 | | |
| LSD (5%) | 7.9 | | |

* experimental wheat breeding line

[†] yield average for 2010 and 2007

[‡] yield average for 2010, 2008, and 2007

Yield data was not available for 2009

South Texas Location Details and Issues

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

¹All 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 |

| | | | | | |
|--|-----------------|-------------|-------------|-------------|-------------|
| | Mean | 71.4 | 62.9 | 62.5 | 57.9 |
| | CV (%) | 15.6 | | | |
| | LSD (5%) | 15.0 | | | |

* 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, HRSW¹ 2010

| 2010 Rank | Variety | Source | Yield (bu/ac) | | | Test Weight (lb/bu) | |
|-----------|-----------|--------------|-----------------|---------------------|---------------------|---------------------|-------------|
| | | | 2010 | 2-Year [†] | 3-Year [‡] | 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 | |
| | | | Mean | 60.0 | 61.9 | 57.2 | 60.1 |
| | | | CV (%) | 15.6 | | | |
| | | | LSD (5%) | 13.1 | | | |

[†] yield average for 2010 and 2009

[‡] yield average for 2010, 2009, and 2008

¹Hard 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 [†] | 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 |

| | | | | |
|--|-----------------|-------------|-------------|-------------|
| | Mean | 47.3 | 44.4 | 61.3 |
| | CV (%) | 17.5 | | |
| | LSD (5%) | 11.2 | | |

* Experimental wheat breeding line

[†] 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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