SCS-2014-04

2014

Texas Wheat Variety Trial Results

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TEXAS A&M AGRILIFE EXTENSION

TEXAS A&M AGRILIFE RESEARCH

2014
Texas Wheat Uniform Variety Trials

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Texas A&M AgriLife Extension Service

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Introduction

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

During the 2013-2014 wheat production season, Texas producers planted 6.2 million acres of wheat, up from 2013 (5.9 million acres), according to the National Agricultural Statistics Service (NASS). Texas wheat producers harvested 54 million bushels of grain, (state average of 25 bu/a), down 15% from 2013. Good yields were reported in the Blacklands and South-Central Texas, while the severe drought continued to plague both the High Plains and Rolling Plains, which reduced the yield potential in both of those areas.

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

Variety Selection:

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

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

When selecting a variety for the 2014-15 season, producers need to consider multiple year averages, recognizing the unusual climatic conditions that impacted yield and quality over the past several years. It is strongly encouraged that producers look at the 3 and 4-year averages where available, and to look at numerous relevant variety trial locations. There are

typically 20+ wheat variety trials conducted across the state each year, and most of these contain analyses for multiple years.

Interpreting the Data:

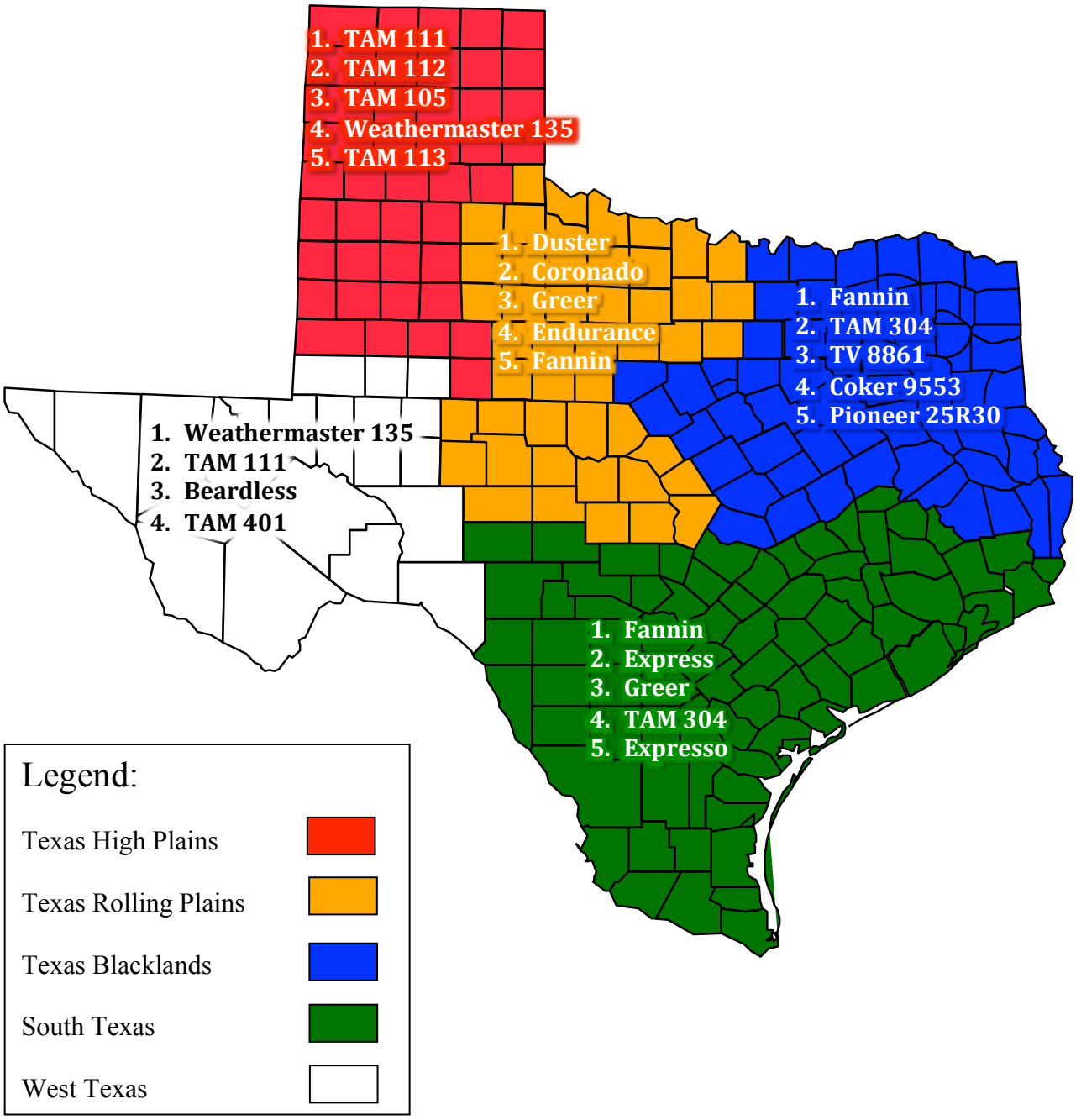
Yield and test weight at each location have been analyzed using appropriate statistical procedures. The statistical analysis provides the mean, CV, and LSD values. It is important to note these statistical values to prevent misinterpretation of any replicated data.

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

The CV (Coefficient of Variation) value, expressed as a percentage, indicates the level of unexplained variability present within the trial. A high CV value indicates a lot of variability existed within the trial not related to normal variations that might be expected between the varieties in the test. This variability may be the result of non-uniform stands, non-uniform insect or disease pressure, variability in harvesting, or other issues. CV values in excess of 15% signify that there were problems in the trial, leading the reader to question the validity of the data as a true representation of varietal performance.

The LSD (Least Significant Difference) value is a numeric range to help the reader determine if the varieties performed differently from one another within the trial. If the LSD value is 5 bu/ac in a trial in which Variety A yielded 36 bu/a and Variety B yielded 30 bu/a, then Variety A is said to be significantly better. In that same trial with an LSD value of 5 bu/ac at a 0.05 (5%) significance level, the statistical inference one could say is that Variety A would yield better than Variety B in 19 out of 20 trials conducted in which there was at least a 5 bushel difference in yield. In this hypothetical comparison, you might have a 20^{th} trial with a 5 bu/ac difference that there is not truly a difference between Variety A and B, but random chance caused the 5 bushel difference.

Texas Wheat Regions Map: Top 5 Planted Varieties by Region, 2014 Survey



Data retrieved from NASS 2014 Wheat Survey

2014 Texas Region Overview

Texas Blacklands:
The Texas Blacklands had a good growing season for winter wheat compared to much of the rest of the state. Rainfall throughout both September and October allowed for sufficient moisture for wheat establishment. Cooler weather and sufficient rainfall through December enabled the crop to maintain a good stand. However, colder temperatures throughout the late winter and early spring along with below normal precipitation did not promote much growth during this time. An abrupt cold snap in early March burnt back much of the foliage, but plants were able to recover. Then a second freeze event in mid-April resulted in some lost production to a portion of wheat acres across the central Blacklands. Late season rainfall events made harvesting a challenge and caused some seeds to sprout within the heads. Neither insects nor diseases were a substantial concern throughout this area during the 2013-2014 wheat season.

Texas High Plains:
Producers in the Texas High Plains struggled this winter with a continuing severe drought. Rainfall events were few and far between, which did little to get a winter crop established. Most fields that were not under irrigation did not survive the winter due both to water availability and cold temperatures. Rainfall throughout this region ranged from 4-6 inches all season long. Temperatures started off normal for planting and were only slightly below normal for the winter and spring. Mites were an issue in some areas around the high plains. Diseases were not a major problem in winter small grain fields in this area.

Texas Rolling Plains:
The Texas Rolling Plains producers experienced a dry year for winter small grain production compared to the previous years. Early season rainfall in September and October allowed for good seedling emergence if fields were planted timely with rainfall; however, the elevated temperatures during this time did not allow the moisture to remain in the upper portion of the soil profile for an extended time. Not unlike many other areas of the state, both rainfall and temperatures were below normal during the late winter and spring seasons. Rainfall increased with temperatures later in April and early May. Like the rest of the state, insects and diseases were not a major problem this year.

South Texas:
In the southern part of the state, winter planting was a challenge to accomplish between rainfall events in September; however, sufficient rainfall throughout the remainder of the fall allowed for good emergence and establishment. Below normal temperatures and rainfall during the winter limited growth, but these cooler temperatures and higher rainfall later in the growing season significantly increased spring growth. Producers in this region had issues harvesting due to the frequent and abundant amounts of rainfall throughout April and May. As with much of the state, insects and diseases were not a significant issue throughout the growing season.

Texas 2014 Hard Wheat Characteristics[1]

Variety	Source	First Year Sold	Maturity Group	Height (inches)[2]	Leaf Rust	Stripe Rust	Stem Rust	Septoria Leaf Blotch	Powdery Mildew	Wheat Streak Mosaic	Barley Yellow Dwarf	Green-bug	Hessian Fly
Armour	Monsanto	2008	Med Early	25	MR	MS	R	MR	R	S	MS	S	MS
Billings	OSU	2009	Early	25	MR	MR	R	MR	MS	S	MR	S	MS
Brawl CL2	CWRF	2011	Medium	28	MS	MS	MS	-	MS	-	-	-	-
Byrd	CSU	2011	Medium	28	S	S	S	-	MR	-	-	-	-
CJ	Syngenta	2011	Medium	30	S	R	R	-	-	-	-	-	-
Coronado	Syngenta	1994	Medium	28	S	MR	R	-	MS	-	-	S	MR
Denali	CSU	2011	Medium	28	S	MR	R	-	MS	-	-	-	-
Doans	Syngenta	2007	Medium	27	MR	R	R	MR	MR	-	-	S	S
Duster	OSU	2006	Med Early	26	R	MR	R	MS	MR	S	MR	S	R
Endurance	OSU	2004	Medium	27	MS	MS	R	MS	MR	S	MR	S	MS
Everest	KSU	2010	Early	25	R	MS	R	-	MR	-	-	-	-
Fannin	Syngenta	2005	Early	27	MS	R	R	-	R	-	-	S	S
Gallagher	OSU	2013	Medium	28	MR	R	R	-	MR	-	-	-	-
Garrison	OSU	2013	Medium	26	MS	S	R	-	MR	-	-	-	-
Greer	Syngenta	2010	Medium	27	S	MR	R	-	MS	-	-	-	-
Hatcher	CSU	2004	Medium	26	S	MS	R	-	MS	-	-	-	-
Iba	OSU	2013	Medium	26	R	R	R	-	MR	-	-	-	-
Jackpot	Syngenta	2008	Medium	26	S	MR	R	-	MS	-	MS	S	S
LCS Mint	Limagrain	2012	Med Late	29	S	MR	MS	-	MS	-	-	-	-
LCS Wizard	Limagrain	2012	Med Late	27	R	MR	-	-	R	-	-	-	-
Razor	Syngenta	2014	Medium	30	R	R	-	-	R	-	-	-	-
Ruby Lee	OSU	2011	Medium	28	S	MS	R	-	MS	-	-	-	-
T153	Limagrain	2012	Medium	25	MS	MR	R	-	R	-	-	-	-
T158	Limagrain	2009	Medium	25	S	MR	S	-	MR	-	-	-	-
TAM 111	TAMU	2003	Medium	28	S	MR	R	MR	MR	MS	MS	S	MS
TAM 112	TAMU	2005	Med Early	27	S	S	R	MR	R	MR	MS	MR	S
TAM 113	TAMU	2012	Medium	26	R	R	R	-	MS	MS	-	-	-
TAM 114 (TX07A001505)	TAMU	2014	Medium	27	R	R	R	-	R	MS	-	S	MR
TAM 204 (TX06V7266)	TAMU	2014	Medium	27	MS	MR	R	-	MR	MR	-	MR	R
TAM 304	TAMU	2007	Med Early	25	R	MR	R	-	MR	MS	MS	S	S
TAM 305	TAMU	2013	Med Early	25	R	R	R	-	MR	-	-	-	-
TAM 401	TAMU	2008	Early	27	MR	R	R	-	MR	MS	-	S	S
TAM W-101	TAMU	1971	Med Late	27	MS	MR	R	-	S	-	-	-	-
WB4458	Monsanto	2013	Med Early	28	MS	MR	R		MS				
WB-Cedar	Monsanto	2011	Early	24	R	MR	R	-	R	-	-	-	-
WB-Grainfield	Monsanto	2013	Medium	29	MS	R	R	-	MS	-	-	-	-
WB-Redhawk	Monsanto	2013	Medium	28	R	MS	R	-	MS	-	-	-	-
Weathermaster 135	Unknown	Unknown	Medium	27	MR	MS	S	-	MS	-	-	-	-
Winterhawk	Monsanto	2007	Medium	28	S	MS	S	-	MS	-	-	-	-

[1]S-Susceptible, MS-Moderately Susceptible, MR-Moderately Resistant, and R-Resistant. ALL ratings are subject to change as re-evaluation occurs.
[2]Heights are an average across the Texas Panhandle.

Texas 2014 Soft Wheat Characteristics[1]

Variety	Source	First Year Sold	Maturity Group	Leaf Rust	Stripe Rust	Awned / Awnless
25R30	Pioneer	2011	Late	R	R	Awned
25R39	Pioneer	2007	Late	R	R	Awnless
25R40	Pioneer	2011	Late	R	R	Awned
AGS 2026	AgSouth Genetics	2008	Early	R	R	Awned
AGS 2035	AgSouth Genetics	2010	Medium	R	MR	Awned
AGS 2038	AgSouth Genetics	2012	Medium Late			Awned
AGS 2060	AgSouth Genetics	2009	Medium	R	R	Awned
Arcadia	Syngenta	-	Medium	R	S	Awned
Coker 9553	Syngenta	2006	Medium	R	R	Awned
Coker 9700	Syngenta	-	Early	R	MS	Awned
Crawford	Syngenta	2001	Medium	MR	R	Awned
LA821	Terral	2007	Early	R	R	Awned
LA841	Terral	2005	Early	R	MR	Awned
Magnolia	Syngenta	1994	Medium	R	MR	Awned
Oakes	Syngenta	2009	Medium	R	R	Awnless
P 117	Progeny	2009	Early	S	R	Awnless
P 125	Progeny	2010	Early	S	MR	Awnless
P 185	Progeny	2008	Medium	S	MR	Awnless
P 308	Progeny	2012	Medium Early	S	MR	Awnless
P 357	Progeny	2011	Medium Early	S	R	Awned
P 870	Progeny	2011	Medium Early	S	R	Awned
SY Harrison	Syngenta	2012	Late	R	R	Awned
TV8525	Terral	2011	Medium	R	R	Awned
TV8535	Terral	2011	Medium	R	R	Awned
TV8848	Terral	2010	Late	R	R	Awned
TV8861	Terral	2010	Late	R	R	Awned
USG 3120	UniSouth Genetics	2011	Medium	R	MR	Awned
USG 3201	UniSouth Genetics	2001	Medium	MR	MR	Awned
USG 3209	UniSouth Genetics	1994	Medium	R	MS	Awnless
USG 3251	UniSouth Genetics	2010	Late	R	R	Awned
USG 3409	UniSouth Genetics	2008	Medium	MR	MR	Awnless
USG 3555	UniSouth Genetics	2007	Medium	R	R	Awnless
USG 3833	UniSouth Genetics	2013	Late	R	R	Awnless
USG 3993	UniSouth Genetics	2013	Late	R	MS	Awnless

[1]S - Susceptible, MS - Moderately Susceptible, MR - Moderately Resistant, and R - Resistant

All ratings are subject to change as re-evaluation occurs.

Statewide Regional Muti-Year Summaries

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Uniform Wheat Variety Trial: 4-Year Regional Summary

Blacklands (16 Site-Years)			High Plains (9 Site-Years)			Rolling Plains (12 Site-Years)			South Texas (9 Site-Years)		
Rank	Variety	Average Yield	Rank	Variety	Average Yield	Rank	Variety	Average Yield	Rank	Variety	Average Yield
		-- bu/a --			-- bu/a --			-- bu/a --			-- bu/a --
1	Billings	62.4	1	Winterhawk	74.5	1	Jackpot	36.6	1	TAM 304	65.4
2	Greer	62.1	2	Hatcher	72.6	2	Duster	36.0	2	TAM 305	64.4
3	Armour	62.0	3	TAM 113	72.0	3	TAM 304	35.9	3	Billings	62.8
4	TAM 304	59.7	4	TAM 111	71.0	4	Greer	35.0	4	Duster	60.6
5	TAM 401	58.5	5	TAM 304	69.8	5	TAM 305	34.7	5	Armour	60.4
6	Doans	57.5	6	TAM 112	69.5	6	TAM 113	33.2	6	TAM 401	58.3
7	Fannin	57.2	7	Duster	68.9	7	TAM 112	33.0	7	Greer	57.5
8	TAM 305	56.9	8	Greer	68.1	8	Armour	32.7	8	Coronado	53.9
9	Jackpot	56.5	9	TAM 305	67.1	9	Billings	32.6	9	Doans	51.8
10	Duster	55.8	10	Armour	66.4	10	TAM 401	32.0	10	Jackpot	51.4
11	Garrison	55.4	11	Billings	65.8	11	TAM 111	31.1	11	Fannin	47.9
12	TAM 111	54.6	12	TAM W-101	64.2	12	Doans	30.3	12	TAM 111	46.8
13	Coronado	52.7	13	Jackpot	64.1	13	TAM W-101	29.5	13	Garrison	43.6
14	TAM 112	48.8	14	Endurance	63.3	14	Fannin	29.2	14	TAM W-101	42.2
15	TAM W-101	44.7	15	Doans	61.5				15	TAM 112	38.9
			16	TAM 401	57.5						
	LSD (5%)	**2.2**		**LSD (5%)**	**3.1**		**LSD (5%)**	**1.7**		**LSD (5%)**	**4.8**
	CV (%)	**9.4**		**CV (%)**	**8.7**		**CV (%)**	**11.4**		**CV (%)**	**16.5**
	Mean	**56.3**		**Mean**	**67.3**		**Mean**	**33.0**		**Mean**	**53.7**

Data summarized from 2010, 2011, 2012, 2014 for all locations.

Varieties only included with 4 years of trial data.

Locations included:

High Plains: Bushland Irrigated, Perryton Irrigated, and Dawson Irrigated
Rolling Plains: Hardeman, Chillicothe, and Abilene
Blacklands: Ellis County, Hill County, Lamar County, McGregor, and Farmersville
South Texas: College Station, Castroville, and Uvalde

Texas Locations Agronomic Data
Blacklands: 2014

Location[1]	Cooperator(s)	Yield Limiting Issues	Planting Date	Fertilizer (Total lb N/A)	Row Spacing (inch)	Pesticide Applied (Date)
Ellis County	Bob Beakley	Hard Freeze March 2nd	10/24/13	75	7	None
Farmersville	Kenneth Wright	Hard Freeze March 2nd	11/19/13	120	7	Amber 12/19/13
Howe	Jack and Alton Norman Farms	Hard Freeze March 2nd	11/4/13	173	6	None
Lamar County	Ricky Snell	Hard Freeze March 2nd	11/15/13	100	7	None
Leonard	Brad and Ronnie Lumpkins Farms	Hard Freeze March 2nd	11/13/13	173	6	Amber + Cimarron Max (1/22/14)
McGregor	Texas A&M AgriLife Research Farm	Drought; Hard Freeze March 2nd	11/14/13	32	7.5	Weedmaster Dimethoate (2/14/14)
Royse City	Glynn Dodson Farms	Hard Freeze March 2nd	11/19/13	173	6	Axiom DF (1/14/14) Lorsban 4E + Amber (4/1/14) Axial XL (4/9/14)

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

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2014 Uniform Wheat Variety Trial: HRWW, Blackland Regional Summary

2014 Rank	Variety	Developer	2014 Yield (bu/a)						Test Weight[1] (lb/bu)
			Average	Ellis Co.	Farmers-ville	Hill Co.	Lamar Co.	McGre-gor	2014
1	SY Monument (04BC574-2)	Syngenta	**69.2**	70.4	93.1	52.6	83.9	46.2	60.4
2	Iba	OSU	**68.4**	67.5	86.6	53.5	80.9	53.3	61.3
3	WB-Redhawk	Monsanto	**68.1**	61.0	97.5	49.6	82.9	49.6	60.9
4	TAM 114 (TX07A001505)	TAMU	**67.8**	64.9	88.8	47.1	84.1	54.3	61.7
5	TX09A001194*	TAMU	**67.6**	62.0	87.1	48.8	87.2	53.1	61.4
6	Greer	Syngenta	**65.5**	53.3	88.0	49.9	80.8	55.4	58.8
7	Ruby Lee	OSU	**65.4**	68.4	92.0	48.7	71.9	46.0	60.8
8	Gallagher	OSU	**64.9**	52.3	87.5	53.6	81.8	49.2	60.2
9	WB4458	Monsanto	**64.3**	60.9	85.2	51.4	74.0	49.9	60.3
10	Everest	KSU	**63.8**	61.1	91.8	48.4	78.1	39.7	61.3
11	Doans	OSU	**63.5**	59.7	87.2	47.5	75.9	47.4	62.4
12	Billings	OSU	**63.4**	64.5	82.6	42.2	81.9	46.0	60.1
13	Armour	Monsanto	**63.1**	57.5	83.3	45.4	83.6	45.9	59.3
14	SY Drifter (AP09T7631)	Syngenta	**63.0**	54.7	83.9	47.4	82.0	47.0	61.1
15	Jackpot	Syngenta	**62.9**	50.6	88.8	45.8	77.0	52.3	59.7
16	TAM 111	TAMU	**62.4**	54.6	76.3	47.2	83.4	50.3	60.8
17	WB-Cedar	Monsanto	**61.2**	58.0	69.8	53.8	70.8	53.4	59.4
18	TAM 401	TAMU	**60.8**	48.8	79.5	47.3	80.1	48.5	59.1
19	SY LLANO (APH09T9614)	Syngenta	**60.7**	62.8	77.0	45.5	67.4	50.6	62.3
20	TX08V7313*	TAMU	**60.6**	58.1	73.8	44.4	76.9	49.7	60.8
21	TAM 304	TAMU	**60.5**	62.9	81.6	45.5	67.8	44.6	57.5
22	TAM 204 (TX06V7266)	TAMU	**60.3**	54.0	74.7	53.2	70.0	49.4	58.1
23	Duster	OSU	**60.2**	57.9	75.6	49.8	65.1	52.7	60.0
24	TAM 305	TAMU	**59.3**	58.8	78.3	43.6	73.6	42.4	59.9
25	TX08A001249*	TAMU	**58.2**	47.0	80.9	42.4	76.4	44.2	60.2
26	TAM 112	TAMU	**56.7**	42.8	78.0	41.2	75.0	46.5	60.1
27	SY Razor	Syngenta	**54.8**	56.7	76.0	43.2	65.6	32.3	62.0
28	TAM W-101	TAMU	**53.7**	42.9	71.3	47.3	68.6	38.4	59.2
29	TX09D1172*	TAMU	**-**	60.4	90.4	-	89.0	49.1	-
30	CJ	Syngenta	**-**	60.9	68.6	-	69.0	53.3	-
31	Fannin	Syngenta	**-**	55.8	79.8	-	77.0	34.3	-
32	Garrison	OSU	**-**	40.4	77.4	-	79.6	38.4	-
33	Coronado	Syngenta	**-**	44.1	69.5	-	73.3	47.1	-
		LSD (5%)	**3.3**	**7.7**	**8.3**	**6.4**	**8.6**	**7.1**	**0.4**
		CV (%)	**7.2**	**8.3**	**6.2**	**7.5**	**6.9**	**9.2**	**0.9**
		Mean	**62.5**	**56.8**	**81.9**	**47.6**	**76.8**	**47.3**	**60.2**

* Experimental wheat breeding line

[1]Average of Test Weight across locations

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2014 Uniform Wheat Variety Trial: HRWW, Ellis County, TX

Rank	Variety	Developer	Yield (bu/a) 4-Year §	3-Year ‡	2-Year†	2014	Test Weight (lb/bu) 2014
1	TAM 304	TAMU	64.7	64.4	69.6	62.9	57.4
2	Billings	OSU	63.6	62.6	71.2	64.5	61.3
3	Armour	Monsanto	61.0	59.7	63.9	57.5	58.5
4	TAM 401	TAMU	59.2	58.8	64.5	48.8	58.5
5	TAM 305	TAMU	59.1	57.5	66.6	58.8	59.4
6	Fannin	Syngenta	57.9	56.3	61.9	55.8	60.2
7	Doans	OSU	55.2	54.7	62.6	59.7	62.1
8	TAM 111	TAMU	54.6	54.8	60.7	54.6	60.2
9	Duster	OSU	54.0	52.3	56.5	57.9	60.1
10	Jackpot	Syngenta	51.2	50.3	54.9	50.6	58.2
11	Coronado	Syngenta	50.1	49.4	52.1	44.1	60.1
12	TAM 112	TAMU	44.4	44.8	48.4	42.8	59.6
13	TAM W-101	TAMU	42.1	41.6	49.1	42.9	58.0
14	Iba	OSU	-	64.9	71.2	67.5	61.4
15	Greer	Syngenta	-	60.6	66.2	53.3	57.3
16	Gallagher	OSU	-	60.0	68.4	52.3	60.1
17	SY Razor	Syngenta	-	53.3	65.5	56.7	62.0
18	Garrison	OSU	-	50.4	55.6	40.4	58.5
19	WB-Cedar	Monsanto	-	-	74.0	58.0	59.3
20	Ruby Lee	OSU	-	-	73.5	68.4	60.4
21	TAM 114 (TX07A001505)	TAMU	-	-	70.8	64.9	60.3
22	Everest	KSU	-	-	69.0	61.1	61.8
23	SY LLANO (APH09T9614)	Syngenta	-	-	68.4	62.8	62.4
24	TAM 204 (TX06V7266)	TAMU	-	-	67.8	54.0	57.4
25	CJ	Syngenta	-	-	66.3	60.9	61.0
26	SY Monument (04BC574-2)	Syngenta	-	-	-	70.4	59.9
27	TX09A001194*	TAMU	-	-	-	62.0	61.3
28	WB-Redhawk	Monsanto	-	-	-	61.0	59.9
29	WB4458	Monsanto	-	-	-	60.9	59.6
30	TX09D1172*	TAMU	-	-	-	60.4	61.1
31	TX08V7313*	TAMU	-	-	-	58.1	60.0
32	SY Drifter (AP09T7631)	Syngenta	-	-	-	54.7	60.7
33	TX08A001249*	TAMU	-	-	-	47.0	58.6
		LSD (5%)	**4.6**	**5.0**	**6.8**	**7.7**	**0.8**
		CV (%)	**10.4**	**9.6**	**9.2**	**8.3**	**0.8**
		Mean	**55.2**	**55.4**	**63.9**	**56.8**	**59.9**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2011

§ Yield average for 2014, 2012, 2011, and 2010.

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Farmersville, TX

Rank	Variety	Developer	Yield (bu/a) 4-Year §	3-Year ‡	2-Year†	2014	Test Weight (lb/bu) 2014
1	Armour	Monsanto	72.8	74.7	81.9	83.3	60.7
2	TAM 304	TAMU	69.9	72.6	78.8	81.6	58.8
3	Billings	OSU	68.4	71.2	80.3	82.6	63.0
4	TAM 401	TAMU	67.4	67.7	72.7	79.5	60.6
5	TAM 305	TAMU	66.5	68.5	71.6	78.3	62.4
6	Jackpot	Syngenta	66.5	69.8	73.0	88.8	61.5
7	Doans	OSU	65.9	65.7	72.3	87.2	64.3
8	Fannin	Syngenta	64.9	65.2	68.5	79.8	63.6
9	Duster	OSU	62.8	65.7	66.3	75.6	62.0
10	TAM 111	TAMU	60.2	66.1	70.2	76.3	62.5
11	Coronado	Syngenta	60.1	62.7	66.3	69.5	62.5
12	TAM 112	TAMU	58.5	63.3	68.8	78.0	62.5
13	TAM W-101	TAMU	54.1	57.9	58.6	71.3	60.6
14	Gallagher	OSU	-	79.1	83.1	87.5	62.5
15	Iba	OSU	-	75.7	78.3	86.6	62.6
16	Greer	Syngenta	-	74.0	82.9	88.0	60.1
17	SY Razor	Syngenta	-	68.8	74.3	76.0	63.4
18	Garrison	OSU	-	66.9	69.8	77.4	60.1
19	Ruby Lee	OSU	-	-	85.0	92.0	63.1
20	Everest	KSU	-	-	84.0	91.8	63.0
21	WB-Cedar	Monsanto	-	-	79.7	69.8	60.3
22	TAM 114 (TX07A001505)	TAMU	-	-	76.8	88.8	63.4
23	TAM 204 (TX06V7266)	TAMU	-	-	74.1	74.7	58.9
24	CJ	Syngenta	-	-	72.8	68.6	61.9
25	SY LLANO (APH09T9614)	Syngenta	-	-	71.1	77.0	64.1
26	WB-Redhawk	Monsanto	-	-	-	97.5	62.8
27	SY Monument (04BC574-2)	Syngenta	-	-	-	93.1	61.9
28	TX09D1172*	TAMU	-	-	-	90.4	62.8
29	TX09A001194*	TAMU	-	-	-	87.1	63.4
30	WB4458	Monsanto	-	-	-	85.2	62.1
31	SY Drifter (AP09T7631)	Syngenta	-	-	-	83.9	62.8
32	TX08A001249*	TAMU	-	-	-	80.9	63.2
33	TX08V7313*	TAMU	-	-	-	73.8	62.7
	LSD (5%)		**5.4**	**6.2**	**7.9**	**8.3**	**0.7**
	CV (%)		**10.2**	**9.6**	**9.3**	**6.2**	**0.7**
	Mean		**64.5**	**68.7**	**74.4**	**81.9**	**62.1**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2011

§ Yield average for 2014, 2012, 2011, and 2010.

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Hill County, TX (Syngenta)

Rank	Variety	Developer	Yield (bu/a) 3-Year ‡	Yield (bu/a) 2-Year†	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	Duster	OSU	51.3	50.5	49.8	57.0
2	Greer	Syngenta	50.7	49.5	49.9	56.6
3	Armour	Monsanto	50.7	48.1	45.4	56.3
4	Billings	OSU	49.7	44.8	42.2	53.6
5	Jackpot	Syngenta	49.3	46.9	45.8	57.7
6	Doans	OSU	48.2	46.5	47.5	59.8
7	TAM 304	TAMU	47.4	48.3	45.5	54.3
8	TAM 111	TAMU	47.1	45.2	47.2	59.5
9	TAM 401	TAMU	46.2	45.3	47.3	55.8
10	TAM 305	TAMU	45.0	44.6	43.6	57.5
11	TAM W-101	TAMU	42.4	43.4	47.3	58.0
12	TAM 112	TAMU	41.0	43.7	41.2	57.0
13	Iba	OSU	-	53.3	53.5	58.5
14	Gallagher	OSU	-	53.2	53.6	57.4
15	SY Razor	Syngenta	-	45.8	43.2	60.6
16	WB-Cedar	Monsanto	-	-	53.8	56.5
17	TAM 204 (TX06V7266)	TAMU	-	-	53.2	55.5
18	SY Monument (04BC574-2)	Syngenta	-	-	52.6	57.6
19	WB4458	Monsanto	-	-	51.4	59.2
20	WB-Redhawk	Monsanto	-	-	49.6	58.8
21	TX09A001194*	TAMU	-	-	48.8	58.8
22	Ruby Lee	OSU	-	-	48.7	58.5
23	Everest	KSU	-	-	48.4	57.2
24	SY Drifter (AP09T7631)	Syngenta	-	-	47.4	60.4
25	TAM 114 (TX07A001505)	TAMU	-	-	47.1	58.5
26	SY LLANO (APH09T9614)	Syngenta	-	-	45.5	60.8
27	TX08V7313*	TAMU	-	-	44.4	57.1
28	TX08A001249*	TAMU	-	-	42.4	53.4
	LSD (5%)		**3.2**	**3.6**	**6.4**	**--**
	CV (%)		**7.2**	**6.6**	**7.5**	**--**
	Mean		**47.4**	**47.3**	**47.6**	**57.6**

* Experimental wheat breeding line

† Yield average for 2014 and 2011

‡ Yield average for 2014, 2011, and 2010

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Lamar County, TX

Rank	Variety	Developer	Yield (bu/a) 2-Year†	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	Armour	Monsanto	77.4	83.6	60.5
2	Greer	Syngenta	77.4	80.8	59.8
3	TAM 401	TAMU	76.7	80.1	59.8
4	Jackpot	Syngenta	75.3	77.0	60.4
5	Gallagher	OSU	75.1	81.8	61.8
6	Ruby Lee	OSU	74.6	71.9	60.3
7	TAM 111	TAMU	73.9	83.4	62.0
8	CJ	Syngenta	73.7	69.0	60.4
9	Doans	OSU	73.7	75.9	62.3
10	Iba	OSU	73.6	80.9	62.1
11	TAM 114 (TX07A001505)	TAMU	73.2	84.1	62.6
12	Everest	KSU	72.7	78.1	62.1
13	Garrison	OSU	72.7	79.6	60.8
14	TAM 204 (TX06V7266)	TAMU	72.6	70.0	58.8
15	WB-Cedar	Monsanto	72.4	70.8	59.6
16	Fannin	Syngenta	72.1	77.0	62.8
17	TAM 112	TAMU	71.9	75.0	61.6
18	Billings	OSU	69.8	81.9	62.3
19	Coronado	Syngenta	68.9	73.3	61.8
20	TAM 305	TAMU	67.5	73.6	60.8
21	SY Razor	Syngenta	66.5	65.6	62.5
22	TAM 304	TAMU	63.9	67.8	58.1
23	SY LLANO (APH09T9614)	Syngenta	62.9	67.4	63.2
24	Duster	OSU	59.8	65.1	60.5
25	TAM W-101	TAMU	58.9	68.6	60.3
26	TX09D1172*	TAMU	-	89.0	61.9
27	TX09A001194*	TAMU	-	87.2	62.8
28	SY Monument (04BC574-2)	Syngenta	-	83.9	60.4
29	WB-Redhawk	Monsanto	-	82.9	60.8
30	SY Drifter (AP09T7631)	Syngenta	-	82.0	61.4
31	TX08V7313*	TAMU	-	76.9	62.4
32	TX08A001249*	TAMU	-	76.4	61.8
33	WB4458	Monsanto	-	74.0	61.1
		LSD (5%)	**5.7**	**8.6**	**1.1**
		CV (%)	**6.8**	**6.9**	**1.1**
		Mean	**71.3**	**76.8**	**61.2**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, McGregor, TX

Rank	Variety	Developer	Yield (bu/a) 3-Year ‡	Yield (bu/a) 2-Year†	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	Billings	OSU	60.7	49.2	46.0	55.9
2	CJ	Syngenta	55.3	49.4	53.3	60.9
3	Greer	Syngenta	52.8	47.5	55.4	58.7
4	Duster	OSU	50.8	46.3	52.7	58.3
5	Armour	Monsanto	49.8	40.3	45.9	58.5
6	TAM 304	TAMU	49.0	42.4	44.6	56.5
7	Doans	OSU	47.9	44.7	47.4	61.7
8	TAM 305	TAMU	46.2	39.3	42.4	57.8
9	TAM 401	TAMU	45.9	40.0	48.5	58.4
10	Jackpot	Syngenta	45.1	39.2	52.3	59.6
11	Fannin	Syngenta	43.6	37.1	34.3	58.8
12	TAM 111	TAMU	42.0	39.1	50.3	59.0
13	Coronado	Syngenta	41.0	38.6	47.1	59.4
14	Garrison	OSU	37.5	33.7	38.4	59.3
15	TAM 112	TAMU	33.9	33.1	46.5	57.8
16	TAM W-101	TAMU	28.3	28.2	38.4	58.2
17	WB-Cedar	Monsanto	-	55.6	53.4	59.4
18	Iba	OSU	-	50.4	53.3	60.2
19	Gallagher	OSU	-	49.4	49.2	57.2
20	TAM 114 (TX07A001505)	TAMU	-	47.0	54.3	61.4
21	SY LLANO (APH09T9614)	Syngenta	-	45.7	50.6	61.0
22	TAM 204 (TX06V7266)	TAMU	-	44.4	49.4	58.1
23	Everest	KSU	-	41.6	39.7	60.0
24	Ruby Lee	OSU	-	41.2	46.0	60.0
25	SY Razor	Syngenta	-	35.7	32.3	60.5
26	TX09A001194*	TAMU	-	-	53.1	59.1
27	WB4458	Monsanto	-	-	49.9	58.8
28	TX08V7313*	TAMU	-	-	49.7	59.2
29	WB-Redhawk	Monsanto	-	-	49.6	60.6
30	TX09D1172*	TAMU	-	-	49.1	60.3
31	SY Drifter (AP09T7631)	Syngenta	-	-	47.0	59.6
32	SY Monument (04BC574-2)	Syngenta	-	-	46.2	59.5
33	TX08A001249*	TAMU	-	-	44.2	59.6
	LSD (5%)		**4.4**	**5.2**	**7.1**	**0.9**
	CV (%)		**10.2**	**10.8**	**9.2**	**1.0**
	Mean		**45.6**	**42.4**	**47.3**	**59.2**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2010

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: SRWW, Northeast Texas Blackland Regional Summary

2014 Rank	Variety	Developer	2014 Yield (bu/a)						Test Weight (lb/bu)[1]
			Average	Ellis Co.	Farmers-ville	Hill Co.	Lamar Co.	McGre-gor	2014
1	ARGA04510-11LE24*	UARK/UGA	**82.3**	89.2	96.2	68.9	93.0	64.4	58.1
2	USG 3201	UniSouth Genetics	**76.0**	80.9	95.7	72.8	85.5	45.2	60.2
3	PGX 13-6*	Progeny	**75.5**	75.4	91.1	74.1	90.4	46.4	57.8
4	Dyna-Gro WX13622*	Dyna-Gro Seeds	**75.3**	73.1	90.3	73.9	93.2	46.2	58.2
5	Dyna-Gro 9012	Dyna-Gro Seeds	**75.3**	73.3	93.0	78.0	85.6	46.5	60.4
6	Dyna-Gro WX13631*	Dyna-Gro Seeds	**75.0**	69.0	94.6	71.8	84.1	55.4	60.0
7	PGX 13-4*	Progeny	**74.5**	78.0	90.3	73.8	86.0	44.6	57.9
8	USG 3833	UniSouth Genetics	**74.3**	71.0	90.2	76.5	92.3	41.6	58.3
9	AGS 2056	AgSouth Genetics	**74.2**	74.9	91.6	69.3	89.0	46.1	56.5
10	TV 8861	Terral	**74.0**	77.3	97.0	68.3	80.2	47.1	58.8
11	25R40	Pioneer	**73.4**	83.4	87.5	66.0	84.1	46.2	58.5
12	25R39	Pioneer	**73.4**	76.6	91.0	60.4	90.4	48.6	59.0
13	USG 3404	UniSouth Genetics	**73.1**	74.2	91.0	67.3	87.2	45.8	58.0
14	TV 8848	Terral	**73.1**	69.8	91.5	67.3	89.6	47.2	58.2
15	TV 8535	Terral	**72.0**	80.5	89.6	67.5	80.4	41.8	57.0
16	TV 8525	Terral	**71.5**	75.2	89.6	70.9	74.2	47.7	59.3
17	AGS 2057	AgSouth Genetics	**71.5**	64.9	94.8	69.9	87.4	40.5	58.9
18	PGX 13-1*	Progeny	**70.7**	74.4	86.1	67.3	88.9	36.8	58.4
19	LA05130D-P5*	LSU	**70.4**	73.8	82.7	62.6	81.8	50.8	60.3
20	P 870	Progeny	**70.4**	70.8	91.2	64.8	80.0	44.9	57.1
21	SY Harrison	Syngenta	**70.1**	74.7	86.2	64.9	81.8	43.1	56.9
22	GA04434-11E44*	UGA	**69.7**	75.1	79.0	65.7	77.6	51.1	60.0
23	Coker 9553	Syngenta	**69.6**	75.6	85.9	60.4	75.3	50.5	60.3
24	GA041293-11E54*	UGA	**69.5**	74.4	86.4	59.5	72.4	54.9	60.6
25	USG 3555	UniSouth Genetics	**69.2**	80.6	84.1	58.2	78.2	44.9	58.1
26	GA041293-11LE37*	UGA	**69.0**	77.2	80.5	62.8	73.9	50.4	61.2
27	AGS 2038	AgSouth Genetics	**68.9**	68.0	78.4	66.9	86.0	45.4	60.4
28	USG 3120	UniSouth Genetics	**68.6**	62.6	85.8	66.2	80.1	48.2	59.8
29	SY Bonham	Syngneta	**68.5**	71.5	79.6	60.9	79.1	51.7	58.4
30	AR01040-4-1*	UARK	**68.5**	67.6	83.7	61.5	74.3	55.3	58.7
31	TXGA11E21*	TAMU/UGA	**67.4**	74.2	78.0	59.8	77.8	47.0	58.0
32	GA041052-11E51*	UGA	**65.9**	70.3	83.7	52.5	73.3	49.9	59.9
33	L 343	Limagrain	**64.4**	67.9	72.5	59.4	70.6	51.7	60.5
34	LA033200E-2*	LSU	**63.1**	63.0	78.8	56.1	75.4	42.1	60.4
35	Oakes	Syngenta	**62.8**	69.7	68.3	58.9	77.1	40.0	59.9
36	P 357	Progeny	**62.7**	56.9	70.5	67.5	85.1	33.6	55.4
37	AGS 2035	AgSouth Genetics	**61.8**	59.4	69.1	59.5	78.5	42.3	59.0
38	AGS 2040	AgSouth Genetics	**61.4**	63.1	78.9	53.7	74.8	36.7	60.4
39	LA05032D-136*	LSU	**61.3**	70.8	83.6	51.3	62.1	38.6	60.5
40	P 185	Progeny	**60.4**	48.3	77.4	58.1	73.6	44.6	58.0
41	P 125	Progeny	**60.3**	63.9	64.0	56.6	71.9	45.3	57.5
42	LA 754	Terral	**59.2**	63.0	76.5	47.7	71.3	37.7	58.1
43	LA 841	Terral	**56.6**	55.2	75.4	51.0	66.6	34.9	57.8
44	LA06146E-P4*	LSU	**55.4**	60.7	73.8	38.7	72.3	31.5	59.8
45	LA 821	Terral	**55.3**	65.6	66.8	48.7	57.6	37.8	59.1
		LSD (5%)	**4.0**	**12.0**	**7.2**	**6.5**	**12.0**	**5.4**	**0.5**
		CV (%)	**8.2**	**10.5**	**5.3**	**6.4**	**9.3**	**7.3**	**1.0**
		Mean	**68.6**	**70.8**	**83.8**	**63.1**	**79.8**	**45.4**	**58.9**

* Experimental wheat breeding line

[1]Average of Test Weight across locations

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: SRWW, Ellis County, TX

Rank	Variety	Developer	Yield (bu/a) 4-Year§	3-Year‡	2-Year†	2014	Test Weight (lb/bu) 2014
1	TV 8861	Terral	85.1	86.8	89.4	77.3	59.9
2	USG 3555	UniSouth Genetics	78.9	79.8	82.7	80.6	59.0
3	LA 821	Terral	73.3	70.5	76.7	65.6	59.8
4	Coker 9553	Syngenta	69.8	67.0	79.2	75.6	61.9
5	AGS 2035	AgSouth Genetics	68.5	64.7	71.0	59.4	60.8
6	LA 841	Terral	67.3	63.2	69.0	55.2	58.8
7	TV 8535	Terral	-	83.8	88.9	80.5	57.0
8	25R40	Pioneer	-	80.7	85.3	83.4	58.5
9	TV 8525	Terral	-	76.6	79.9	75.2	60.2
10	TV 8848	Terral	-	76.4	81.1	69.8	58.8
11	Oakes	Syngenta	-	68.3	73.4	69.7	60.7
12	SY Harrison	Syngenta	-	-	84.8	74.7	56.9
13	25R39	Pioneer	-	-	77.7	76.6	60.2
14	AGS 2038	AgSouth Genetics	-	-	77.6	68.0	62.0
15	LA05130D-P5*	LSU	-	-	77.3	73.8	61.7
16	USG 3120	UniSouth Genetics	-	-	77.0	62.6	61.2
17	ARGA04510-11LE24*	UARK/UGA	-	-	-	89.2	58.1
18	USG 3201	UniSouth Genetics	-	-	-	80.9	60.5
19	PGX 13-4*	Progeny	-	-	-	78.0	59.4
20	GA041293-11LE37*	UGA	-	-	-	77.2	62.8
21	PGX 13-6*	Progeny	-	-	-	75.4	57.9
22	GA04434-11E44*	UGA	-	-	-	75.1	60.6
23	AGS 2056	AgSouth Genetics	-	-	-	74.9	56.9
24	PGX 13-1*	Progeny	-	-	-	74.4	59.8
25	GA041293-11E54*	UGA	-	-	-	74.4	62.9
26	TXGA11E21*	TAMU/UGA	-	-	-	74.2	59.9
27	USG 3404	UniSouth Genetics	-	-	-	74.2	58.2
28	Dyna-Gro 9012	Dyna-Gro Seeds	-	-	-	73.3	61.8
29	Dyna-Gro WX13622*	Dyna-Gro Seeds	-	-	-	73.1	58.8
30	SY Bonham	Syngneta	-	-	-	71.5	59.3
31	USG 3833	UniSouth Genetics	-	-	-	71.0	59.5
32	LA05032D-136*	LSU	-	-	-	70.8	61.7
33	P 870	Progeny	-	-	-	70.8	56.8
34	GA041052-11E51*	UGA	-	-	-	70.3	61.0
35	Dyna-Gro WX13631*	Dyna-Gro Seeds	-	-	-	69.0	61.6
36	L 343	Limagrain	-	-	-	67.9	62.3
37	AR01040-4-1*	UARK	-	-	-	67.6	60.7
38	AGS 2057	AgSouth Genetics	-	-	-	64.9	59.3
39	P 125	Progeny	-	-	-	63.9	58.8
40	AGS 2040	AgSouth Genetics	-	-	-	63.1	62.1
41	LA033200E-2*	LSU	-	-	-	63.0	62.1
42	LA 754	Terral	-	-	-	63.0	59.2
43	LA06146E-P4*	LSU	-	-	-	60.7	60.9
44	P 357	Progeny	-	-	-	56.9	55.1
45	P 185	Progeny	-	-	-	48.3	58.3
		LSD (5%)	**8.1**	**8.3**	**7.4**	**12.0**	**1.3**
		CV (%)	**13.3**	**11.9**	**8.1**	**10.5**	**1.3**
		Mean	**73.8**	**74.4**	**79.3**	**70.8**	**59.9**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2011

§ Yield average for 2014, 2012, 2011, and 2010.

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: SRWW, Farmersville, TX

Rank	Variety	Developer	Yield (bu/a) 4-Year §	3-Year ‡	2-Year†	2014	Test Weight (lb/bu) 2014
1	TV 8861	Terral	83.2	89.0	94.8	97.0	60.8
2	USG 3555	UniSouth Genetics	75.8	79.1	85.3	84.1	59.2
3	Coker 9553	Syngenta	72.7	75.2	86.1	85.9	62.9
4	AGS 2035	AgSouth Genetics	71.8	71.6	76.4	69.1	61.2
5	LA 841	Terral	69.7	71.3	76.9	75.4	60.1
6	LA 821	Terral	66.1	68.8	74.5	66.8	61.2
7	25R40	Pioneer	-	83.8	90.3	87.5	60.5
8	TV 8525	Terral	-	81.7	84.8	89.6	61.3
9	TV 8848	Terral	-	79.7	88.4	91.5	60.4
10	TV 8535	Terral	-	79.5	89.1	89.6	59.5
11	Oakes	Syngenta	-	69.8	75.7	68.3	61.9
12	SY Harrison	Syngenta	-	-	89.5	86.2	59.0
13	USG 3120	UniSouth Genetics	-	-	86.0	85.8	62.6
14	25R39	Pioneer	-	-	84.3	91.0	60.3
15	LA05130D-P5*	LSU	-	-	84.1	82.7	62.1
16	AGS 2038	AgSouth Genetics	-	-	80.5	78.4	62.6
17	ARGA04510-11LE24*	UARK/UGA	-	-	-	96.2	61.0
18	USG 3201	UniSouth Genetics	-	-	-	95.7	62.6
19	AGS 2057	AgSouth Genetics	-	-	-	94.8	61.6
20	Dyna-Gro WX13631*	Dyna-Gro Seeds	-	-	-	94.6	62.0
21	Dyna-Gro 9012	Dyna-Gro Seeds	-	-	-	93.0	62.4
22	AGS 2056	AgSouth Genetics	-	-	-	91.6	59.0
23	P 870	Progeny	-	-	-	91.2	59.3
24	PGX 13-6*	Progeny	-	-	-	91.1	60.0
25	USG 3404	UniSouth Genetics	-	-	-	91.0	60.0
26	Dyna-Gro WX13622*	Dyna-Gro Seeds	-	-	-	90.3	60.5
27	PGX 13-4*	Progeny	-	-	-	90.3	59.6
28	USG 3833	UniSouth Genetics	-	-	-	90.2	59.7
29	GA041293-11E54*	UGA	-	-	-	86.4	62.4
30	PGX 13-1*	Progeny	-	-	-	86.1	59.2
31	AR01040-4-1*	UARK	-	-	-	83.7	60.4
32	GA041052-11E51*	UGA	-	-	-	83.7	62.3
33	LA05032D-136*	LSU	-	-	-	83.6	63.3
34	GA041293-11LE37*	UGA	-	-	-	80.5	63.9
35	SY Bonham	Syngneta	-	-	-	79.6	61.3
36	GA04434-11E44*	UGA	-	-	-	79.0	62.3
37	AGS 2040	AgSouth Genetics	-	-	-	78.9	63.0
38	LA033200E-2*	LSU	-	-	-	78.8	62.4
39	TXGA11E21*	TAMU/UGA	-	-	-	78.0	59.7
40	P 185	Progeny	-	-	-	77.4	60.9
41	LA 754	Terral	-	-	-	76.5	60.8
42	LA06146E-P4*	LSU	-	-	-	73.8	61.7
43	L 343	Limagrain	-	-	-	72.5	62.9
44	P 357	Progeny	-	-	-	70.5	56.4
45	P 125	Progeny	-	-	-	64.0	58.9
		LSD (5%)	**3.4**	**4.5**	**4.7**	**7.2**	**0.6**
		CV (%)	**5.7**	**6.2**	**4.8**	**5.3**	**0.6**
		Mean	**73.2**	**77.2**	**83.9**	**83.8**	**61.0**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2011

§ Yield average for 2014, 2012, 2011, and 2010.

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: SRWW, Hill County, TX (Syngenta)

Rank	Variety	Developer	Yield (bu/a)			Test Weight (lb/bu)
			3-Year‡	2-Year†	2014	2014
1	TV 8861	Terral	66.6	67.2	68.3	56.8
2	USG 3555	UniSouth Genetics	58.9	56.5	58.2	56.5
3	Coker 9553	Syngenta	58.3	56.0	60.4	58.0
4	AGS 2035	AgSouth Genetics	57.7	55.7	59.5	56.8
5	LA 754	Terral	54.9	48.0	47.7	56.3
6	LA 841	Terral	53.9	49.4	51.0	55.5
7	LA 821	Terral	49.3	45.9	48.7	58.1
8	TV 8525	Terral	-	69.1	70.9	57.5
9	25R40	Pioneer	-	64.3	66.0	56.6
10	USG 3201	UniSouth Genetics	-	64.3	72.8	58.2
11	TV 8535	Terral	-	63.3	67.5	55.8
12	TV 8848	Terral	-	60.0	67.3	55.8
13	AGS 2038	AgSouth Genetics	-	59.3	66.9	57.6
14	Oakes	Syngenta	-	55.0	58.9	57.3
15	Dyna-Gro 9012	Dyna-Gro Seeds	-	-	78.0	57.7
16	USG 3833	UniSouth Genetics	-	-	76.5	55.1
17	PGX 13-6*	Progeny	-	-	74.1	55.7
18	Dyna-Gro WX13622*	Dyna-Gro Seeds	-	-	73.9	55.7
19	PGX 13-4*	Progeny	-	-	73.8	55.5
20	Dyna-Gro WX13631*	Dyna-Gro Seeds	-	-	71.8	57.5
21	AGS 2057	AgSouth Genetics	-	-	69.9	56.2
22	AGS 2056	AgSouth Genetics	-	-	69.3	55.2
23	ARGA04510-11LE24*	UARK/UGA	-	-	68.9	56.1
24	P 357	Progeny	-	-	67.5	53.3
25	USG 3404	UniSouth Genetics	-	-	67.3	56.0
26	PGX 13-1*	Progeny	-	-	67.3	56.4
27	USG 3120	UniSouth Genetics	-	-	66.2	57.6
28	GA04434-11E44*	UGA	-	-	65.7	58.1
29	SY Harrison	Syngenta	-	-	64.9	53.8
30	P 870	Progeny	-	-	64.8	55.8
31	GA041293-11LE37*	UGA	-	-	62.8	59.3
32	LA05130D-P5*	LSU	-	-	62.6	59.0
33	AR01040-4-1*	UARK	-	-	61.5	55.8
34	SY Bonham	Syngneta	-	-	60.9	56.4
35	25R39	Pioneer	-	-	60.4	56.8
36	TXGA11E21*	TAMU/UGA	-	-	59.8	55.9
37	GA041293-11E54*	UGA	-	-	59.5	58.8
38	L 343	Limagrain	-	-	59.4	58.2
39	P 185	Progeny	-	-	58.1	56.2
40	P 125	Progeny	-	-	56.6	55.1
41	LA033200E-2*	LSU	-	-	56.1	58.4
42	AGS 2040	AgSouth Genetics	-	-	53.7	58.5
43	GA041052-11E51*	UGA	-	-	52.5	58.7
44	LA05032D-136*	LSU	-	-	51.3	58.9
45	LA06146E-P4*	LSU	-	-	38.7	58.5
		LSD (5%)	**6.7**	**4.1**	**6.5**	**--**
		CV (%)	**12.4**	**6.1**	**6.4**	**--**
		Mean	**57.1**	**58.1**	**63.1**	**56.8**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2011, and 2010

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: SRWW, Lamar County, TX

Rank	Variety	Developer	Yield (bu/a) 2-Year†	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	25R39	Pioneer	94.0	90.4	58.9
2	TV 8848	Terral	93.5	89.6	58.6
3	25R40	Pioneer	92.7	84.1	57.9
4	TV 8861	Terral	92.2	80.2	58.3
5	SY Harrison	Syngenta	91.5	81.8	57.7
6	TV 8535	Terral	90.4	80.4	57.0
7	AGS 2035	AgSouth Genetics	89.2	78.5	59.6
8	LA05130D-P5*	LSU	84.2	81.8	60.5
9	Coker 9553	Syngenta	83.3	75.3	60.3
10	USG 3120	UniSouth Genetics	83.0	80.1	60.4
11	USG 3555	UniSouth Genetics	82.2	78.2	58.4
12	TV 8525	Terral	80.2	74.2	58.9
13	Oakes	Syngenta	77.1	77.1	60.9
14	LA 841	Terral	76.3	66.6	58.0
15	LA 821	Terral	70.8	57.6	59.0
16	Dyna-Gro WX13622*	Dyna-Gro Seeds	-	93.2	59.3
17	ARGA04510-11LE24*	UARK/UGA	-	93.0	58.9
18	USG 3833	UniSouth Genetics	-	92.3	58.8
19	PGX 13-6*	Progeny	-	90.4	58.1
20	AGS 2056	AgSouth Genetics	-	89.0	56.3
21	PGX 13-1*	Progeny	-	88.9	58.5
22	AGS 2057	AgSouth Genetics	-	87.4	59.6
23	USG 3404	UniSouth Genetics	-	87.2	58.2
24	AGS 2038	AgSouth Genetics	-	86.0	61.2
25	PGX 13-4*	Progeny	-	86.0	57.4
26	Dyna-Gro 9012	Dyna-Gro Seeds	-	85.6	60.6
27	USG 3201	UniSouth Genetics	-	85.5	60.8
28	P 357	Progeny	-	85.1	55.8
29	Dyna-Gro WX13631*	Dyna-Gro Seeds	-	84.1	61.0
30	P 870	Progeny	-	80.0	57.6
31	SY Bonham	Syngneta	-	79.1	58.8
32	TXGA11E21*	TAMU/UGA	-	77.8	58.2
33	GA04434-11E44*	UGA	-	77.6	60.5
34	LA033200E-2*	LSU	-	75.4	61.3
35	AGS 2040	AgSouth Genetics	-	74.8	60.3
36	AR01040-4-1*	UARK	-	74.3	57.6
37	GA041293-11LE37*	UGA	-	73.9	61.3
38	P 185	Progeny	-	73.6	58.1
39	GA041052-11E51*	UGA	-	73.3	59.7
40	GA041293-11E54*	UGA	-	72.4	60.2
41	LA06146E-P4*	LSU	-	72.3	59.5
42	P 125	Progeny	-	71.9	57.6
43	LA 754	Terral	-	71.3	58.2
44	L 343	Limagrain	-	70.6	59.9
45	LA05032D-136*	LSU	-	62.1	59.7
		LSD (5%)	**6.7**	**12.0**	**1.2**
		CV (%)	**6.7**	**9.3**	**1.2**
		Mean	**85.3**	**79.8**	**59.1**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: SRWW, McGregor, TX

Rank	Variety	Developer	Yield (bu/a) 3-Year ‡	Yield (bu/a) 2-Year†	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	Coker 9553	Syngenta	69.1	57.1	50.5	58.1
2	LA 841	Terral	50.5	40.7	34.9	56.5
3	USG 3555	UniSouth Genetics	64.3	53.5	44.9	57.3
4	TV 8861	Terral	62.6	52.9	47.1	58.2
5	AGS 2035	AgSouth Genetics	58.7	47.8	42.3	56.5
6	LA 821	Terral	48.8	44.5	37.8	57.5
7	LA05130D-P5*	LSU	-	56.6	50.8	58.4
8	25R40	Pioneer	-	55.2	46.2	59.0
9	TV 8525	Terral	-	53.8	47.7	58.7
10	AGS 2038	AgSouth Genetics	-	53.1	45.4	58.5
11	USG 3120	UniSouth Genetics	-	51.5	48.2	57.2
12	TV 8848	Terral	-	50.0	47.2	57.6
13	25R39	Pioneer	-	49.9	48.6	58.6
14	SY Harrison	Syngenta	-	49.2	43.1	57.1
15	TV 8535	Terral	-	46.3	41.8	55.8
16	Oakes	Syngenta	-	45.2	40.0	58.9
17	ARGA04510-11LE24*	UARK/UGA	-	-	64.4	56.6
18	Dyna-Gro WX13631*	Dyna-Gro Seeds	-	-	55.4	57.7
19	AR01040-4-1*	UARK	-	-	55.3	59.0
20	GA041293-11E54*	UGA	-	-	54.9	58.8
21	SY Bonham	Syngneta	-	-	51.7	56.4
22	L 343	Limagrain	-	-	51.7	59.1
23	GA04434-11E44*	UGA	-	-	51.1	58.3
24	GA041293-11LE37*	UGA	-	-	50.4	58.5
25	GA041052-11E51*	UGA	-	-	49.9	58.0
26	TXGA11E21*	TAMU/UGA	-	-	47.0	56.2
27	Dyna-Gro 9012	Dyna-Gro Seeds	-	-	46.5	59.4
28	PGX 13-6*	Progeny	-	-	46.4	57.1
29	Dyna-Gro WX13622*	Dyna-Gro Seeds	-	-	46.2	56.7
30	AGS 2056	AgSouth Genetics	-	-	46.1	55.2
31	USG 3404	UniSouth Genetics	-	-	45.8	57.7
32	P 125	Progeny	-	-	45.3	56.9
33	USG 3201	UniSouth Genetics	-	-	45.2	59.1
34	P 870	Progeny	-	-	44.9	55.8
35	P 185	Progeny	-	-	44.6	56.4
36	PGX 13-4*	Progeny	-	-	44.6	57.5
37	LA033200E-2*	LSU	-	-	42.1	58.0
38	USG 3833	UniSouth Genetics	-	-	41.6	58.2
39	AGS 2057	AgSouth Genetics	-	-	40.5	58.0
40	LA05032D-136*	LSU	-	-	38.6	58.7
41	LA 754	Terral	-	-	37.7	56.0
42	PGX 13-1*	Progeny	-	-	36.8	57.9
43	AGS 2040	AgSouth Genetics	-	-	36.7	58.2
44	P 357	Progeny	-	-	33.6	56.3
45	LA06146E-P4*	LSU	-	-	31.5	58.2
		LSD (5%)	**4.8**	**4.5**	**5.4**	**0.9**
		CV (%)	**8.4**	**7.9**	**7.3**	**0.9**
		Mean	**59.0**	**49.6**	**45.4**	**57.6**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2011

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: SRWW, Royse City, TX

Rank	Variety	Developer	Yield (bu/a) 3-Year ‡	Yield (bu/a) 2-Year†	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	USG 3201	UniSouth Genetics	86.8	90.6	102.6	58.5
2	USG 3251	UniSouth Genetics	82.3	83.4	82.1	54.5
3	Coker 9553	Syngenta	81.0	83.2	96.6	58.2
4	USG 3555	UniSouth Genetics	79.2	81.8	93.5	55.4
5	Magnolia	Syngenta	75.4	74.6	84.1	55.9
6	Oakes	Syngenta	74.5	72.2	67.3	56.2
7	25R30	Pioneer	-	90.7	102.5	56.8
8	25R40	Pioneer	-	89.3	96.1	56.4
9	TV 8525	Terral	-	88.7	90.3	57.0
10	USG 3120	UniSouth Genetics	-	84.3	84.6	56.0
11	TV 8535	Terral	-	79.2	100.7	56.3
12	TV 8848	Terral	-	77.3	92.1	55.8
13	AGS 2035	AgSouth Genetics	-	73.2	81.4	57.2
14	Dyna-Gro 9012	Dyna-Gro Seeds	-	-	101.6	58.0
15	25R39	Pioneer	-	-	101.0	56.8
16	P 870	Progeny	-	-	100.6	57.2
17	USG 3404	UniSouth Genetics	-	-	98.1	55.9
18	TV 8861	Terral	-	-	95.8	55.6
19	Dyna-Gro 9171	Dyna-Gro Seeds	-	-	92.8	54.4
20	SY Harrison	Syngenta	-	-	90.8	54.4
21	LA 754	Terral	-	-	86.8	56.7
22	L 343	Limagrain	-	-	86.6	57.3
23	TXGA11E21*	TAMU/UGA	-	-	86.1	54.6
24	USG 3209	UniSouth Genetics	-	-	83.0	55.8
25	Dyna-Gro 9053	Dyna-Gro Seeds	-	-	70.0	52.4
		LSD (5%)	**3.4**	**4.0**	**6.5**	**--**
		CV (%)	**6.0**	**6.0**	**6.3**	**--**
		Mean	**79.9**	**82.2**	**90.7**	**56.1**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2011

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial - SRWW vs. HRWW, Howe, TX

			Grain Yield (bu/ac)				Test Weight (lb/bu)
Rank	Variety	Developer	4-Year §	3-Year ‡	2-Year†	2014	2014
1	USG 3555	UniSouth Genetics	82.0	81.2	76.4	73.1	58.4
2	Coker 9553	Syngenta	81.0	81.6	75.4	76.0	61.9
3	AGS 2035	AgSouth Genetics	77.7	75.8	69.8	66.4	59.8
4	Billings**	OSU	67.7	66.7	63.7	65.9	62.9
5	25R30	Pioneer	-	86.0	83.4	94.2	61.7
6	25R40	Pioneer	-	83.6	78.5	89.2	59.6
7	TV8861	Terral	-	81.4	73.0	86.3	60.6
8	USG 3120	UniSouth Genetics	-	-	83.2	82.6	62.2
9	TV8525	Terral	-	-	80.2	89.2	61.7
10	SY Harrison	Syngenta	-	-	80.0	89.4	58.6
11	Armour**	Monsanto	-	-	77.4	71.9	60.1
12	Gallagher**	OSU	-	-	75.8	76.4	62.7
13	TAM 305**	TAMU	-	-	71.7	67.7	61.5
14	WB Cedar**	Monsanto	-	-	71.2	70.0	62.2
15	Iba**	OSU	-	-	-	79.5	63.8
16	WB4458	Monsanto	-	-	-	73.3	62.1
		LSD (5%)	**3.2**	**3.9**	**4.7**	**6.3**	**--**
		CV (%)	**7.2**	**7.5**	**7.7**	**7.1**	**--**
		Mean	**77.1**	**79.5**	**75.7**	**78.2**	**61.2**

**Hard Winter Wheat Varieties

† Yield average for 2013 and 2012

‡ Yield average for 2013, 2012, and 2011

§ Yield average for 2013, 2012, 2011, and 2010.

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial - SRWW vs. HRWW, Royse City, TX

Rank	Variety	Developer	Grain Yield (bu/ac) 2-Year†	Grain Yield (bu/ac) 2014	Test Weight (lb/bu) 2014
1	USG 3555	UniSouth Genetics	85.8	102.4	57.0
2	Coker 9553	Syngenta	83.1	98.8	60.3
3	AGS 2035	AgSouth Genetics	75.6	89.5	59.3
4	Billings**	OSU	74.3	75.1	60.5
5	TV8861	Terral	-	109.1	58.2
6	25R30	Pioneer	-	105.5	59.3
7	25R40	Pioneer	-	103.7	57.2
8	SY Harrison	Syngenta	-	94.6	55.7
9	TV8525	Terral	-	94.4	58.1
10	WB4458	Monsanto	-	90.4	60.8
11	USG 3120	UniSouth Genetics	-	90.3	59.0
12	Iba**	OSU	-	78.3	60.8
13	Armour**	Monsanto	-	76.3	58.2
14	Gallagher**	OSU	-	72.8	60.6
15	TAM 305**	TAMU	-	67.3	58.9
16	WB Cedar**	Monsanto	-	54.0	57.5
		LSD (5%)	**3.7**	**5.4**	**--**
		CV (%)	**5.5**	**5.4**	**--**
		Mean	**79.7**	**87.7**	**58.8**

**Hard Winter Wheat Varieties

† Yield average for 2013 and 2012

Texas Locations Agronomic Data
High Plains: 2014

Location[1]	Cooperator(s)	Yield Limiting Issues	Planting Date	Water*	Seeding Rate (lb/a)
Bushland Dryland	Texas A&M AgriLife Research and Extension	Extreme Drought **ABANDONED**	11/6/13	D	45
Bushland Irrigated	Texas A&M AgriLife Research and Extension	Late freeze	10/8/13	IL	60
Dawson Co.		None	11/15/13	IF	1.1 mill seed/a
Etter Irrigated	North Plains Research Farm	Blown out **ABANDONED**	10/16/13	IL	60
Groom	John Weinheimer	Drought	11/4/13	D	45
Sunray Irrigated	-	None	10/17/13	IL	60

*Irrigation: IF = Irrigated Full, IL = Irrigated Limited, D = Dryland
[1]All locations conventionally tilled except for Perryton (Irrigated Only).

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, High Plains Location Summary

2014 Rank**	Variety	Developer	2014 Yield (bu/a) Irr. AVG	Bush-land Irr.	Dawson Co. Irr.	Sunray Irr.	Dry AVG	Groom D.	Test Weight[1] (lb/bu) 2014 Irr.	2014 Dry
1	Denali	CSU	**82.3**	58.6	105.3	83.0	**30.7**	30.7	60.1	59.4
2	TX08A001249*	TAMU	**82.0**	52.2	116.0	77.8	**26.6**	26.6	60.1	59.5
3	LCS Mint	Limagrain	**80.4**	52.6	112.6	76.0	**29.4**	29.4	59.8	58.9
4	Hatcher	CSU	**79.9**	53.8	109.6	76.1	**22.2**	22.2	58.7	57.2
5	Iba	OSU	**79.4**	52.6	102.9	82.9	**18.6**	18.6	59.9	58.8
6	Winterhawk	Monsanto	**79.1**	57.5	102.3	77.6	**21.5**	21.5	59.8	58.5
7	TX09D1172*	TAMU	**77.4**	55.1	100.1	77.0	**27.1**	27.1	59.7	58.9
8	WB-Grainfield	Monsanto	**77.3**	57.5	104.4	70.1	**26.3**	26.3	59.1	57.8
9	TAM 114 (TX07A001505)	TAMU	**77.2**	44.7	100.9	86.0	**23.7**	23.7	60.0	58.3
10	LCS Wizard	Limagrain	**77.0**	54.5	105.4	71.3	**19.0**	19.0	59.3	57.5
11	WB4458	Monsanto	**76.0**	44.8	104.7	78.4	**23.7**	23.7	58.2	57.0
12	TX09A001194*	TAMU	**75.6**	43.2	110.0	73.4	**26.5**	26.5	60.3	59.4
13	Greer	Syngenta	**75.4**	42.0	107.4	76.9	**20.5**	20.5	56.8	55.9
14	T158	Limagrain	**75.2**	49.5	101.1	75.1	**22.1**	22.1	58.9	57.1
15	TX08V7313*	TAMU	**75.2**	53.9	94.5	77.2	**21.7**	21.7	60.1	59.5
16	TAM 111	TAMU	**74.7**	42.9	100.6	80.8	**16.6**	16.6	60.4	58.7
17	Byrd	CSU	**74.5**	49.2	106.4	67.8	**22.9**	22.9	59.1	57.2
18	SY Monument (04BC574-2)	Syngenta	**73.5**	49.7	96.0	74.8	**25.1**	25.1	57.5	57.0
19	Brawl CL2	CSU	**72.7**	47.2	98.9	71.9	**25.2**	25.2	59.2	58.0
20	TAM 204 (TX06V7266)	TAMU	**72.2**	44.4	99.6	72.7	**20.2**	20.2	57.3	55.7
21	TAM W-101	TAMU	**71.9**	48.2	92.1	75.3	**19.8**	19.8	59.1	57.0
22	TAM 304	TAMU	**71.3**	32.7	107.1	74.0	**15.2**	15.2	56.5	55.0
23	TAM 112	TAMU	**71.0**	35.5	100.6	76.7	**21.1**	21.1	59.4	58.6
24	TAM 113	TAMU	**70.5**	50.5	93.2	67.9	**15.7**	15.7	59.6	59.0
25	SY Drifter (AP09T7631)	Syngenta	**70.1**	45.0	89.6	75.8	**18.1**	18.1	59.3	58.4
26	Duster	OSU	**69.4**	41.1	90.7	76.3	**23.1**	23.1	58.9	56.8
27	Billings	OSU	**68.1**	50.7	77.1	76.4	**15.2**	15.2	59.1	57.3
28	TAM 305	TAMU	**67.8**	39.2	92.7	71.4	**14.7**	14.7	58.4	56.7
29	Jackpot	Syngenta	**66.6**	40.6	95.9	63.4	**18.6**	18.6	58.0	56.5
30	Armour	Monsanto	**66.2**	36.8	92.1	69.9	**16.3**	16.3	57.4	56.4
31	Endurance	OSU	**65.8**	41.0	92.4	63.9	**14.9**	14.9	58.1	56.4
32	WB-Redhawk	Monsanto	**61.9**	32.0	87.9	65.7	**20.4**	20.4	58.7	57.0
33	Ruby Lee	OSU	**61.7**	43.1	85.0	57.0	**17.0**	17.0	58.6	57.6
34	SY Razor	Syngenta	**61.7**	44.4	76.2	64.4	**14.6**	14.6	60.0	58.0
35	T153	Limagrain	**61.1**	50.1	66.4	66.9	**15.1**	15.1	58.2	56.1
36	WB Cedar	Monsanto	**59.9**	41.5	64.7	73.6	**17.4**	17.4	57.2	54.4
37	Doans	OSU	**59.6**	38.0	82.9	57.9	**19.1**	19.1	59.3	57.7
38	Everest	KSU	**57.8**	29.2	84.0	60.3	**16.0**	16.0	58.4	56.2
39	TAM 401	TAMU	**57.2**	33.2	75.2	63.3	**13.4**	13.4	57.1	55.1
40	SY LLANO (APH09T9614)	Syngenta	**50.1**	31.9	67.3	51.1	**12.7**	12.7	59.5	58.6
		LSD (5%)	**6.2**	**8.4**	**9.0**	**15.1**	**6.4**	**6.4**	**0.8**	**--**
		CV (%)	**9.7**	**11.3**	**6.8**	**12.9**	**15.7**	**15.7**	**0.9**	**--**
		Mean	**70.7**	**45.3**	**94.8**	**72.0**	**20.2**	**20.2**	**58.9**	**57.5**

**Rank is based on Irr. AVG; Perryton was not included in this ranking due to incomplete dataset.

* Experimental wheat breeding line

[1]Average of Test Weight across locations

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Bushland, TX (Irrigated)

Rank	Variety	Developer	Yield (bu/a) 4-Year §	3-Year ‡	2-Year†	2014	Test Weight (lb/bu) 2014
1	TAM 113	TAMU	75.5	72.1	70.6	50.5	61.3
2	Winterhawk	Monsanto	73.2	70.2	70.4	57.5	60.6
3	Hatcher	CSU	71.7	67.8	67.9	53.8	59.0
4	Duster	OSU	69.1	64.0	61.2	41.1	60.3
5	TAM 111	TAMU	69.1	62.8	60.8	42.9	61.8
6	Billings	OSU	68.7	61.4	63.3	50.7	60.6
7	Armour	Monsanto	66.1	57.9	53.4	36.8	59.1
8	TAM 112	TAMU	65.0	58.3	51.9	35.5	60.4
9	TAM 305	TAMU	63.1	55.6	54.4	39.2	59.4
10	TAM 304	TAMU	63.0	53.3	51.1	32.7	57.7
11	Greer	Syngenta	62.7	54.2	53.2	42.0	58.8
12	Endurance	OSU	61.7	55.4	54.0	41.0	59.6
13	TAM W-101	TAMU	61.6	56.7	59.1	48.2	60.0
14	Jackpot	Syngenta	60.4	53.7	51.3	40.6	59.5
15	Doans	OSU	57.4	50.6	52.7	38.0	60.9
16	TAM 401	TAMU	55.3	49.7	49.4	33.2	58.5
17	Iba	OSU	-	71.5	70.8	52.6	61.7
18	SY Razor	Syngenta	-	57.9	56.8	44.4	59.9
19	WB Cedar	Monsanto	-	49.6	42.7	41.5	58.7
20	TAM 204 (TX06V7266)	TAMU	-	-	64.3	44.4	58.3
21	TAM 114 (TX07A001505)	TAMU	-	-	63.2	44.7	61.6
22	T158	Limagrain	-	-	58.6	49.5	60.4
23	Ruby Lee	OSU	-	-	48.9	43.1	60.4
24	SY LLANO (APH09T9614)	Syngenta	-	-	45.2	31.9	60.4
25	Everest	KSU	-	-	42.3	29.2	59.1
26	Denali	CSU	-	-	-	58.6	61.5
27	WB-Grainfield	Monsanto	-	-	-	57.5	60.8
28	TX09D1172*	TAMU	-	-	-	55.1	60.6
29	LCS Wizard	Limagrain	-	-	-	54.5	60.4
30	TX08V7313*	TAMU	-	-	-	53.9	61.5
31	LCS Mint	Limagrain	-	-	-	52.6	61.0
32	TX08A001249*	TAMU	-	-	-	52.2	60.8
33	T153	Limagrain	-	-	-	50.1	59.5
34	SY Monument (04BC574-2)	Syngenta	-	-	-	49.7	59.2
35	Byrd	CSU	-	-	-	49.2	60.6
36	Brawl CL2	CSU	-	-	-	47.2	61.0
37	SY Drifter (AP09T7631)	Syngenta	-	-	-	45.0	60.9
38	WB4458	Monsanto	-	-	-	44.8	59.6
39	TX09A001194*	TAMU	-	-	-	43.2	61.3
40	WB-Redhawk	Monsanto	-	-	-	32.0	60.2
	LSD (5%)		**4.9**	**6.1**	**6.0**	**8.4**	**--**
	CV (%)		**9.3**	**11.0**	**9.2**	**11.3**	**--**
	Mean		**65.2**	**59.1**	**56.7**	**45.3**	**60.2**

* Experimental wheat breeding line

† Yield average for 2014 and 2011

‡ Yield average for 2014, 2012, and 2011

§ Yield average for 2014, 2012, 2011, and 2010.

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Dawson County, TX (Irrigated)

Rank	Variety	Developer	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	TX08A001249*	TAMU	116.0	59.4
2	LCS Mint	Limagrain	112.6	59.1
3	TX09A001194*	TAMU	110.0	59.7
4	Hatcher	CSU	109.6	58.6
5	Greer	Syngenta	107.4	55.9
6	TAM 304	TAMU	107.1	56.6
7	Byrd	CSU	106.4	58.2
8	LCS Wizard	Limagrain	105.4	58.7
9	Denali	CSU	105.3	59.6
10	WB4458	Monsanto	104.7	56.9
11	WB-Grainfield	Monsanto	104.4	57.8
12	Iba	OSU	102.9	59.2
13	Winterhawk	Monsanto	102.3	59.0
14	T158	Limagrain	101.1	58.4
15	TAM 114 (TX07A001505)	TAMU	100.9	59.1
16	TAM 112	TAMU	100.6	58.5
17	TAM 111	TAMU	100.6	59.8
18	TX09D1172*	TAMU	100.1	59.1
19	TAM 204 (TX06V7266)	TAMU	99.6	56.5
20	Brawl CL2	CSU	98.9	58.4
21	SY Monument (04BC574-2)	Syngenta	96.0	56.8
22	Jackpot	Syngenta	95.9	57.6
23	TX08V7313*	TAMU	94.5	59.3
24	TAM 113	TAMU	93.2	59.2
25	TAM 305	TAMU	92.7	57.6
26	Endurance	OSU	92.4	57.5
27	TAM W-101	TAMU	92.1	58.9
28	Armour	Monsanto	92.1	56.3
29	Duster	OSU	90.7	58.4
30	SY Drifter (AP09T7631)	Syngenta	89.6	58.2
31	WB-Redhawk	Monsanto	87.9	57.4
32	Ruby Lee	OSU	85.0	58.0
33	Everest	KSU	84.0	58.6
34	Doans	OSU	82.9	59.0
35	Billings	OSU	77.1	58.2
36	SY Razor	Syngenta	76.2	59.2
37	TAM 401	TAMU	75.2	56.1
38	SY LLANO (APH09T9614)	Syngenta	67.3	59.2
39	T153	Limagrain	66.4	57.1
40	WB Cedar	Monsanto	64.7	56.0
		LSD (5%)	**9.0**	**--**
		CV (%)	**6.8**	**--**
		Mean	**94.8**	**58.2**

* Experimental wheat breeding line

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Groom, TX (Dryland)

Rank	Variety	Developer	Yield (bu/a) 3-Year ‡	Yield (bu/a) 2-Year†	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	Greer	Syngenta	42.8	42.9	20.5	55.9
2	WB Cedar	Monsanto	41.7	44.3	17.4	54.4
3	Winterhawk	Monsanto	41.2	44.5	21.5	58.5
4	TAM 304	TAMU	40.4	42.4	15.2	55.0
5	Armour	Monsanto	40.3	39.1	16.3	56.4
6	TAM 112	TAMU	39.9	40.6	21.1	58.6
7	Iba	OSU	39.7	41.7	18.6	58.8
8	Hatcher	CSU	39.5	41.3	22.2	57.2
9	Jackpot	Syngenta	39.2	42.1	18.6	56.5
10	TAM 113	TAMU	39.1	39.2	15.7	59.0
11	Endurance	OSU	38.1	39.6	14.9	56.4
12	TAM 111	TAMU	37.9	39.6	16.6	58.7
13	Duster	OSU	37.5	41.7	23.1	56.8
14	Billings	OSU	36.4	41.1	15.2	57.3
15	TAM W-101	TAMU	35.5	35.6	19.8	57.0
16	TAM 305	TAMU	34.9	34.7	14.7	56.7
17	Doans	OSU	33.2	38.7	19.1	57.7
18	SY Razor	Syngenta	32.8	34.9	14.6	58.0
19	TAM 401	TAMU	31.5	32.6	13.4	55.1
20	TAM 204 (TX06V7266)	TAMU	-	44.3	20.2	55.7
21	TAM 114 (TX07A001505)	TAMU	-	44.2	23.7	58.3
22	T158	Limagrain	-	43.3	22.1	57.1
23	Ruby Lee	OSU	-	41.6	17.0	57.6
24	Everest	KSU	-	38.8	16.0	56.2
25	SY LLANO (APH09T9614)	Syngenta	-	34.9	12.7	58.6
26	Denali	CSU	-	-	30.7	59.4
27	LCS Mint	Limagrain	-	-	29.4	58.9
28	TX09D1172*	TAMU	-	-	27.1	58.9
29	TX08A001249*	TAMU	-	-	26.6	59.5
30	TX09A001194*	TAMU	-	-	26.5	59.4
31	WB-Grainfield	Monsanto	-	-	26.3	57.8
32	Brawl CL2	CSU	-	-	25.2	58.0
33	SY Monument (04BC574-2)	Syngenta	-	-	25.1	57.0
34	WB4458	Monsanto	-	-	23.7	57.0
35	Byrd	CSU	-	-	22.9	57.2
36	TX08V7313*	TAMU	-	-	21.7	59.5
37	WB-Redhawk	Monsanto	-	-	20.4	57.0
38	LCS Wizard	Limagrain	-	-	19.0	57.5
39	SY Drifter (AP09T7631)	Syngenta	-	-	18.1	58.4
40	T153	Limagrain	-	-	15.1	56.1
	LSD (5%)		**3.4**	**4.2**	**6.4**	**--**
	CV (%)		**9.0**	**8.4**	**15.7**	**--**
	Mean		**38.0**	**40.2**	**20.2**	**57.5**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2011

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Perryton, TX (Irrigated) Syngenta

Rank	Variety	Developer	Yield (bu/a) 2014
1	Greer	Syngenta	56.8
2	BC03212-20	Syngenta	54.8
3	06BC796#68	Syngenta	54.3
4	Everest	KSU	53.9
5	AP11T2923	Syngenta	53.2
6	WB-Redhawk	Monsanto	53.1
7	WB4458	Monsanto	52.6
8	SY Gold	Syngenta	52.2
9	05BC041-10-10	Syngenta	52.0
10	Byrd	CSU	50.7
11	SY Drifter (AP09T7631)	Syngenta	50.5
12	Iba	OSU	50.1
13	PostRock	Syngenta	50.1
14	SY LLANO (APH09T9614)	Syngenta	49.4
15	06BC722#25	Syngenta	48.4
16	WB Cedar	Monsanto	47.9
17	Duster	OSU	47.9
18	TAM 204 (TX06V7266)	TAMU	47.6
19	TX09A001194*	TAMU	47.4
20	T158	Limagrain	47.1
21	Ruby Lee	OSU	47.1
22	TAM 112	TAMU	46.9
23	TAM 111	TAMU	46.8
24	TX08V7313*	TAMU	46.7
25	Doans	OSU	46.7
26	Gallagher	OSU	46.6
27	TAM 304	TAMU	46.5
28	AP11T1409	Syngenta	46.5
29	SY Southwind	Syngenta	46.4
30	SY Monument (04BC574-2)	Syngenta	45.9
31	Jackpot	Syngenta	45.3
32	Overland	UN	45.2
33	SY Wolf	Syngenta	44.6
34	TAM W-101	TAMU	44.4
35	Robidoux	UN/UW	44.1
36	AP11T2217	Syngenta	44.0
37	Winterhawk	Monsanto	43.5
38	TAM 114 (TX07A001505)	TAMU	43.5
39	Billings	OSU	43.3
40	TAM 305	TAMU	42.9
41	Armour	Monsanto	42.7
42	TAM 401	TAMU	41.4
43	AP11T2409	Syngenta	40.0
44	TX08A001249*	TAMU	39.3
45	AP11T2214	Syngenta	38.0
46	SY Razor	Syngenta	35.1
47	TAM 113	TAMU	34.0
48	Nugrain	Syngenta	29.0
		LSD (5%)	**10.0**
		CV (%)	**13.2**
		Mean	**46.4**

* Experimental wheat breeding line

**Test Weights were not available at time of publication for this location

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Sunray, TX (Irrigated)

Rank	Variety	Developer	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	TAM 114 (TX07A001505)	TAMU	86.0	59.4
2	Denali	CSU	83.0	59.3
3	Iba	OSU	82.9	58.7
4	TAM 111	TAMU	80.8	59.6
5	WB4458	Monsanto	78.4	58.2
6	TX08A001249*	TAMU	77.8	60.1
7	Winterhawk	Monsanto	77.6	59.9
8	TX08V7313*	TAMU	77.2	59.4
9	TX09D1172*	TAMU	77.0	59.4
10	Greer	Syngenta	76.9	55.6
11	TAM 112	TAMU	76.7	59.2
12	Billings	OSU	76.4	58.4
13	Duster	OSU	76.3	58.0
14	Hatcher	CSU	76.1	58.4
15	LCS Mint	Limagrain	76.0	59.4
16	SY Drifter (AP09T7631)	Syngenta	75.8	58.9
17	TAM W-101	TAMU	75.3	58.3
18	T158	Limagrain	75.1	58.0
19	SY Monument (04BC574-2)	Syngenta	74.8	56.5
20	TAM 304	TAMU	74.0	55.3
21	WB Cedar	Monsanto	73.6	56.9
22	TX09A001194*	TAMU	73.4	59.8
23	TAM 204 (TX06V7266)	TAMU	72.7	57.0
24	Brawl CL2	CSU	71.9	58.2
25	TAM 305	TAMU	71.4	58.3
26	LCS Wizard	Limagrain	71.3	58.7
27	WB-Grainfield	Monsanto	70.1	58.7
28	Armour	Monsanto	69.9	56.8
29	TAM 113	TAMU	67.9	58.4
30	Byrd	CSU	67.8	58.5
31	T153	Limagrain	66.9	58.0
32	WB-Redhawk	Monsanto	65.7	58.6
33	SY Razor	Syngenta	64.4	61.0
34	Endurance	OSU	63.9	57.3
35	Jackpot	Syngenta	63.4	57.0
36	TAM 401	TAMU	63.3	56.7
37	Everest	KSU	60.3	57.6
38	Doans	OSU	57.9	57.9
39	Ruby Lee	OSU	57.0	57.3
40	SY LLANO (APH09T9614)	Syngenta	51.1	59.0
		LSD (5%)	**15.1**	**--**
		CV (%)	**12.9**	**--**
		Mean	**72.0**	**58.3**

* Experimental wheat breeding line

Texas Locations Agronomic Data
Rolling Plains: 2014

Location[1]	Cooperator(s)	Yield Limiting Issues[2]	Planting Date	Fertilizer (Total lb N/A)	Water*	Seeding Rate (lb/A)
Abilene		Drought, Late Freeze	10/25/13	45	D	60
Brady	Holubec Farms; David Holubec	Multiple hard freezes; Drought; **DATA NOT SHOWN**	10/29/13	47	D	50
Chillicothe	Chillicothe Research Station	Drought, Late Freeze	10/22/13	72	D	60
Munday	Ramirez Farms	Drought, mites **ABANDONED**	10/26/13	67	D	60
Hardeman Grain	Mike Phillips	Drought	11/10/13	Cooperator Applied	D	60

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

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Rolling Plains Location Summary

2014 Rank	Variety	Developer	2014 Yield (bu/a)				Test Weight[1] (lb/bu)
			Average	Abilene	Chillicothe	Hardeman	2014
1	Jackpot	Syngenta	**33.9**	25.2	33.4	43.2	58.5
2	WB4458	Monsanto	**33.4**	25.1	30.2	44.9	58.7
3	Winterhawk	Monsanto	**33.4**	20.1	31.9	48.2	60.1
4	WB-Redhawk	Monsanto	**32.7**	23.4	28.2	46.3	59.0
5	T-158	Limagrain	**32.6**	23.8	28.3	45.7	57.8
6	TAM 112	TAMU	**32.3**	25.2	25.8	46.0	59.3
7	LCS Mint	Limagrain	**32.2**	30.1	23.0	43.4	61.3
8	TX09A001194*	TAMU	**31.7**	24.0	27.3	43.9	59.3
9	TX09D1172*	TAMU	**31.5**	22.9	29.0	42.7	60.0
10	Greer	Syngenta	**31.2**	21.9	25.1	46.6	55.4
11	Doublestop CL	OSU	**31.1**	21.7	26.5	45.2	60.9
12	TX08A001249*	TAMU	**31.0**	24.8	22.8	45.4	59.2
13	TX08V7313*	TAMU	**30.9**	26.7	24.1	41.7	60.2
14	SY LLANO (APH09T9614)	Syngenta	**30.6**	23.2	28.5	40.0	60.1
15	LCS Wizard	Limagrain	**30.4**	26.1	22.2	42.8	58.6
16	TAM 401	TAMU	**29.8**	25.3	22.6	41.6	56.0
17	SY Monument (04BC574-2)	Syngenta	**29.7**	24.8	22.7	41.7	58.8
18	Iba	OSU	**29.7**	19.6	25.9	43.5	59.2
19	TAM 114 (TX07A001505)	TAMU	**29.6**	26.0	24.6	38.2	59.9
20	Everest	KSU	**29.4**	20.1	30.4	37.6	57.9
21	Doans	OSU	**29.1**	24.1	24.7	38.7	58.6
22	WB-Grainfield	Monsanto	**28.9**	22.1	19.0	45.6	56.8
23	TAM 204 (TX06V7266)	TAMU	**28.7**	20.2	20.8	45.1	56.9
24	WB-Cedar	Monsanto	**28.5**	22.6	24.3	38.6	57.2
25	Ruby Lee	OSU	**28.3**	19.8	28.0	37.0	58.9
26	Duster	OSU	**28.2**	19.4	24.3	41.0	59.6
27	TAM 304	TAMU	**28.2**	17.4	22.9	44.2	55.8
28	T-153	Limagrain	**27.9**	17.7	26.0	39.9	56.9
29	Armour	Monsanto	**26.8**	17.8	22.3	40.4	58.0
30	TAM 113	TAMU	**26.6**	22.7	17.3	39.7	60.5
31	Gallagher	OSU	**26.6**	19.9	22.7	37.0	59.0
32	TAM 305	TAMU	**26.4**	22.3	21.0	35.8	58.2
33	TAM 111	TAMU	**26.3**	24.7	19.5	34.7	59.1
34	Billings	OSU	**26.2**	20.3	19.3	39.0	58.1
35	Fannin	Syngenta	**25.8**	23.6	19.1	34.6	59.8
36	Weathermaster 135	Unknown	**25.8**	21.0	19.7	36.6	58.4
37	Coronado	Syngenta	**25.6**	18.9	20.1	37.9	58.2
38	SY Drifter (AP09T7631)	Syngenta	**24.6**	14.9	22.2	36.6	58.8
39	SY Razor	Syngenta	**23.6**	18.2	22.2	30.6	60.7
40	TAM W-101	TAMU	**23.3**	14.9	19.2	35.7	58.4
		LSD (5%)	**2.7**	**5.4**	**4.6**	**4.1**	**1.7**
		CV (%)	**10.0**	**15.1**	**11.7**	**6.2**	**1.7**
		Mean	**29.1**	**22.1**	**24.2**	**40.9**	**58.7**

* Experimental wheat breeding line

[1]Average of Test Weight across locations

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Abilene, TX

Rank	Variety	Developer	Yield (bu/a) 4-Year[§]	3-Year[‡]	2-Year[†]	2014	Test Weight (lb/bu) 2014
1	Greer	Syngenta	35.4	28.7	25.5	21.9	55.6
2	TAM 305	TAMU	34.7	28.7	27.9	22.3	59.2
3	TAM 113	TAMU	33.8	29.9	25.9	22.7	60.8
4	Duster	OSU	33.6	27.2	25.1	19.4	58.8
5	Jackpot	Syngenta	33.2	28.9	27.2	25.2	58.4
6	TAM 304	TAMU	32.1	25.3	23.3	17.4	56.7
7	Fannin	Syngenta	31.5	25.4	25.5	23.6	59.5
8	Billings	OSU	31.4	23.6	22.4	20.3	58.2
9	TAM 401	TAMU	31.3	26.2	26.4	25.3	56.3
10	Doans	OSU	30.5	25.1	25.4	24.1	58.3
11	TAM 111	TAMU	29.8	24.8	24.3	24.7	60.0
12	Armour	Monsanto	29.3	23.5	23.0	17.8	58.9
13	TAM 112	TAMU	29.0	26.7	25.7	25.2	60.6
14	TAM W-101	TAMU	28.4	25.5	24.2	14.9	58.3
15	Gallagher	OSU	-	27.3	25.2	19.9	59.0
16	Iba	OSU	-	26.6	22.7	19.6	58.7
17	SY Razor	Syngenta	-	25.8	23.9	18.2	60.1
18	TAM 114 (TX07A001505)	TAMU	-	-	28.0	26.0	60.1
19	Ruby Lee	OSU	-	-	24.8	19.8	58.0
20	SY LLANO (APH09T9614)	Syngenta	-	-	24.7	23.2	60.6
21	TAM 204 (TX06V7266)	TAMU	-	-	24.4	20.2	58.2
22	Everest	KSU	-	-	20.6	20.1	57.6
23	LCS Mint	Limagrain	-	-	-	30.1	62.5
24	TX08V7313*	TAMU	-	-	-	26.7	60.4
25	LCS Wizard	Limagrain	-	-	-	26.1	59.0
26	WB4458	Monsanto	-	-	-	25.1	58.4
27	TX08A001249*	TAMU	-	-	-	24.8	60.6
28	SY Monument (04BC574-2)	Syngenta	-	-	-	24.8	58.8
29	TX09A001194*	TAMU	-	-	-	24.0	60.8
30	T-158	Limagrain	-	-	-	23.8	59.2
31	WB-Redhawk	Monsanto	-	-	-	23.4	58.3
32	TX09D1172*	TAMU	-	-	-	22.9	60.8
33	WB-Cedar	Monsanto	-	-	-	22.6	58.0
34	WB-Grainfield	Monsanto	-	-	-	22.1	59.2
35	Doublestop CL	OSU	-	-	-	21.7	61.8
36	Weathermaster 135	Unknown	-	-	-	21.0	58.4
37	Winterhawk	Monsanto	-	-	-	20.1	60.6
38	Coronado	Syngenta	-	-	-	18.9	56.6
39	T-153	Limagrain	-	-	-	17.7	57.7
40	SY Drifter (AP09T7631)	Syngenta	-	-	-	14.9	57.4
	LSD (5%)		**3.5**	**4.1**	**4.1**	**5.5**	**-**
	CV (%)		**13.6**	**16.7[a]**	**14.2**	**15.1**	**-**
	Mean		**31.7**	**26.4**	**24.8**	**22.1**	**59.0**

* Experimental wheat breeding line

[†] Yield average for 2014 and 2012

[‡] Yield average for 2014, 2012, and 2011

[§] Yield average for 2014, 2012, 2011, and 2010.

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

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Chillocothe, TX

Rank	Variety	Developer	Yield (bu/a) 4-Year§	3-Year‡	2-Year†	2014	Test Weight (lb/bu) 2014
1	Jackpot	Syngenta	37.9	32.4	41.2	33.4	56.4
2	Duster	OSU	35.8	27.6	33.9	24.3	57.7
3	TAM 304	TAMU	34.5	26.9	33.9	22.9	51.8
4	TAM 112	TAMU	33.4	28.0	35.1	25.8	55.9
5	TAM 305	TAMU	33.0	25.7	33.7	21.0	55.1
6	Armour	Monsanto	32.9	25.4	31.6	22.3	54.4
7	Greer	Syngenta	31.9	27.0	33.0	25.1	51.8
8	TAM 401	TAMU	31.9	27.5	35.4	22.6	53.4
9	TAM 111	TAMU	31.6	23.7	29.1	19.5	56.0
10	Billings	OSU	31.4	24.0	31.4	19.3	54.3
11	TAM 113	TAMU	30.6	25.3	32.7	17.3	58.7
12	TAM W-101	TAMU	29.7	25.2	33.0	19.2	56.1
13	Doans	OSU	28.5	23.7	31.5	24.7	56.1
14	Fannin	Syngenta	28.2	21.7	28.3	19.1	57.7
15	Iba	OSU	-	29.1	36.0	25.9	57.2
16	SY Razor	Syngenta	-	26.5	34.1	22.2	60.3
17	Gallagher	OSU	-	26.0	34.9	22.7	57.1
18	Ruby Lee	OSU	-	-	40.0	28.0	57.5
19	SY LLANO (APH09T9614)	Syngenta	-	-	39.4	28.5	57.3
20	Everest	KSU	-	-	38.1	30.4	56.3
21	TAM 114 (TX07A001505)	TAMU	-	-	36.6	24.6	58.7
22	TAM 204 (TX06V7266)	TAMU	-	-	32.9	20.8	54.6
23	Winterhawk	Monsanto	-	-	-	31.9	57.6
24	WB4458	Monsanto	-	-	-	30.2	56.9
25	TX09D1172*	TAMU	-	-	-	29.0	57.9
26	T-158	Limagrain	-	-	-	28.3	54.4
27	WB-Redhawk	Monsanto	-	-	-	28.2	56.3
28	TX09A001194*	TAMU	-	-	-	27.3	56.1
29	Doublestop CL	OSU	-	-	-	26.5	58.8
30	T-153	Limagrain	-	-	-	26.0	53.2
31	WB-Cedar	Monsanto	-	-	-	24.3	55.4
32	TX08V7313*	TAMU	-	-	-	24.1	58.5
33	LCS Mint	Limagrain	-	-	-	23.0	59.6
34	TX08A001249*	TAMU	-	-	-	22.8	55.8
35	SY Monument (04BC574-2)	Syngenta	-	-	-	22.7	57.6
36	SY Drifter (AP09T7631)	Syngenta	-	-	-	22.2	57.3
37	LCS Wizard	Limagrain	-	-	-	22.2	55.3
38	Coronado	Syngenta	-	-	-	20.1	56.5
39	Weathermaster 135	Unknown	-	-	-	19.7	56.4
40	WB-Grainfield	Monsanto	-	-	-	19.0	52.9
		LSD (5%)	**2.6**	**2.6**	**3.6**	**4.6**	**-**
		CV (%)	**9.8**	**10.8**	**9.1**	**11.7**	**-**
		Mean	**32.2**	**26.2**	**34.4**	**24.2**	**56.3**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2011

§ Yield average for 2014, 2012, 2011, and 2010.

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Hardeman, TX

Rank	Variety	Developer	Yield (bu/a) 4-Year§	3-Year‡	2-Year†	2014	Test Weight (lb/bu) 2014
1	TAM 304	TAMU	41.2	33.1	41.6	44.2	58.9
2	Jackpot	Syngenta	38.8	35.0	41.6	43.2	60.6
3	Duster	OSU	38.6	31.4	38.2	41.0	62.2
4	Greer	Syngenta	37.8	34.2	39.8	46.6	58.7
5	TAM 112	TAMU	36.5	33.1	40.4	46.0	61.6
6	TAM 305	TAMU	36.3	28.8	36.4	35.8	60.5
7	Armour	Monsanto	36.0	30.4	34.6	40.4	60.5
8	TAM 113	TAMU	35.1	30.2	37.2	39.7	61.9
9	Billings	OSU	34.9	29.2	38.6	39.0	61.8
10	TAM 401	TAMU	33.0	28.2	36.2	41.6	58.4
11	TAM 111	TAMU	31.9	26.9	32.4	34.7	61.4
12	Doans	OSU	31.8	28.3	35.6	38.7	61.4
13	TAM W-101	TAMU	30.5	28.8	35.4	35.7	60.6
14	Fannin	Syngenta	27.9	23.0	28.8	34.6	62.3
15	Gallagher	OSU	-	31.8	39.2	37.0	60.9
16	Iba	OSU	-	31.3	38.7	43.5	61.8
17	SY Razor	Syngenta	-	28.1	34.8	30.6	61.7
18	TAM 204 (TX06V7266)	TAMU	-	-	41.7	45.1	57.8
19	Everest	KSU	-	-	38.6	37.6	59.8
20	TAM 114 (TX07A001505)	TAMU	-	-	38.3	38.2	60.8
21	Ruby Lee	OSU	-	-	37.3	37.0	61.1
22	SY LLANO (APH09T9614)	Syngenta	-	-	36.5	40.0	62.4
23	Winterhawk	Monsanto	-	-	-	48.2	62.3
24	WB-Redhawk	Monsanto	-	-	-	46.3	62.3
25	T-158	Limagrain	-	-	-	45.7	60.0
26	WB-Grainfield	Monsanto	-	-	-	45.6	58.4
27	TX08A001249*	TAMU	-	-	-	45.4	61.3
28	Doublestop CL	OSU	-	-	-	45.2	62.1
29	WB4458	Monsanto	-	-	-	44.9	60.7
30	TX09A001194*	TAMU	-	-	-	43.9	61.1
31	LCS Mint	Limagrain	-	-	-	43.4	61.8
32	LCS Wizard	Limagrain	-	-	-	42.8	61.6
33	TX09D1172*	TAMU	-	-	-	42.7	61.3
34	SY Monument (04BC574-2)	Syngenta	-	-	-	41.7	59.9
35	TX08V7313*	TAMU	-	-	-	41.7	61.8
36	T-153	Limagrain	-	-	-	39.9	59.7
37	WB-Cedar	Monsanto	-	-	-	38.6	58.2
38	Coronado	Syngenta	-	-	-	37.9	61.6
39	SY Drifter (AP09T7631)	Syngenta	-	-	-	36.6	61.7
40	Weathermaster 135	Unknown	-	-	-	36.6	60.4
	LSD (5%)		**3.0**	**2.3**	**2.9**	**4.1**	**-**
	CV (%)		**10.5**	**8.1**	**6.7**	**6.2**	**-**
	Mean		**35.0**	**30.1**	**37.4**	**40.9**	**60.8**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2011

§ Yield average for 2014, 2012, 2011, and 2010.

Texas Locations Agronomic Data
South: 2014

Location[1]	Cooperator(s)	Yield Limiting Issues	Planting Date	Fertilizer (Total lb N/A)	Water*	Pesticide Applied (Date)
Beeville	Texas A&M AgriLife Research Center	Extreme Drought and Heat **DATA NOT SHOWN**	11/13/13 **(Winter)** 12/17/13 **(Spring)**	47	IL	Huskie (2/25/14)
Brady	Holubec Farms; David Holubec	Multiple hard freeze events; Drought; **DATA NOT SHOWN**	10/29/13	47	D	Finesse + Weedmaster (2/13/14)
Castroville	Rollin Mangold	Lodging **(Winter)** None **(Spring)**	11/11/13 **(Winter)** 12/17/13 **(Spring)**	108	IL	None
College Station	Texas A&M University Research Farm	Lodging; Seed shattering; Heavy Rainfall at Harvest	11/19/13	40	IL	Weedmaster (2/21/14)
Uvalde	Texas A&M AgriLife Research and Extension Center	None	11/13/13 **(Winter)** 12/17/13 **(Spring)**	40	IL	Weedmaster (2/19/14)
Wharton	L.P.S Farms Larry and Phillip Stelzel	Lodging; Minor seed shattering **(Winter)** Wildlife Grazing; **DATA NOT SHOWN (Spring)**	11/19/13	124	D	Affinity Broadspec (2/1/14)

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

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, South Central Texas Location Summary

2014 Rank	Variety	Developer	2014 Yield (bu/a)					Test Weight[1] (lb/bu)
			Average	Castro-ville	College Station	Uvalde	Wharton	2014
1	WB-Cedar	Monsanto	**71.9**	96.4	58.9	63.0	46.2	58.4
2	Greer	Syngenta	**69.7**	87.4	56.1	91.0	42.0	55.2
3	TAM 114 (TX07A001505)	TAMU	**68.0**	87.7	62.8	77.8	40.6	59.5
4	Gallagher	OSU	**67.8**	94.7	55.2	58.9	57.4	58.6
5	Ruby Lee	OSU	**67.4**	87.6	56.5	78.4	43.5	59.6
6	TAM 304	TAMU	**66.5**	91.9	57.6	70.0	24.3	56.8
7	CJ	Syngenta	**66.2**	81.9	51.3	82.9	48.5	59.5
8	WB-Redhawk	Monsanto	**66.0**	89.4	58.2	66.4	44.1	59.5
9	TX08A001249*	TAMU	**65.7**	86.5	55.5	74.0	40.9	57.7
10	Iba	OSU	**65.6**	84.3	58.2	73.4	40.0	60.1
11	WB4458	Monsanto	**65.6**	97.3	58.2	67.9	32.1	58.8
12	SY Monument (04BC574-2)	Syngenta	**64.8**	79.3	58.9	73.5	69.2	58.2
13	TX09D1172*	TAMU	**64.5**	86.1	58.4	55.9	50.1	59.5
14	Duster	OSU	**64.3**	89.8	55.5	71.1	39.9	59.0
15	Everest	KSU	**63.7**	75.6	59.6	77.5	46.4	59.6
16	SY Drifter (AP09T7631)	Syngenta	**63.1**	91.5	44.6	76.1	44.2	59.6
17	TAM 305	TAMU	**63.1**	91.6	48.4	80.5	37.9	58.5
18	TX08V7313*	TAMU	**60.3**	79.4	50.2	63.1	31.4	59.6
19	Armour	Monsanto	**60.2**	97.3	42.6	56.8	59.5	57.1
20	TAM 204 (TX06V7266)	TAMU	**59.0**	80.2	43.5	68.9	39.2	55.8
21	TAM 401	TAMU	**58.9**	82.6	33.6	74.2	46.9	56.5
22	Doans	OSU	**58.1**	73.5	53.8	56.0	47.1	60.3
23	Billings	OSU	**56.9**	92.4	43.7	67.2	47.1	57.2
24	TAM 111	TAMU	**56.8**	75.0	55.2	59.1	45.1	59.5
25	Jackpot	Syngenta	**56.7**	73.9	34.9	71.0	31.7	57.0
26	TX09A001194*	TAMU	**56.4**	82.3	40.8	62.1	52.5	58.1
27	Coronado	Syngenta	**53.9**	67.9	45.5	51.9	49.9	58.7
28	SY LLANO (APH09T9614)	Syngenta	**52.7**	77.8	28.2	52.2	43.7	60.6
29	Garrison	OSU	**50.3**	62.1	54.9	43.1	40.6	57.5
30	Fannin	Syngenta	**50.0**	72.1	39.8	47.5	47.4	57.8
31	TAM W-101	TAMU	**48.3**	66.9	45.3	41.7	40.3	58.4
32	TAM 112	TAMU	**44.6**	61.9	36.8	48.1	49.0	57.3
33	SY Razor	Syngenta	**38.8**	51.6	39.3	32.4	48.4	59.5
	LSD (5%)		**6.9**	**11.2**	**15.7**	**17.5**	**10.9**	**1.0**
	CV (%)		**14.3**	**8.4**	**19.3[a]**	**16.3[a]**	**15.0**	**2.2**
	Mean		**60.1**	**81.7**	**49.8**	**64.7**	**44.5**	**58.5**

* Experimental wheat breeding line

[1]Average of Test Weight across locations

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

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Castroville, TX

Rank	Variety	Developer	Yield (bu/a) 4-Year §	3-Year ‡	2-Year†	2014	Test Weight (lb/bu) 2014
1	TAM 304	TAMU	80.3	86.6	84.0	91.9	61.2
2	TAM 401	TAMU	76.8	77.4	73.0	82.6	59.7
3	Duster	OSU	74.8	77.6	76.6	89.8	62.2
4	Greer	Syngenta	72.6	68.6	71.0	87.4	58.3
5	Jackpot	Syngenta	67.6	69.3	67.0	73.9	59.9
6	Coronado	Syngenta	67.3	73.7	67.1	67.9	62.0
7	Doans	OSU	59.3	64.3	62.7	73.5	62.9
8	Fannin	Syngenta	57.7	58.4	64.4	72.1	61.7
9	TAM W-101	TAMU	55.7	57.0	58.5	66.9	60.8
10	TAM 111	TAMU	54.4	59.7	62.3	75.0	62.6
11	TAM 112	TAMU	51.7	50.3	54.5	61.9	60.9
12	TAM 305	TAMU	-	83.6	77.3	91.6	61.7
13	Armour	Monsanto	-	82.1	83.6	97.3	61.0
14	Billings	OSU	-	79.7	76.9	92.4	62.2
15	Garrison	OSU	-	62.0	60.2	62.1	60.3
16	Gallagher	OSU	-	-	80.3	94.7	62.4
17	Iba	OSU	-	-	73.9	84.3	62.8
18	SY Razor	Syngenta	-	-	55.6	51.6	62.4
19	WB4458	Monsanto	-	-	-	97.3	61.8
20	WB-Cedar	Monsanto	-	-	-	96.4	61.5
21	SY Drifter (AP09T7631)	Syngenta	-	-	-	91.5	62.2
22	WB-Redhawk	Monsanto	-	-	-	89.4	61.9
23	TAM 114 (TX07A001505)	TAMU	-	-	-	87.7	63.1
24	Ruby Lee	OSU	-	-	-	87.6	61.9
25	TX08A001249*	TAMU	-	-	-	86.5	61.6
26	TX09D1172*	TAMU	-	-	-	86.1	61.8
27	TX09A001194*	TAMU	-	-	-	82.3	62.0
28	CJ	Syngenta	-	-	-	81.9	61.7
29	TAM 204 (TX06V7266)	TAMU	-	-	-	80.2	58.5
30	TX08V7313*	TAMU	-	-	-	79.4	62.5
31	SY Monument (04BC574-2)	Syngenta	-	-	-	79.3	60.7
32	SY LLANO (APH09T9614)	Syngenta	-	-	-	77.8	63.2
33	Everest	KSU	-	-	-	75.6	61.9
		LSD (5%)	**7.7**	**8.6**	**8.4**	**11.2**	**0.6**
		CV (%)	**14.4**	**13.1**	**10.5**	**8.4**	**0.6**
		Mean	**65.3**	**70.0**	**69.4**	**81.7**	**61.6**

* Experimental wheat breeding line

† Yield average for 2014 and 2011

‡ Yield average for 2014, 2011, and 2010

§ Yield average for 2014, 2011, 2010, and 2009.

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, College Station, TX

Rank	Variety	Developer	Yield (bu/a) 3-Year ‡	Yield (bu/a) 2-Year†	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	Billings	OSU	61.0	44.1	43.7	54.8
2	TAM 304	TAMU	55.2	43.2	57.6	54.1
3	Duster	OSU	52.6	45.8	55.5	56.7
4	Doans	OSU	51.6	46.5	53.8	58.4
5	TAM 305	TAMU	51.3	45.6	48.4	55.8
6	CJ	Syngenta	50.7	45.6	51.3	57.2
7	Coronado	Syngenta	50.2	40.8	45.5	56.8
8	Armour	Monsanto	49.9	40.2	42.6	54.1
9	Fannin	Syngenta	47.7	38.7	39.8	56.0
10	Greer	Syngenta	46.9	43.9	56.1	53.9
11	TAM 401	TAMU	45.8	37.7	33.6	53.5
12	TAM 111	TAMU	42.7	37.4	55.2	57.8
13	Garrison	OSU	39.8	33.4	54.9	55.3
14	Jackpot	Syngenta	36.9	26.5	34.9	54.2
15	TAM W-101	TAMU	36.1	36.5	45.3	57.5
16	TAM 112	TAMU	32.7	24.4	36.8	52.2
17	WB-Cedar	Monsanto	-	53.1	58.9	55.1
18	Everest	KSU	-	52.4	59.6	57.6
19	Gallagher	OSU	-	49.5	55.2	55.0
20	Ruby Lee	OSU	-	46.9	56.5	57.6
21	TAM 114 (TX07A001505)	TAMU	-	45.9	62.8	57.7
22	Iba	OSU	-	45.1	58.2	58.7
23	TAM 204 (TX06V7266)	TAMU	-	44.2	43.5	54.0
24	SY Razor	Syngenta	-	37.8	39.3	55.8
25	SY LLANO (APH09T9614)	Syngenta	-	28.1	28.2	58.9
26	SY Monument (04BC574-2)	Syngenta	-	-	58.9	56.9
27	TX09D1172*	TAMU	-	-	58.4	56.5
28	WB4458	Monsanto	-	-	58.2	56.3
29	WB-Redhawk	Monsanto	-	-	58.2	57.6
30	TX08A001249*	TAMU	-	-	55.5	55.5
31	TX08V7313*	TAMU	-	-	50.2	57.0
32	SY Drifter (AP09T7631)	Syngenta	-	-	44.6	58.0
33	TX09A001194*	TAMU	-	-	40.8	52.7
		LSD (5%)	**8.0**	**8.9**	**15.7**	**1.3**
		CV (%)	**18.1[a]**	**18.9[a]**	**19.3[a]**	**1.4**
		Mean	**47.0**	**41.3**	**49.8**	**56.0**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2011

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

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Uvalde, TX

Rank	Variety	Developer	Yield (bu/a) 3-Year ‡	Yield (bu/a) 2-Year†	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	TAM 305	TAMU	63.1	60.6	80.5	61.0
2	CJ	Syngenta	61.5	61.5	82.9	60.7
3	TAM 304	TAMU	60.1	53.1	70.0	58.8
4	Duster	OSU	57.7	52.8	71.1	61.3
5	TAM 401	TAMU	56.1	56.0	74.2	59.1
6	Jackpot	Syngenta	52.6	51.8	71.0	59.4
7	Billings	OSU	50.6	48.3	67.2	61.3
8	Armour	Monsanto	50.0	45.5	56.8	58.6
9	TAM 111	TAMU	41.2	45.9	59.1	62.1
10	Doans	OSU	40.2	42.9	56.0	60.1
11	Coronado	Syngenta	40.0	42.1	51.9	57.7
12	TAM 112	TAMU	38.5	40.6	48.1	60.3
13	Fannin	Syngenta	37.4	36.8	47.5	56.6
14	TAM W-101	TAMU	35.7	38.4	41.7	60.1
15	Garrison	OSU	33.4	32.9	43.1	59.9
16	Greer	Syngenta	-	63.2	91.0	55.3
17	Everest	KSU	-	57.4	77.5	61.9
18	Ruby Lee	OSU	-	55.4	78.4	61.4
19	TAM 114 (TX07A001505)	TAMU	-	54.8	77.8	62.3
20	Iba	OSU	-	53.6	73.4	62.0
21	TAM 204 (TX06V7266)	TAMU	-	52.7	68.9	59.2
22	Gallagher	OSU	-	47.5	58.9	60.2
23	WB-Cedar	Monsanto	-	47.4	63.0	59.2
24	SY LLANO (APH09T9614)	Syngenta	-	42.4	52.2	60.9
25	SY Razor	Syngenta	-	27.8	32.4	60.8
26	SY Drifter (AP09T7631)	Syngenta	-	-	76.1	60.9
27	TX08A001249*	TAMU	-	-	74.0	58.0
28	SY Monument (04BC574-2)	Syngenta	-	-	73.5	59.2
29	WB4458	Monsanto	-	-	67.9	60.4
30	WB-Redhawk	Monsanto	-	-	66.4	60.9
31	TX08V7313*	TAMU	-	-	63.1	61.2
32	TX09A001194*	TAMU	-	-	62.1	60.8
33	TX09D1172*	TAMU	-	-	55.9	60.7
		LSD (5%)	**10.0**	**12.4**	**17.5**	**3.1**
		CV (%)	**19.5[a]**	**20.2[a]**	**16.3[a]**	**3.2**
		Mean	**47.9**	**48.5**	**64.7**	**60.1**

* Experimental wheat breeding line

† Yield average for 2014 and 2012

‡ Yield average for 2014, 2012, and 2010

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

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRWW, Wharton, TX

Rank	Variety	Developer	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	WB-Cedar	Monsanto	69.2	57.6
2	Gallagher	OSU	59.5	57.5
3	TX09D1172*	TAMU	57.4	59.2
4	SY LLANO (APH09T9614)	Syngenta	52.5	59.5
5	Coronado	Syngenta	50.1	58.4
6	WB-Redhawk	Monsanto	49.9	57.5
7	Doans	OSU	49.0	59.8
8	CJ	Syngenta	48.5	57.9
9	TX08V7313*	TAMU	48.4	58.0
10	SY Monument (04BC574-2)	Syngenta	47.4	55.9
11	Ruby Lee	OSU	47.1	57.4
12	TX08A001249*	TAMU	47.1	55.9
13	Jackpot	Syngenta	46.9	54.7
14	Iba	OSU	46.4	56.9
15	TAM 304	TAMU	46.2	53.2
16	TAM 401	TAMU	45.1	53.6
17	Greer	Syngenta	44.2	53.5
18	Armour	Monsanto	44.1	54.6
19	TAM 114 (TX07A001505)	TAMU	43.7	54.8
20	TAM 204 (TX06V7266)	TAMU	43.5	51.7
21	Everest	KSU	42.0	57.1
22	Garrison	OSU	40.9	54.6
23	Duster	OSU	40.6	55.9
24	Fannin	Syngenta	40.6	57.1
25	TX09A001194*	TAMU	40.3	56.9
26	SY Drifter (AP09T7631)	Syngenta	40.0	57.4
27	WB4458	Monsanto	39.9	57.2
28	TAM W-101	TAMU	39.2	55.2
29	TAM 111	TAMU	37.9	55.4
30	SY Razor	Syngenta	32.1	58.8
31	TAM 305	TAMU	31.7	55.6
32	TAM 112	TAMU	31.4	55.7
33	Billings	OSU	24.3	50.7
		LSD (5%)	**10.9**	**2.5**
		CV (%)	**15.0**	**2.7**
		Mean	**44.5**	**56.2**

* Experimental wheat breeding line

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: SRWW, Wharton, TX

Rank	Variety	Developer	Yield (bu/a) 2014	Test Weight (lb/bu) 2014
1	TV 8525	Terral	54.7	55.4
2	Oakes	Syngenta	53.2	56.4
3	TV 8848	Terral	51.2	53.4
4	Dyna-Gro 9012	Dyna-Gro Seeds	51.1	55.3
5	SY Harrison	Syngenta	51.1	50.5
6	USG 3555	UniSouth Genetics	50.0	53.7
7	25R40	Pioneer	49.8	53.2
8	GA04434-11E44*	UGA	48.8	53.9
9	Coker 9553	Syngenta	48.1	56.8
10	AGS 2056	AgSouth Genetics	47.3	53.6
11	Dyna-Gro WX13622*	Dyna-Gro Seeds	45.9	51.6
12	LA033200E-2*	LSU	45.9	56.7
13	AR01040-4-1*	UARK	45.3	55.0
14	P 357	Progeny	44.7	48.8
15	P 870	Progeny	43.6	53.0
16	USG 3404	UniSouth Genetics	43.5	51.0
17	ARGA04510-11LE24*	UARK/UGA	42.9	50.6
18	USG 3201	UniSouth Genetics	42.9	54.3
19	TV 8861	Terral	42.1	54.1
20	USG 3120	UniSouth Genetics	41.3	55.5
21	LA05130D-P5*	LSU	40.7	54.9
22	TV 8535	Terral	40.4	52.8
23	L 343	Limagrain	40.2	55.2
24	GA041293-11LE37*	UGA	39.6	55.9
25	TXGA11E21*	TAMU/UGA	39.4	51.0
26	Dyna-Gro WX13631*	Dyna-Gro Seeds	39.0	55.7
27	P 125	Progeny	39.0	53.2
28	AGS 2038	AgSouth Genetics	38.9	54.2
29	AGS 2035	AgSouth Genetics	36.9	53.3
30	P 185	Progeny	36.5	54.8
31	PGX 13-6*	Progeny	36.5	49.9
32	AGS 2040	AgSouth Genetics	35.7	56.0
33	GA041052-11E51*	UGA	34.5	53.1
34	GA041293-11E54*	UGA	34.4	52.3
35	PGX 13-4*	Progeny	34.0	52.1
36	USG 3833	UniSouth Genetics	30.6	51.7
37	LA 754	Terral	30.1	52.5
38	SY Bonham	Syngneta	29.5	53.3
39	25R39	Pioneer	28.8	49.8
40	LA05032D-136*	LSU	28.7	55.5
41	LA06146E-P4*	LSU	28.6	53.0
42	LA 841	Terral	28.1	50.9
43	PGX 13-1*	Progeny	27.8	50.7
44	LA 821	Terral	26.2	53.2
45	AGS 2057	AgSouth Genetics	22.8	50.6
		LSD (5%)	**13.8**	**2.0**
		CV (%)	**21.4[a]**	**2.3**
		Mean	**39.8**	**53.3**

* Experimental wheat breeding line

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

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Wheat Variety Trial: HRSW, South Texas Location Summary

2014 Rank	Variety	Developer	2014 Yield (bu/a)			Test Weight[1] (lb/bu)
			Average	Castroville	Uvalde	2014
1	TX10D2265*	TAMU	**83.2**	81.1	85.3	59.0
2	Expresso	Monsanto	**82.0**	84.1	80.0	58.9
3	WB 9229	Monsanto	**79.1**	80.4	77.8	58.3
4	TX12M4713*	TAMU	**76.8**	75.5	78.1	59.7
5	TX10D2275*	TAMU	**74.0**	74.5	73.4	59.3
6	Rockland	Monsanto	**73.4**	76.4	70.5	57.4
7	TX99U8544*	TAMU	**72.8**	75.8	69.7	58.5
8	TX12M4688*	TAMU	**71.8**	76.7	66.9	58.0
9	TX11D3117*	TAMU	**71.3**	75.2	67.4	58.6
10	TX12M4615*	TAMU	**71.0**	72.9	69.1	58.2
11	TX12M4363*	TAMU	**66.5**	70.3	62.6	56.7
12	TX11D3127*	TAMU	**66.4**	65.9	66.9	58.1
13	Faller	NDSU	**66.3**	67.2	65.5	57.5
14	TX11D3084*	TAMU	**65.4**	68.6	62.1	58.5
15	WB-Joaquin Oro	Monsanto	**64.9**	67.9	61.9	57.9
16	TX12M4637*	TAMU	**64.2**	70.0	58.5	59.1
17	TX11D3134*	TAMU	**62.3**	62.5	62.2	58.5
18	TX11D3039*	TAMU	**59.4**	61.1	57.6	59.6
19	TX12M4698*	TAMU	**56.9**	68.6	45.1	55.7
20	TX11D3120*	TAMU	**56.9**	59.0	54.7	56.5
21	Dinero	---	**56.4**	60.4	52.4	57.5
22	Verde	UM/USDA	**50.5**	70.1	30.8	57.6
23	Barley**	---	**---**	---	91.2	44.1
24	WB-Mayville	Monsanto	**---**	---	60.8	59.2
25	LCS Albany	Limagrain	**---**	79.0	---	58.9
26	Express	Monsanto	**---**	76.2	---	58.4
27	SY Goliad	Syngenta	**---**	74.2	---	58.4
28	WB-Digger	Monsanto	**---**	71.6	---	59.0
29	Breaker	Monsanto	**---**	70.4	---	59.6
30	Samson	Monsanto	**---**	65.8	---	59.0
31	Vantage	Monsanto	**---**	65.3	---	59.1
32	WB-Gunnison	Monsanto	**---**	63.4	---	57.9
		LSD (5%)	**10.1**	**11.5**	**14.1**	**0.8**
		CV (%)	**13.0**	**11.6**	**15.3**	**1.2**
		Mean	**68.5**	**71.0**	**65.4**	**58.0**

* Experimental wheat breeding line

[1]Average of Test Weight across locations

**Generic spring barley variety used as comparison in Uvalde.

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Variety Trial: HRSW, Castroville, TX - Irrigated

2014 Rank	Variety	Developer	Grain Yield (bu/ac) 2014	Test Weight (lb/bu) 2014
1	Expresso	Monsanto	84.1	58.7
2	TX10D2265*	TAMU	81.1	59.4
3	WB 9229	Monsanto	80.4	58.3
4	LCS Albany	Limagrain	79.0	58.9
5	TX12M4688*	TAMU	76.7	57.7
6	Rockland	Monsanto	76.4	56.3
7	Express	Monsanto	76.2	58.4
8	TX99U8544*	TAMU	75.8	58.5
9	TX12M4713*	TAMU	75.5	59.5
10	TX11D3117*	TAMU	75.2	58.6
11	TX10D2275*	TAMU	74.5	59.5
12	SY Goliad	Syngenta	74.2	58.4
13	TX12M4615*	TAMU	72.9	58.0
14	WB-Digger	Monsanto	71.6	59.0
15	Breaker	Monsanto	70.4	59.6
16	TX12M4363*	TAMU	70.3	56.3
17	Verde	UM/USDA	70.1	57.7
18	TX12M4637*	TAMU	70.0	59.4
19	TX11D3084*	TAMU	68.6	58.5
20	TX12M4698*	TAMU	68.6	56.1
21	WB-Joaquin Oro	Monsanto	67.9	57.1
22	Faller	NDSU	67.2	57.4
23	TX11D3127*	TAMU	65.9	58.1
24	Samson	Monsanto	65.8	59.0
25	Vantage	Monsanto	65.3	59.1
26	WB-Gunnison	Monsanto	63.4	57.9
27	TX11D3134*	TAMU	62.5	57.6
28	TX11D3039*	TAMU	61.1	58.9
29	Dinero	---	60.4	57.4
30	TX11D3120*	TAMU	59.0	56.0
		LSD (5%)	**11.5**	**1.0**
		CV (%)	**11.6**	**1.2**
		Mean	**71.0**	**58.2**

* Experimental wheat breeding line

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

2014 Uniform Variety Trial: HRSW, Uvalde, TX - Irrigated

2014 Rank	Variety	Developer	Grain Yield (bu/ac) 2-Year†	2013	2014	Test Weight (lb/bu) 2014
1	Expresso	Monsanto	70.6	51.9	80.0	59.1
2	Rockland	Monsanto	62.5	46.6	70.5	58.5
3	TX99U8544*	TAMU	62.3	47.4	69.7	58.6
4	Faller	NDSU	56.1	37.4	65.5	57.6
5	WB-Mayville	Monsanto	55.4	48.3	60.8	59.2
6	Dinero	---	48.1	39.6	52.4	57.5
7	Verde	UM/USDA	37.1	49.7	30.8	57.4
8	Barley**	---	-	-	91.2	44.1
9	TX10D2265*	TAMU	-	-	85.3	58.7
10	TX12M4713*	TAMU	-	-	78.1	59.9
11	WB 9229	Monsanto	-	-	77.8	58.2
12	TX10D2275*	TAMU	-	-	73.4	59.1
13	TX12M4615*	TAMU	-	-	69.1	58.4
14	TX11D3117*	TAMU	-	-	67.4	58.6
15	TX11D3127*	TAMU	-	-	66.9	58.1
16	TX12M4688*	TAMU	-	-	66.9	58.3
17	TX12M4363*	TAMU	-	-	62.6	57.2
18	TX11D3134*	TAMU	-	-	62.2	59.5
19	TX11D3084*	TAMU	-	-	62.1	58.6
20	WB-Joaquin Oro	Monsanto	-	-	61.9	58.7
21	TX12M4637*	TAMU	-	-	58.5	58.8
22	TX11D3039*	TAMU	-	-	57.6	60.3
23	TX11D3120*	TAMU	-	-	54.7	57.1
24	TX12M4698*	TAMU	-	-	45.1	55.4
25	Breaker	Monsanto	-	48.9	-	-
26	WB-Digger	Monsanto	-	40.9	-	-
27	Express	Monsanto	-	53.5	-	-
28	SY Goliad	Syngenta	-	54.5	-	-
29	WB-Gunnison	Monsanto	-	38.7	-	-
30	Samson	Monsanto	-	39.9	-	-
31	Vantage	Monsanto	-	58.4	-	-
		LSD (5%)	**12.3**	**14.0**	**14.1**	**0.9**
		CV (%)	**18.6[a]**	**13.4**	**15.3**	**1.2**
		Mean	**56.0**	**47.1**	**65.4**	**57.8**

* Experimental wheat breeding line

**Generic barley variety used as standard check in Uvalde.

† Yield average for 2014 and 2013

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

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