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Texas Wheat Variety Trial Results

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Texas Wheat Uniform Variety Trials

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Dedication

This publication is dedicated to the memory of Robert Steve Brown (1951-2016) whose service and valuable contributions as a friend and colleague to the Texas Foundation Seed Service, Texas A&M AgriLife, and wheat growers everywhere will surely be missed.

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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 include Hard Red Winter Wheat (HRWW), Soft Red Winter Wheat (SRWW) and Hard Red Spring Wheat (HRSW).

During the 2015-16 wheat production season, Texas producers planted 5.2 million acres of wheat, down from 2015 (6.0 million acres), according to the National Agricultural Statistics Service (NASS). Texas wheat producers harvested 2.8 million acres for grain (state average of 32 bu/a), up 3% from 2015. Excessive rainfall again throughout the winter and spring in the Blacklands and South Texas kept these regions from above average grain production.

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 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 2016-17 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:

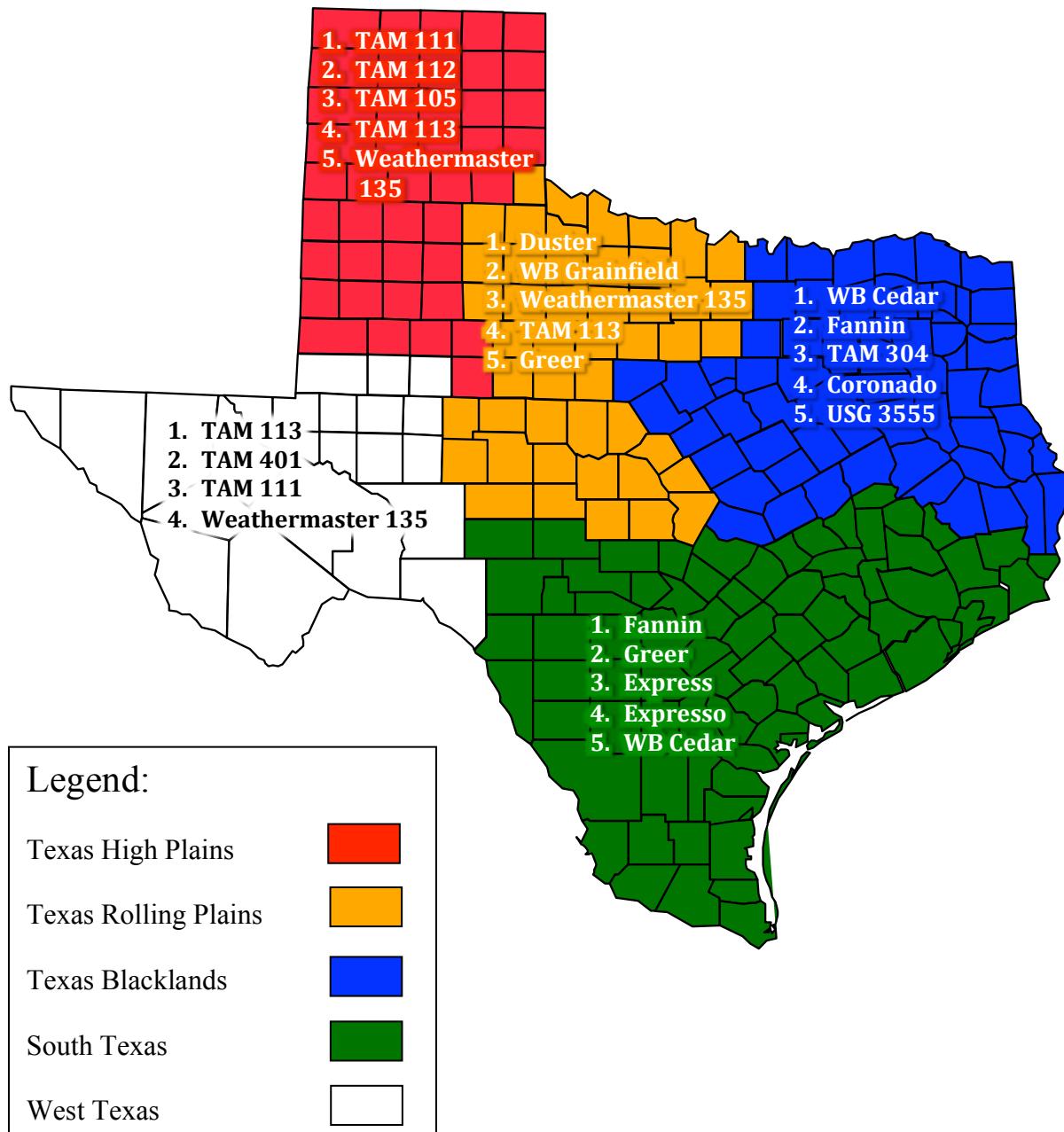
Yield and test weight at each location have been analyzed using appropriate statistical procedures. The statistical analysis provides the mean, CV, and LSD values. It is important to note these statistical values to prevent misinterpretation of any replicated data.

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 20th trial with a 5 bu/ac difference that there is not truly a statistical difference between Variety A and B, but random chance caused the 5 bushel difference.

Texas Wheat Regions Map: Top 5 Planted Varieties by Region, 2016 Wheat Survey



Data retrieved from NASS 2016 Wheat Survey

2016 Texas Region Overview

Texas Blacklands:

The Texas Blacklands wheat season started off dry in the months of September and much of October for producers planting early for fall forage production. Heavy rains arrived at the end of October and wet conditions continued through January, which prevented the majority of wheat acres from being planted in the region. In some cases, failed crops from the previous season provided excellent volunteer wheat stands, which had timely germination due to the timing of rainfall events in the fall. Some of these fields were taken to harvest. As the season progressed, excessive rainfall set in once again during late winter following a brief dry period in mid-winter and continued throughout the spring. This moisture allowed for the establishment of leaf and stripe rust infestations as well as some reported glume blotch occurrences that, along with flooded or waterlogged wheat fields, contributed to overall yield reductions. The moisture made harvest difficult if not impossible throughout much of the area and if the seed was harvestable, seed quality and/or sprouting was an issue in many fields.

Texas High Plains:

Fall planting conditions were above average on the Texas High Plains as the result of summer and early fall precipitation that resulted in full soil moisture profiles and very good to excellent stand establishment. In-season winter precipitation (snowfall) was below average across much of the Northern High Plains. However, in-season snowfall was above average in western regions of the southern High Plains as the result of a significant winter blizzard. There was negligible crop injury or winter kill associated with this severe weather event. Regionally, late winter and early spring temperatures were above average and precipitation remained below average resulting in severe water stress on much of the wheat acres. Weather patterns shifted in late April when much of the crop was beginning to enter reproductive stages of development. Subsequent precipitation and cool temperatures persisted through May resulting in optimal conditions that were ideal for stripe rust. Regionally, growing season conditions resulted in above average yields on both dryland and irrigated acreage.

Texas Rolling Plains:

Wheat planting was delayed across the Rolling Plains especially in the southern Rolling Plains due to heavy rain in October 2015. There were some reports of seedling emergence issues in this area especially from seeds that were saved from spring of 2015. The Rolling Plains experienced a very wet April and May 2015 and saved seed quality may have been lower than average. Above average precipitation continued during fall to early winter. Some freeze-damaged wheat was observed in the spring, although no severe yield losses were reported. A dry summer in 2015 and above average precipitation in the fall and early winter contributed to above average weed pressure. Stripe rust started earlier than expected in late-January to early-February due to the ideal temperatures (50-64 °F) for stripe rust infection during early spring. Strong storms during the end of May reduced yield through hail and wind damage. Late-season storms also resulted in pre-harvest sprouting especially in susceptible and early maturing varieties.

South Texas:

In the southern part of the state, winter planting was challenging between rainfall events in November and December. Sufficient rainfall throughout the remainder of the winter allowed for good emergence and establishment. Excessive rainfall from late winter through the spring left many wheat fields standing in water. Foliar diseases were plentiful in this area due to the moisture. Most fields lodged or sprouted due to the moisture and many were not harvestable. Mild temperatures throughout the winter led to widespread vernalization issues in winter wheat planted in the region. The warm conditions also contributed to some insect problems such as Hessian fly and southern corn-rootworm.

Texas 2016 Hard Wheat Characteristics¹

Variety	Company	First Year Sold	Maturity Group	Height (inches) ²	Texas 2016 Hard Wheat Characteristics ¹									
					Stripe Rust	Leaf 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	S	R	MR	MS	S	MS	S	MS	-
Bentley	OSU	2016	-	-	MR	MR	R	MR	MS	-	-	-	-	-
Billings	OSU	2009	Early	25	MR	S	R	-	MS	S	MR	S	MS	-
CJ	Syngenta	2011	Medium	30	S	MS	R	-	MS	-	-	S	R	-
Coronado	Syngenta	1994	Medium	28	S	MS	R	-	MS	-	-	S	MR**	-
CPLN 15-14	Cropian	2016	-	-	MR	MR	R	MR	MR	-	-	S	S	-
Doans	Syngenta	2007	Medium	27	MR	R	MS	R	MR	S	MR	S	R	R**
Duster	OSU	2006	Med Early	30	R	MS	R	-	MS	MR	S	-	-	-
Doublestop CL	OSU	2013	Late	32	MS	R	R	-	R	MR	S	-	-	-
Endurance	OSU	2004	Medium	31	MS	R	MS	R	MR	S	MR	S	S	-
Fannin	Syngenta	2005	Early	27	MS	MR	R	-	R	MR	S	S	MS	-
Gallagher	OSU	2013	Medium	29	MR	R	MR	-	MR	-	-	-	R	-
Greer	Syngenta	2010	Medium	29	S	MR	R	-	S	-	-	-	-	-
Iba	OSU	2013	Medium	30	R	MR	R	-	MR	S	-	-	-	-
Jackpot	Syngenta	2008	Medium	26	S	MR	MR	-	MS	MS	-	S	S	-
KanMark	KSU	2014	-	-	R*	MS*	MR*	-	S*	MS*	-	S*	-	S*
LCS Mint	Limagrain	2012	Med Late	32	S	MR	R	-	MS	MS	-	S	S	-
LCS Pistol	Limagrain	2016	Medium Earl	-	MR*	S*	MR*	-	MR*	MR*	-	-	MS	-
LCS Wizard	Limagrain	2012	Med Late	29	R	MS	MS	-	R	-	-	S	-	-
Long Branch	Dyna-Gro	2016	Medium*	-	MR	MR	-	R	-	-	-	-	-	-
PlainsGold Avery	PlainsGold	2011	Medium	30	MS	MS	MS	-	MS	MS	-	-	-	-
PlainsGold Brawl CL	PlainsGold	2011	Medium	31	S	S	S	-	MR	MR	-	-	-	-
PlainsGold Byrd	PlainsGold	2011	Medium	31	S	MS	R	-	MS	MS	-	-	-	-
PlainsGold Denali	OSU	2011	Medium	32	MS	R	-	MS	-	-	-	-	R	-
Ruby Lee	Syngenta	2015	-	30	R	MR	R	-	MR	-	-	-	S	-
SY Diffrer	Syngenta	2016	-	-	MR	R	R	-	MS	-	-	-	-	-
SY Grit	Syngenta	2015	Early*	27	MS	MR	-	MS	-	-	-	-	-	-
SY Liano	Syngenta	2015	Med Late*	29	MR	-	-	MS	-	-	-	-	-	-
SY Monument	Syngenta	2014	Medium	35	R	R	-	R	-	-	-	-	-	-
SY Razor	Syngenta	2016	-	-	R	MR	R	-	MS	-	-	-	R	-
SY Southwind	Limagrain	2009	Medium	28	MS	MR	MS	-	MS	-	-	-	MS	-
T 158	TAMU	2003	Medium	31	S	S	R	MR	MS	MS	-	-	S	-
TAM 111	TAMU	2005	Med Early	30	S	S	R	MR	MS	MS	-	-	MS	-
TAM 112	TAMU	2012	Medium	30	R	R	R	MR	MS	MS	-	-	S	-
TAM 113	TAMU	2014	Medium	30	MR	R	R	MR	MS	MS	-	-	MS	-
TAM 204	TAMU	2014	Medium	29	MS	MR	R	-	MR	MR	-	R	R	-
TAM 304	TAMU	2007	Med Early	27	R	MR	R	-	MR	MS	-	S	R	-
TAM 305	TAMU	2013	Med Early	28	R	R	R	MR	MS	MS	-	-	S	-
TAM 401	TAMU	2008	Early	31	MR	R	R	-	MR	MS	-	S	MS	-
TAM W-101	TAMU	1971	Med Late	29	MS	MS	R	-	S	-	-	-	S	-
Underwood	Dyna-Gro	2016	-	-	MR	MR	-	-	MS	-	-	-	-	-
WB Cedar	Monsanto	2011	Early	26	R	MR	R	-	MR	-	-	-	MS	-
WB Grainfield	Monsanto	2013	Medium	31	MR	R	R	-	MS	-	-	-	S	-
WB Redhawk	Monsanto	2013	Medium	30	R	S	R	-	MS	-	-	-	MS	-
WB 4303	Monsanto	2016	-	-	R	MS	R	-	S	-	-	-	S	-
WB 4458	Monsanto	2013	Med Early	30	MS	R	MR	-	MS	-	-	-	S	-
WB 4515	Monsanto	2016	-	-	R	MR	MR	-	MR	-	-	-	S	-
WB 4721	Monsanto	2016	-	-	R	-	-	-	-	-	-	-	-	-
Weathermaster 135	Unknown	Medium	27	MR	MS	S	-	-	MS	-	-	-	-	-
Winterhawk	Monsanto	2007	Medium	30	MS	MR	S	-	MS	-	-	-	S	-

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

²Heights are an average across the Texas Panhandle in 2014.

*Indicates rating NOT observed in Texas, but from marker's ratings.

**Due to changes in Hessian Fly biotypes, both Coronado and Duster are susceptible in the Texas Rolling Plains.

Texas 2016 Soft Wheat Characteristics¹

Variety	Company	First Year Sold	Maturity Group	Leaf Rust	Stripe Rust	Stem Rust	Awned / Awnless
25R40	Pioneer	2011	Late	MS	S		Awned
25R50	Pioneer	2015	Late	MS	S		Awnless
AgriMAXX 446	AgriMAXX	2015	Late	R	R		Awned
AgriMAXX 444	AgriMAXX	2015	Medium	MR	R		Awned
AGS 2024	AgSouth Genetics	2015	Early	R	MR		Awned
AGS 2033	AgSouth Genetics	2016	Early	R	R		Awned
AGS 2035	AgSouth Genetics	2010	Medium	R	MR		Awned
AGS 2038	AgSouth Genetics	2012	Medium Late	R	R		Awned
AGS 2040	AgSouth Genetics	2015	Medium Early	R	R		Awned
AGS 2055	AgSouth Genetics	2016	Medium	R	R		Awned
AGS 3000	AgSouth Genetics	2016	Medium	R	R		Awned
Coker 9553	Syngenta	2006	Medium	MR	MR		Awned
Dyna-Gro 9012	Dyna-Gro Seeds	2014	Medium	MS	MR		Awned
Dyna-Gro 9522	Dyna-Gro Seeds	-	Medium	R	R		Awned
Dyna-Gro 9591	Dyna-Gro Seeds	-	Medium	MR	MR		Awned
Dyna-Gro 9642	Dyna-Gro Seeds	-	Medium	R	R		Awned
GW 2056	Go-Wheat	-	Medium	R	R		Awned
GW 2058	Go-Wheat	-	Medium Late	R	MR		Awned
LA 754	Terral	2014	Early	R	MR		Awned
Oakes	Syngenta	2009	Medium	R	R		Awnless
SY Cypress	Syngenta	2015	Early	R	R		Awned
SY Harrison	Syngenta	2012	Late	S	R		Awned
SY Viper	Syngenta	2015	Medium	MR	R		Awnlested
SY 007	Syngenta	2014	Early	R	R		Awned
TV8848	Terral	2010	Late	R	R		Awned
USG 3013	UniSouth Genetics	2014	Late	S	R		Awnless
USG 3201	UniSouth Genetics	2001	Medium	MR	MR		Awned
USG 3404	UniSouth Genetics	2014	Medium	R	R		Awned
USG 3409	UniSouth Genetics	2008	Medium	MR	MR		Awnless
USG 3895	UniSouth Genetics	2015	Medium	R	R		Awned

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

Texas 2016 Spring Wheat Characteristics¹

Variety	Company	First Year Sold	Maturity Group	Leaf Rust	Stripe Rust
Barlow	NDSU	2009	Medium	R	R
Elgin	NDSU	2013	Medium Late	MR	R
Expresso	Monsanto	2007	Medium Early	MR	R
Faller	NDSU	2007	Medium	R	MR
LCS Albany	Limagrain	2009	Medium Early	MR	MR
LCS Breakaway	Limagrain	2016	Early	MR	MR
LCS Iguacu	Limagrain	2014	Medium	MR	R
LCS Nitro	Limagrain	2015	Medium	MR	R
LCS Prime	Limagrain	2016	Medium Early	R	MR
LCS Trigger	Limagrain	2016	Medium Early	R	MS
SY Goliad	Syngenta	--	Medium Early	MR	R
Verde	MAES/USDA	1995	Medium Early	R	MR
WB9112	Monsanto	2016	Medium	MR	R
WB9229	Monsanto	2016	Early	MS	R
WB9377	Monsanto	2016	Early	MR	S
WB9411	Monsanto	2015	Early	MS	MR
WB9518	Monsanto	2015	Early	MR	R
WB9668	Monsanto	2014	Early	MS	MR
WB Mayville	Monsanto	2011	Early	MR	MR

¹S-Susceptible, MS-Moderately Susceptible, MR-Moderately Resistant, and R-Resistant.

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



2016 Uniform Variety Trial: Texas Blacklands and South Texas Regional Multi-Year and Location Averages

Blacklands HRWW (16 Site-Years)			Blacklands SRWW (8 Site-Years)			South Texas HRWW (9 Site-Years)			South Texas HRSW (4 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	WB Cedar	62.3	1	AGS 2055	72.5	1	TAM 304	65.4	1	WB9518	51.9
2	Gallagher	60.1	2	Coker 9553	63.8	2	TAM 305	64.4	2	TX12M4688*	49.2
3	Billings	58.3	3	USG 3201	63.5	3	Billings	62.8	3	Expresso	49.1
4	Greer	57.2	4	AGS 2038	63.0	4	Duster	60.6	4	TX10D2265*	48.8
5	TAM 114	56.8	5	Dyna-Gro 9012	62.2	5	Armour	60.4	5	WB Mayville	47.5
6	Iba	56.6	6	TV 8848	62.0	6	TAM 401	58.3	6	LCS Iguacu	46.9
7	TAM 304	55.9	7	Pioneer 25R40	59.5	7	Greer	57.5	7	LCS Albany	45.5
8	TAM 204	53.8	8	USG 3404	58.5	8	Coronado	53.9	8	TX12M4615*	45.3
9	Doans	53.8	9	SY Harrison	58.5	9	Doans	51.8	9	WB9112	44.3
10	TAM 401	53.4	10	AGS 2040	57.6	10	Jackpot	51.4	10	WB9229	43.7
11	TAM 305	52.9	11	LA 754	55.1	11	Fannin	47.9	11	SY Goliad	43.6
12	Jackpot	51.1	12	Oakes	53.8	12	TAM 111	46.8	12	Verde	43.0
13	Armour	50.9	13	AGS 2035	49.9	13	Garrison	43.6	13	TX12M4637*	42.9
14	Fannin	50.5				14	TAM W-101	42.2	14	TX12M4713*	41.4
15	Duster	48.7				15	TAM 112	38.9	15	TX11D3084*	39.4
16	Coronado	46.3							16	Faller	37.8
									17	TX11D3039*	36.0
									18	TX99U8544*	33.4
LSD (5%)		2.3	LSD (5%)		7.8	LSD (5%)		4.8	LSD (5%)		5.3
CV (%)		10.7	CV (%)		22.9	CV (%)		16.5	CV (%)		15.6
Mean		54.3	Mean		60.0	Mean		53.7	Mean		43.9

Blacklands HRWW: Ennis, Farmersville, Hillsboro, McGregor, Roxton, and Thrall from 2012, 2013, 2014, 2015, and 2016.

Blacklands SRWW: Ennis, Farmersville, Hillsboro, McGregor, and Roxton from 2014, 2015, and 2016.

South Texas HRWW: College Station, Castroville, and Uvalde from 2010, 2011, 2012, 2014.

South Texas HRSW: San Patricio County, Uvalde, and Wharton from 2015 and 2016.

*Experimental Breeding Line



2016 Uniform Variety Trial: Texas High Plains and Rolling Plains Regional Multi-Year and Location Averages

High Plains Irrigated (14 Site-Years)			High Plains Dryland (13 Site-Years)			Rolling Plains (9 Site-Years)		
Rank	Variety	Average Yield	Rank	Variety	Average Yield	Rank	Variety	Average Yield
-- bu/a --			-- bu/a --			-- bu/a --		
1	TAM 114	87.4	1	TAM 204	38.9	1	Greer	40.7
2	WB Grainfield	84.5	2	Winterhawk	38.9	2	WB 4458	38.2
3	TAM 204	84.2	3	Greer	38.2	3	TAM 114	37.9
4	LCS Mint	83.2	4	T158	37.8	4	Winterhawk	37.9
5	WB 4458	82.2	5	Iba	37.6	5	T158	37.8
6	Greer	82.1	6	TAM 113	37.6	6	WB Cedar	36.6
7	Winterhawk	81.6	7	TAM 114	37.3	7	TAM 401	36.3
8	T158	81.1	8	Duster	37.3	8	Gallagher	35.7
9	Iba	81.1	9	TAM 305	37.2	9	SY Razor	35.5
10	TAM 304	80.9	10	TAM 112	37.1	10	TAM 204	35.4
11	TAM 305	79.8	11	Gallagher	37.0	11	WB Grainfield	35.2
12	TAM 113	79.8	12	TAM 304	36.5	12	LCS Mint	34.6
13	PlainsGold Brawl CL Plus	79.1	13	TAM 111	36.1	13	Jackpot	34.5
14	PlainsGold Denali	78.1	14	WB Cedar	35.9	14	Doublestop CL	33.9
15	TAM 111	77.7	15	TAM 401	34.8	15	TAM 305	33.8
16	WB Cedar	77.3	16	Ruby Lee	34.7	16	TAM 304	33.6
17	PlainsGold Byrd	76.6	17	Endurance	33.8	17	Iba	32.9
18	Duster	76.2	18	TAM W-101	30.2	18	Fannin	31.7
19	TAM 112	75.7				19	TAM 113	31.5
20	LCS Wizard	74.3				20	WB Redhawk	31.4
21	WB Redhawk	74.1				21	Duster	30.5
22	TAM 401	74.0				22	LCS Wizerd	28.5
23	Ruby Lee	71.2				23	TAM 112	27.3
24	Endurance	70.4				24	Ruby Lee	26.1
25	TAM W-101	69.0				25	TAM 111	25.8
						26	TAM W-101	25.2
						27	Weathermaster 135	24.5
LSD (5%)			LSD (5%)			LSD (5%)		
CV (%)			CV (%)			CV (%)		
Mean			Mean			Mean		
2.6			1.7			2.1		
7.8			10.3			11.7		
78.5			36.5			33.1		

High Plains Irrigated: Bushland, Dalhart, Dawson, Clovis, Etter, Perryton, Sunray, Castro County, and Swisher County from 2012, 2014, 2015, and 2016.

High Plains Dryland: Bushland, Clovis, Etter, Groom, Hereford, Lubbock, Perryton, and Silverton, Sunray and Wellington from 2012, 2015, and 2016.

Rolling Plains: Abilene, Brady, Chillicothe, Electra, Hardeman, and Munday and from 2012, 2014, 2015, 2016.

Texas Locations Agronomic Data

Blacklands: 2016

Location¹	Cooperator(s)	Yield Limiting Issues	Planting Date	Fertilizer (Total lb N/A)	Seeding Rate (LB/A)	Pesticide Applied (Date)
Ellis County	Bob Beakley	ABANDONED Flooded out at planting	10/20/15	--	--	None
Hill County	Rodney Schronk	Delayed Planting; Stripe Rust	12/11/15	90	50	Base Camp + Leverage (1/27/16)
Howe	Jack, Alton, and Tyler Norman Farms	Excessive Rain with Prolonged Saturated Soils; Heavy Stripe and Leaf Rust	10/22/15	153	90	None
Lamar County	Ricky Snell	ABANDONED Flooded out at planting	10/21/15	--	--	None
Leonard	Ronnie, Brad, and Lana Lumpkins Farms	Excessive Rain; Prolonged Saturated Soils	11/10/15	153	90	Zidua + Ally XP + Axial XL + Preference (1/15/16)
McGregor	Texas A&M AgriLife Research Farm	Stripe Rust	11/24/15	100	50	Base Camp + Amber (1/27/16)
Muenster	Wayne Becker	Excessive Rain; Vernalization; Stripe Rust DATA NOT SHOWN	12/24/15	118	70	None
Williamson County	Stiles Foundation Research Farm	ABANDONED Delayed Planting; Bird Damage; Hessian Fly; Stripe Rust; Excessive Rainfall	12/11/15	90	50	Base Camp (1/29/16)

¹All locations were planted into conventionally tilled seedbeds and were grown under rain-fed conditions.



2016 Uniform Wheat Variety Trial: HRWW, Blacklands Regional Summary

Rank	Variety	Source	Yield (bu/a)		Test Wt (lb/bu)
			AVG	Hillsboro	
1	Billings	OSU	61.8	68.7	57.8
2	WB Cedar @ 50 lb/a	Monsanto	56.1	62.7	55.6
3	WB Cedar @ 90 lb/a	Monsanto	55.8	58.7	56.6
4	WB 4458	Monsanto	55.2	53.1	57.0
5	Gallagher	OSU	54.9	57.9	58.3
6	TAM 304/305 Blend	TAMU	53.9	57.1	56.2
7	WB 4303 (HV9W10-1002)	Monsanto	53.2	56.9	53.8
8	WB Cedar @ 30 lb/a	Monsanto	53.0	58.0	56.0
9	TAM 305	TAMU	52.8	62.9	56.8
10	SY Southwind	Syngenta	52.6	58.8	54.3
11	CJ	Syngenta	52.4	56.6	55.8
12	TAM 114	TAMU	52.2	62.7	57.3
13	SY Grit (05BC041-10-10)	Syngenta	52.2	59.9	55.7
14	SY Llano	Syngenta	52.1	56.5	58.5
15	Bentley	OSU	51.0	56.8	54.5
16	Greer	Syngenta	50.9	52.5	53.7
17	TAM 304*	TAMU	47.2*	50.5*	53.0
18	TAM 401	TAMU	46.5	32.8	54.6
19	Doans	Syngenta	43.4	38.1	59.0
20	Fannin	Syngenta	42.4	46.1	57.4
21	Iba	OSU	42.3	49.6	56.2
22	Jackpot	Syngenta	42.2	45.0	54.1
23	SY Razor	Syngenta	41.3	22.3	59.9
24	Underwood	Dyna-Gro	40.1	47.4	53.6
25	TAM 204	TAMU	40.0	47.4	51.2
26	Coronado	Syngenta	39.4	46.5	56.2
27	Duster	OSU	39.2	45.0	55.5
28	SY Drifter	Syngenta	38.7	46.0	56.5
29	T158	Limagrain	37.9	45.4	54.3
30	WB 4515 (HV9W10-0458)	Monsanto	34.9	39.4	56.7
31	WB Redhawk	Monsanto	30.1	29.5	52.9
32	LCS Mint	Limagrain	29.5	36.9	54.0
33	LCS Wizard	Limagrain	27.7	29.9	56.6
34	WB Grainfield	Monsanto	27.7	37.1	52.2
35	Doublestop CL	OSU	24.6	22.0	58.3
36	LCS Pistol	Limagrain	23.4	26.2	55.2
37	CPLN 15-14	Croplan	22.2	26.6	51.6
38	Armour	Monsanto	20.2	19.3	50.8
39	TAM W-101	TAMU	20.0	24.4	53.3
40	Long Branch (HRX1652)	Dyna-Gro	14.4	19.1	50.1
LSD			6.2	10.4	7.2
CV			12.9	13.7	11.5
Mean			41.8	45.5	38.2
					55.3

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: HRWW, Hillsboro, TX

Rank	Variety	Source	Yield (bu/a) [†]				Test Wt (lb/bu)	Protein (%)
			4-Year [‡]	3-Year	2-Year	2016		
1	WB Cedar @ 50 lb/a	Monsanto	67.0	65.8	71.2	62.7	56.6	10.9
2	Billings	OSU	65.5	64.8	78.9	68.7	58.7	11.5
3	Gallagher	OSU	64.0	63.5	69.2	57.9	59.0	11.1
4	WB 4458	Monsanto	63.9	64.1	68.8	53.1	57.0	11.2
5	TAM 304	TAMU	63.8	62.0	67.8	50.5*	54.8	11.0
6	Greer	Syngenta	59.6	57.7	63.5	52.5	56.4	11.7
7	TAM 305	TAMU	59.0	56.8	66.5	62.9	58.1	12.5
8	Jackpot	Syngenta	57.8	56.8	61.6	45.0	54.9	10.9
9	Iba	OSU	56.4	55.5	58.6	49.6	58.1	10.8
10	TAM 401	TAMU	54.0	50.5	57.5	32.8	55.5	12.3
11	Fannin	Syngenta	52.6	51.6	55.4	46.1	57.9	11.5
12	Armour	Monsanto	51.6	45.9	44.5	19.3	51.9	10.8
13	Duster	OSU	49.7	46.3	49.6	45.0	57.6	11.6
14	Coronado	Syngenta	47.6	47.0	57.0	46.5	56.6	11.6
15	Doans	Syngenta	46.3	47.1	54.7	38.1	58.6	12.7
16	TAM 204	TAMU		63.8	69.5	47.4	53.8	12.5
17	TAM 114	TAMU		63.1	70.2	62.7	58.8	10.7
18	WB Redhawk	Monsanto		48.8	50.6	29.5	52.2	11.2
19	CJ	Syngenta				68.2	56.6	57.2
20	SY Grit (05BC041-10-10)	Syngenta				59.9	57.1	10.6
21	SY Southwind	Syngenta				58.8	56.4	10.4
22	WB Cedar @ 90 lb/a	Monsanto				58.7	56.7	11.2
23	WB Cedar @ 30 lb/a	Monsanto				58.0	56.8	10.7
24	TAM 304/305 Blend	TAMU				57.1	56.8	11.6
25	WB 4303 (HV9W10-1002)	Monsanto				56.9	56.1	11.1
26	Bentley	OSU				56.8	56.3	10.8
27	SY Llano	Syngenta				56.5	59.3	11.5
28	Underwood	Dyna-Gro				47.4	55.5	11.4
29	SY Drifter	Syngenta				46.0	57.7	12.0
30	T158	Limagrain				45.4	55.8	11.0
31	WB 4515 (HV9W10-0458)	Monsanto				39.4	58.9	12.6
32	WB Grainfield	Monsanto				37.1	56.3	11.8
33	LCS Mint	Limagrain				36.9	56.4	10.7
34	LCS Wizard	Limagrain				29.9	57.7	12.1
35	CPLN 15-14	Croplan				26.6	53.7	12.9
36	LCS Pistol	Limagrain				26.2	56.5	12.0
37	TAM W-101	TAMU				24.4	56.1	12.0
38	SY Razor	Syngenta				22.3	59.7	13.3
39	Doublestop CL	OSU				22.0	59.2	13.0
40	Long Branch (HRX1652)	Dyna-Gro				19.1	51.6	12.9
LSD			4.6	5.9	6.3	10.4	1.5	0.6
CV			11.1	12.4	9.5	13.7	1.5	3.2
Mean			57.2	56.1	62.1	45.5	56.6	11.6

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2016 yield averages.

[‡]4-year average based on 2013, 2014, 2015 and 2016.

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: HRWW, McGregor, TX

Rank	Variety	Source	Yield (bu/a) [†]			Test Wt (lb/bu)	
			4-Year [‡]	3-Year	2-Year	2016	2016
1	Billings	OSU	59.2	51.1	50.4	54.9	56.8
2	CJ	Syngenta	53.5	49.0	50.7	48.1	54.3
3	Greer	Syngenta	51.9	48.1	52.3	49.2	50.9
4	TAM 401	TAMU	48.3	45.2	52.1	55.7	54.0
5	Doans	Syngenta	48.1	46.0	48.0	48.6	59.4
6	TAM 304	TAMU	47.7	42.9	44.2	43.9*	51.2
7	Duster	OSU	46.5	42.0	43.0	33.3	53.3
8	TAM 305	TAMU	45.4	40.5	42.6	42.8	55.5
9	Jackpot	Syngenta	43.7	39.2	45.8	39.3	53.2
10	Armour	Monsanto	42.6	33.9	33.5	21.1	49.7
11	Fannin	Syngenta	42.4	37.6	36.5	38.7	57.0
12	Coronado	Syngenta	38.8	36.2	39.8	28.9	55.7
13	TAM W-101	TAMU	25.1	24.0	26.9	15.5	50.6
14	WB Cedar @ 50 lb/a	Monsanto		53.6	51.4	49.5	54.6
15	Gallagher	OSU		50.2	50.6	51.9	57.5
16	Iba	OSU		45.3	44.2	35.1	54.2
17	TAM 114	TAMU		45.3	48.0	41.7	55.8
18	SY Razor	Syngenta		41.8	43.1	54.0	60.0
19	TAM 204	TAMU		41.3	42.2	35.0	49.5
20	WB 4458	Monsanto			53.6	57.3	56.9
21	WB Redhawk	Monsanto			40.1	30.7	53.7
22	WB Cedar @ 90 lb/a	Monsanto				52.9	56.4
23	TAM 304/305 Blend	TAMU				50.6	55.6
24	WB 4303 (HV9W10-1002)	Monsanto				49.4	51.4
25	WB Cedar @ 30 lb/a	Monsanto				47.9	55.2
26	SY Llano	Syngenta				47.8	57.7
27	SY Southwind	Syngenta				46.4	52.3
28	Bentley	OSU				45.2	52.7
29	SY Grit (05BC041-10-10)	Syngenta				44.4	54.3
30	Underwood	Dyna-Gro				32.9	51.8
31	SY Drifter	Syngenta				31.4	55.3
32	WB 4515 (HV9W10-0458)	Monsanto				30.3	54.6
33	T158	Limagrain				30.3	52.7
34	Doublestop CL	OSU				27.3	57.4
35	LCS Wizard	Limagrain				25.5	55.5
36	LCS Mint	Limagrain				22.1	51.6
37	WB Grainfield	Monsanto				21.5	49.5
38	LCS Pistol	Limagrain				20.5	53.9
39	CPLN 15-14	Croplan				17.7	49.5
40	Long Branch (HRX1652)	Dyna-Gro				9.7	48.6
LSD			3.6	4.2	5.2	7.2	1.9
CV			9.7	10.5	10.1	11.5	2.2
Mean			45.6	42.8	44.7	38.2	54.0

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2016 yield averages.

[‡]4-year average based on 2010, 2012, 2014 and 2016.

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: SRWW, Blacklands Regional Summary

Rank	Variety	Source	Yield (bu/a)		Test Wt (lb/bu)
			AVG	Hillsboro	
1	USG 3895	UniSouth Genetics	68.2	68.1	68.4
2	TX-EL2*	TAMU	64.1	70.4	59.9
3	AGS 2024	AgSouth Genetics	59.8	58.1	61.0
4	LA08115C-30*	LSU	59.8	73.0	50.9
5	AGS 2033 (GA03564-12E6)	Univ. Georgia	58.8	64.1	55.2
6	Coker 9553	Syngenta	58.6	64.8	54.4
7	LA09011UB-2*	LSU	58.4	59.8	57.5
8	AGS 2055 (ARGA11LE24)	AgSouth Genetics	57.0	62.3	53.4
9	LA03200E-2*	LSU	56.7	58.8	55.4
10	AGS 2040	AgSouth Genetics	55.4	60.7	52.0
11	AGS 2038	AgSouth Genetics	55.0	49.8	58.4
12	AGS 3000 (LA06146E-P4)	AgSouth Genetics	53.8	61.9	48.4
13	GA051102-13LE43*	Univ. Georgia	52.8	51.4	53.8
14	LA08090C-9-2*	LSU	52.5	55.5	50.5
15	SY 007	Syngenta	51.4	59.1	46.3
16	LA 754	Terral	50.0	49.8	50.1
17	SY Cypress	Syngenta	49.7	59.3	43.3
18	GA061349-13LE29*	Univ. Georgia	49.4	48.4	50.0
19	SY Viper	Syngenta	48.4	49.8	47.5
20	Oakes	Syngenta	47.9	56.4	42.3
21	AgriMAXX 446	AgriMAXX	46.0	40.3	49.8
22	USG 3201	UniSouth Genetics	45.0	48.2	42.8
23	TV 8848	Terral	44.3	42.6	45.4
24	GW 2058	Go-Wheat	44.1	52.6	38.5
25	AR01040-4-1*	Univ. Arkansas	43.6	39.9	46.1
26	TX12D4768*	TAMU	43.3	37.5	47.2
27	Dyna-Gro 9012	Dyna-Gro Seeds	42.4	43.1	42.0
28	GA061349-13LE31*	Univ. Georgia	42.4	42.9	42.1
29	GA04434-12LE28*	Univ. Georgia	41.2	52.2	33.9
30	SY Harrison	Syngenta	41.1	45.4	38.2
31	P25R40	Pioneer	38.1	38.0	38.3
32	Dyna-Gro 9591	Dyna-Gro Seeds	37.3	38.5	36.5
33	Dyna-Gro 9522	Dyna-Gro Seeds	35.9	32.1	38.4
34	GW 2056	Go-Wheat	35.0	30.0	38.3
35	P25R50	Pioneer	33.1	33.2	33.0
36	USG 3404	UniSouth Genetics	32.9	26.6	37.0
37	AgriMAXX 444	AgriMAXX	29.4	25.5	32.1
38	USG 3013	UniSouth Genetics	28.9	21.7	33.7
39	Dyna-Gro 9642	Dyna-Gro Seeds	27.9	27.3	28.3
40	AGS 2035	AgSouth Genetics	26.0	25.3	26.6
LSD			6.8	13.7	7.5
CV			11.6	14	10.1
Mean			46.6	48.1	45.7
					56.3

*Experimental breeding line



2016 Uniform Wheat Variety Trial: SRWW, Hillsboro, TX

Rank	Variety	Source	Yield (bu/a) [†]			Test Wt (lb/bu)
			3-Year [‡]	2-Year	2016	
1	USG 3201	UniSouth Genetics	60.2	63.0	48.2	56.0
2	Coker 9553	Syngenta	58.2	62.2	64.8	57.2
3	P25R40	Pioneer	57.7	54.8	38.0	57.0
4	AGS 2038	AgSouth Genetics	57.0	60.1	49.8	58.3
5	TV 8848	Terral	55.6	57.4	42.6	53.3
6	Oakes	Syngenta	55.4	57.9	56.4	58.3
7	LA 754	Terral	48.4	48.5	49.8	56.8
8	AGS 2035	AgSouth Genetics	48.1	45.8	25.3	55.6
9	AGS 2055 (ARGA11LE24)	AgSouth Genetics		66.3	62.3	57.3
10	Dyna-Gro 9012	Dyna-Gro Seeds		64.0	43.1	57.6
11	SY Harrison	Syngenta		57.1	45.4	55.4
12	AGS 2040	AgSouth Genetics		56.5	60.7	58.0
13	AR01040-4-1*	Univ. Arkansas		52.9	39.9	54.4
14	USG 3404	UniSouth Genetics		51.0	26.6	53.5
15	AGS 3000 (LA06146E-P4)	AgSouth Genetics		48.0	61.9	58.7
16	LA08115C-30*	LSU			73.0	57.8
17	TX-EL2*	TAMU			70.4	55.8
18	USG 3895	UniSouth Genetics			68.1	55.2
19	AGS 2033 (GA03564-12E6)	Univ. Georgia			64.1	56.5
20	LA09011UB-2*	LSU			59.8	56.7
21	SY Cypress	Syngenta			59.3	58.0
22	SY 007	Syngenta			59.1	55.5
23	LA03200E-2*	LSU			58.8	58.5
24	AGS 2024	AgSouth Genetics			58.1	58.4
25	LA08090C-9-2*	LSU			55.5	57.9
26	GW 2058	Go-Wheat			52.6	55.5
27	GA04434-12LE28*	Univ. Georgia			52.2	57.5
28	GA051102-13LE43*	Univ. Georgia			51.4	57.7
29	SY Viper	Syngenta			49.8	58.0
30	GA061349-13LE29*	Univ. Georgia			48.4	58.0
31	GA061349-13LE31*	Univ. Georgia			42.9	57.4
32	AgriMAXX 446	AgriMAXX			40.3	54.0
33	Dyna-Gro 9591	Dyna-Gro Seeds			38.5	56.2
34	TX12D4768*	TAMU			37.5	58.4
35	P25R50	Pioneer			33.2	55.9
36	Dyna-Gro 9522	Dyna-Gro Seeds			32.1	55.7
37	GW 2056	Go-Wheat			30.0	51.2
38	Dyna-Gro 9642	Dyna-Gro Seeds			27.3	46.2
39	AgriMAXX 444	AgriMAXX			25.5	56.6
40	USG 3013	UniSouth Genetics			21.7	52.7
LSD			5.5	7.5	13.7	2.9
CV			9.9	10.5	14.0	2.6
Mean			55.1	56.4	48.1	56.2

*Experimental breeding line

†Varieties ranked according to 3-year, 2-year, then 2016 yield averages.

‡3-year average based on 2011, 2014 and 2016.



2016 Uniform Wheat Variety Trial: SRWW, Leonard, TX

Rank	Variety	Source	Yield (bu/a) [†]		Test Wt (lb/bu)
			2-Year [‡]	2016	
1	Coker 9553	Syngenta	68.9	85.9	60.6
2	Dyna-Gro 9522	Dyna-Gro Seeds	65.0	89.7	60.8
3	USG 3201	Uni-South Genetics	64.6	85.2	60.2
4	LA 754	Terral	61.7	67.5	58.5
5	USG 3555	Uni-South Genetics	60.8	81.6	57.5
6	Dyna-Gro 9171	Dyna-Gro Seeds	60.7	85.9	57.1
7	USG 3404	Uni-South Genetics	57.1	82.8	58.0
8	Oakes	Syngenta	56.6	69.4	60.4
9	SY Harrison	Syngenta	54.8	81.3	57.5
10	TV8848	Terral	53.2	79.3	57.4
11	P25R50	Pioneer	49.5	65.3	59.2
12	P25R40	Pioneer	48.8	61.1	59.3
13	USG 3120	Uni-South Genetics	48.0	44.6	59.3
14	TV8861	Terral	47.6	72.6	58.2
15	USG 3209	Uni-South Genetics	44.5	51.5	57.3
16	SY Vipor	Syngenta		90.9	59.7
17	USG 3895	Uni-South Genetics		90.9	59.3
18	USG 3536	Uni-South Genetics		89.1	58.7
19	TX-EL2*	TAMU		85.6	58.3
20	P25R30	Pioneer		84.7	60.2
21	AGS 2055 (ARGA11LE24)	AgSouth Genetics		78.5	57.5
22	USG 3523	Uni-South Genetics		73.0	56.7
23	USG 3013	Uni-South Genetics		71.7	56.5
24	TX12D4768*	TAMU		60.8	60.4
25	USG 3197	Uni-South Genetics		21.4	54.9
LSD			4.5	6.8	1.1
CV			9.8	8.1	1.6
Mean			56.1	74	58.5

*Experimental breeding line

[†]Varieties ranked according to 2-year, then 2016 yield averages.

[‡]2-year average based on 2015 and 2016.



2016 Uniform Wheat Variety Trial: SRWW, McGregor, TX

Rank	Variety	Source	Yield (bu/a) [†]			Test Wt (lb/bu)
			3-Year [‡]	2-Year	2016	
1	Coker 9553	Syngenta	56.2	52.5	54.4	58.7
2	AGS 2038	AgSouth Genetics	54.9	51.9	58.4	57.9
3	P25R40	Pioneer	49.6	42.2	38.3	56.0
4	TV 8848	Terral	48.4	46.3	45.4	54.2
5	LA 754	Terral	45.6	43.9	50.1	56.9
6	SY Harrison	Syngenta	45.5	40.6	38.2	53.7
7	Oakes	Syngenta	44.2	41.2	42.3	57.9
8	AGS 2035	AgSouth Genetics	40.7	34.4	26.6	56.0
9	AGS 2055 (ARGA11LE24)	AgSouth Genetics		58.9	53.4	56.3
10	AR01040-4-1*	Univ. Arkansas		50.7	46.1	55.3
11	AGS 2040	AgSouth Genetics		44.3	52.0	58.7
12	Dyna-Gro 9012	Dyna-Gro Seeds		44.3	42.0	55.7
13	USG 3201	UniSouth Genetics		44.0	42.8	55.1
14	USG 3404	UniSouth Genetics		41.4	37.0	54.4
15	AGS 3000 (LA06146E-P4)	AgSouth Genetics		40.0	48.4	58.6
16	USG 3895	UniSouth Genetics			68.4	55.3
17	AGS 2024	AgSouth Genetics			61.0	57.7
18	TX-EL2*	TAMU			59.9	56.8
19	LA09011UB-2*	LSU			57.5	58.3
20	LA03200E-2*	LSU			55.4	59.4
21	AGS 2033 (GA03564-12E6)	Univ. Georgia			55.2	58.4
22	GA051102-13LE43*	Univ. Georgia			53.8	58.4
23	LA08115C-30*	LSU			50.9	57.5
24	LA08090C-9-2*	LSU			50.5	58.3
25	GA061349-13LE29*	Univ. Georgia			50.0	57.3
26	AgriMAXX 446	AgriMAXX			49.8	55.9
27	SY Viper	Syngenta			47.5	57.1
28	TX12D4768*	TAMU			47.2	59.3
29	SY 007	Syngenta			46.3	55.8
30	SY Cypress	Syngenta			43.3	57.9
31	GA061349-13LE31*	Univ. Georgia			42.1	58.1
32	GW 2058	Go-Wheat			38.5	54.9
33	Dyna-Gro 9522	Dyna-Gro Seeds			38.4	54.5
34	GW 2056	Go-Wheat			38.3	53.0
35	Dyna-Gro 9591	Dyna-Gro Seeds			36.5	57.1
36	GA04434-12LE28*	Univ. Georgia			33.9	54.8
37	USG 3013	UniSouth Genetics			33.7	53.2
38	P25R50	Pioneer			33.0	54.8
39	AgriMAXX 444	AgriMAXX			32.1	54.0
40	Dyna-Gro 9642	Dyna-Gro Seeds			28.3	51.5
LSD			3.4	3.9	7.5	--
CV			7.5	7.5	10.1	--
Mean			48.1	45.3	45.7	56.4

*Experimental breeding line

[†]Varieties ranked according to 3-year, 2-year, then 2016 yield averages.

[‡]3-year average based on 2012, 2014 and 2016.



2016 Uniform Wheat Variety Trial: HRWW vs SRWW, Blacklands Regional Summary

Rank	Variety	Class	Avg	Yield (bu/a)		Test Wt (lb/bu)
			Howe	Leonard	2016	
1	Dyna-Gro 9012	SRWW	73.1	58.7	87.5	57.9
2	USG 3201	SRWW	72.6	58.4	86.7	58.1
3	Coker 9553	SRWW	71.3	63.2	79.3	59.5
4	P25R30	SRWW	70.6	59.7	81.4	57.8
5	Dyna-Gro 9171	SRWW	67.0	52.5	81.4	54.9
6	WB 4458	HRWW	61.9	50.6	73.3	59.1
7	TV 8861	SRWW	60.3	49.2	71.5	56.0
8	WB Cedar	HRWW	59.7	50.2	69.2	57.9
9	LA 754	SRWW	58.9	50.7	67.1	57.7
10	Gallagher	HRWW	52.9	50.4	55.5	58.0
11	P25R40	SRWW	51.8	42.2	61.3	57.6
12	TAM 305	HRWW	51.2	38.0	64.5	56.7
13	Greer	HRWW	50.1	30.7	69.6	53.8
14	TAM 114	HRWW	46.5	37.4	55.6	56.4
15	Iba	HRWW	41.7	34.8	48.7	57.8
16	USG 3120	SRWW	37.3	27.9	46.7	57.4
17	Armour	HRWW	11.9	10.3	13.5	52.5
LSD			4.1	6.1	5.7	0.8
CV			9.3	11.7	7.6	1.6
Mean			55.2	45.0	65.5	57.1



2016 Uniform Wheat Variety Trial: HRWW vs SRWW, Howe, TX

Rank	Variety	Class	Yield (bu/a) [†]			Test Wt (lb/bu)	2016
			4-Year [‡]	3-Year	2-Year		
1	Coker 9553	SRWW	64.3	60.9	53.3	63.2	59.8
2	Gallagher	HRWW	60.2	55.1	44.5	50.4	58.4
3	USG 3120	SRWW	60.0	51.5	34.6	27.9	57.6
4	P25R40	SRWW	58.5	55.5	38.6	42.2	57.1
5	WB Cedar	HRWW	56.8	51.6	42.4	50.2	57.8
6	TV 8861	SRWW	55.1	53.6	37.3	49.2	55.3
7	TAM 305	HRWW	53.0	45.5	34.3	38.0	56.4
8	Iba	HRWW		50.2	35.5	34.8	58.0
9	USG 3201	SRWW			45.4	58.4	57.0
10	Greer	HRWW			26.2	30.7	53.1
11	TAM 114	HRWW			24.2	37.4	55.9
12	P25R30	SRWW				59.7	57.3
13	Dyna-Gro 9012	SRWW				58.7	56.6
14	Dyna-Gro 9171	SRWW				52.5	53.8
15	LA 754	SRWW				50.7	58.3
16	WB 4458	HRWW				50.6	59.1
17	Armour	HRWW				10.3	--
LSD			3.3	3.6	4.5	6.1	1.0
CV			9.7	10.4	14.7	11.7	1.5
Mean			58.3	53.0	37.9	45.0	57.0

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2016 yield averages.

[‡]4-year average based on 2013, 2014, 2015 and 2016.



2016 Uniform Wheat Variety Trial: HRWW vs SRWW, Leonard, TX

Rank	Variety	Class	Yield (bu/a) [†]		Test Wt (lb/bu)
			2-Year [‡]	2016	
1	USG 3201	SRWW	66.0	86.7	59.1
2	Coker 9553	SRWW	62.1	79.3	59.2
3	WB Cedar	HRWW	56.0	69.2	58.0
4	Greer	HRWW	51.0	69.6	54.5
5	P25R40	SRWW	50.1	61.3	58.1
6	USG 3120	SRWW	48.8	46.7	57.3
7	TV 8861	SRWW	48.7	71.5	56.7
8	TAM 305	HRWW	47.8	64.5	57.0
9	Gallagher	HRWW	44.7	55.5	57.7
10	Iba	HRWW	41.5	48.7	57.7
11	TAM 114	HRWW	35.2	55.6	56.8
12	Dyna-Gro 9012	SRWW		87.5	59.1
13	P25R30	SRWW		81.4	58.3
14	Dyna-Gro 9171	SRWW		81.4	56.0
15	WB 4458	HRWW		73.3	59.1
16	LA 754	SRWW		67.1	57.1
17	Armour	HRWW		13.5	52.5
LSD			4.1	5.7	1.1
CV			10.1	7.6	1.6
Mean			50.2	65.5	57.3

[†]Varieties ranked according to 2-year, then 2016 yield averages.

[‡]2-year average based on 2015 and 2016.

Texas Locations Agronomic Data

High Plains: 2016

Location¹	Cooperator(s)	Yield Limiting Issues²	Planting Date	Water*	Seeding Rate
Bushland Dryland	Texas A&M AgriLife Research and Extension Center	None	10/13/15	D	55 lb/a
Bushland Irrigated	Texas A&M AgriLife Research and Extension Center	Foliar Diseases	10/19/15	IF	75 lb/a
Claude	Troy Skarke	ABANDONED Hail damage.	10/20/15	D	55 lb/a
Dawson County	Blaine Middleton	None	11/13/15	IL	1.1 million seed/a
Dumas	Reznik Farms	Hail at boot stage; Foliar Diseases	11/4/15	IF	75 lb/a
Groom	John Weinheimer	ABANDONED Hail damage.	10/20/15	D	55 lb/a
Hereford	Chris Grotegut	None	11/23/15	D	55 lb/a
Lubbock County	Alan West	Drought	12/3/15	D	0.8 million seed/a
Silverton	Perry Brunson	Hog damage to all awnless	11/3/15	D	55 lb/a
Stratford	Bill Reed & Sons	Foliar Diseases	11/6/15	IF	75 lb/a
Swisher County	Brad Martin	None	10/15/15	IL	1.1 million seed/a
Wellington	Mark Fourmentin	None	11/5/15	D	55 lb/a

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

¹All locations conventionally tilled.

²Bushland Irrigated, Dumas, and Stratford all had foliar fungicides applied to studies to control diseases.

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2016 Uniform Wheat Variety Trial: HRWW, High Plains Dryland Regional Summary

Rank	Variety	Source	AVG	Yield (bu/a)					Test Wt (lb/bu)	
				Bushland	Clovis	Hereford	Lubbock	Silverton		
1	Bentley	OSU	40.1	68.9	23.4	44.3	27.3	34.3	46.8	57.1
2	LCS Mint	Limagrain	39.0	61.1	23.6	51.2	22.4	30.8	50.7	59.3
3	PlainsGold Denali	PlainsGold	39.0	57.4	25.9	47.8	22.2	40.0	46.6	58.7
4	Long Branch	Dyna-Gro	38.6	52.7	26.0	46.3	22.9	48.0	41.3	56.9
5	WB 4721 (HV9W10-0129)	Monsanto	38.2	55.6	24.5	45.6	20.7	47.0	41.5	59.6
6	PlainsGold Avery	PlainsGold	38.1	59.7	26.8	52.2	22.5	28.1	44.5	58.1
7	Greer	Syngenta	38.0	55.9	24.2	42.6	22.7	36.0	51.5	56.4
8	TAM 113	TAMU	37.5	58.5	26.2	44.6	19.2	41.8	40.9	58.5
9	WB 4458	Monsanto	37.3	59.1	22.0	45.2	25.7	34.9	40.9	57.6
10	SY Southwind	Syngenta	37.1	56.2	22.4	42.7	24.6	36.0	44.9	58.0
11	KanMark	KSU	36.9	59.7	24.0	42.8	22.4	36.4	41.0	58.9
12	WB Grainfield	Monsanto	36.8	55.9	25.6	44.2	19.8	33.9	47.0	57.5
13	SY Monument	Syngenta	36.7	49.8	20.6	45.9	24.2	36.2	48.0	57.7
14	SY Grit	Syngenta	36.7	46.8	23.7	47.7	27.6	31.4	46.0	57.6
15	TAM 112	TAMU	36.6	58.6	25.6	49.7	27.2	18.8	42.8	58.8
16	Doublestop CL	OSU	36.5	57.0	19.3	45.9	24.9	35.2	40.1	59.5
17	T158	Limagrain	36.3	51.4	20.1	46.8	20.6	40.5	43.7	59.3
18	TAM 114	TAMU	36.2	45.0	16.5	46.0	19.9	44.3	50.8	59.7
19	PlainsGold Byrd	PlainsGold	36.1	50.3	24.9	48.6	23.2	28.9	44.7	58.1
20	Winterhawk	Monsanto	35.7	52.2	24.5	45.7	20.3	34.2	42.5	59.3
21	LCS Wizard	Limagrain	35.1	55.7	18.9	43.6	24.0	30.1	41.9	58.7
22	TAM 305	TAMU	34.8	46.0	21.6	40.2	22.9	35.6	46.6	58.3
23	Iba	OSU	34.8	46.2	20.2	44.0	24.8	36.2	40.8	59.7
24	Duster	OSU	34.7	48.7	20.7	41.4	24.3	36.1	40.2	58.3
25	TAM 204	TAMU	34.6	52.6	20.9	40.1	18.8	33.4	47.0	55.8
26	TAM 111	TAMU	34.5	52.2	21.6	47.1	19.5	29.7	42.2	59.1
27	Underwood	Dyna-Gro	34.4	47.4	24.4	42.5	23.7	30.7	41.5	57.8
28	SY Llano	Syngenta	34.3	46.1	21.7	42.2	24.2	34.4	40.8	60.4
29	CPLN 15-14	Croplan	34.2	51.9	22.0	40.7	21.1	37.3	36.6	56.5
30	Gallagher	Monsanto	34.1	41.4	22.4	42.5	24.2	36.5	40.9	57.5
31	SY Drifter	Syngenta	33.9	44.7	21.0	42.2	22.0	36.7	41.0	58.9
32	PlainsGold Brawl CL Plus	PlainsGold	33.8	46.7	21.9	42.4*	23.6*	30.5*	41.0*	55.4
33	TAM 304	TAMU	33.8	41.6	23.7	47.1	24.1	27.6	41.8	58.5
34	WB Redhawk	Monsanto	32.3	47.4	18.0	50.2	21.7	17.9	42.1	57.1
35	Weathermaster 135	Unknown	31.4	40.0	24.0	43.0	18.4	29.8	37.7	56.3
36	Endurance	OSU	31.1	49.2	19.5	40.2	17.8	26.4	37.8	58.2
37	TAM 401	TAMU	31.0	40.5	20.0	38.3	22.2	30.8	37.3	56.2
38	WB Cedar	Monsanto	30.5	33.8	19.0	41.9	20.9	32.3	38.1	57.8
39	Ruby Lee	OSU	30.0	41.4	19.9	42.0	21.5	20.7	37.7	58.6
40	TAM W-101	TAMU	27.7	29.4	19.0	38.3	20.6	26.6	35.0	57.5
LSD			2.5	11.3	5.1	3.2	3.8	6.1	5.0	0.9
CV			11.1	13.7	14.2	4.4	12.0	11.2	7.2	2.0
Mean			35.2	50.5	22.3	44.1	22.5	33.4	42.6	58.1

*Due to poor seed source in 2016, some TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: HRWW, Bushland, TX (Dryland)

Rank	Variety	Source	Yield (bu/a) [†]		Test Wt (lb/bu)	
			3-Year [‡]	2-Year	2016	2016
1	TAM 112	TAMU	31.6	39.1	58.6	60.8
2	TAM 113	TAMU	29.8	37.9	58.5	61.0
3	Winterhawk	Monsanto	29.2	36.3	52.2	60.3
4	TAM 111	TAMU	28.7	35.6	52.2	60.5
5	Endurance	OSU	27.3	34.0	49.2	59.9
6	Greer	Syngenta	27.2	35.4	55.9	56.4
7	Iba	OSU	26.9	32.4	46.2	61.0
8	Duster	OSU	26.8	33.2	48.7	59.7
9	TAM 304	TAMU	26.0	32.3	46.7	58.0
10	TAM 305	TAMU	24.9	31.5	46.0	59.0
11	Gallagher	Monsanto	24.2	29.9	41.4	59.4
12	TAM 401	TAMU	22.4	28.5	40.5	58.0
13	WB Cedar	Monsanto	22.4	26.5	33.8	57.9
14	TAM W-101	TAMU	19.6	21.9	29.4	57.9
15	TAM 204	TAMU		35.3	52.6	59.9
16	T158	Limagrain		34.3	51.4	59.1
17	Ruby Lee	OSU		31.1	41.4	59.9
18	TAM 114	TAMU		29.9	45.0	60.1
19	Bentley	OSU			68.9	58.0
20	LCS Mint	Limagrain			61.1	60.0
21	PlainsGold Avery	PlainsGold			59.7	59.5
22	KanMark	KSU			59.7	61.9
23	WB 4458	Monsanto			59.1	58.9
24	PlainsGold Denali	PlainsGold			57.4	60.8
25	Doublestop CL	OSU			57.0	61.0
26	SY Southwind	Syngenta			56.2	59.6
27	WB Grainfield	Monsanto			55.9	59.0
28	LCS Wizard	Limagrain			55.7	59.5
29	WB 4721 (HV9W10-0129)	Monsanto			55.6	60.4
30	Long Branch	Dyna-Gro			52.7	58.8
31	CPLN 15-14	Croplan			51.9	58.6
32	PlainsGold Byrd	PlainsGold			50.3	60.9
33	SY Monument	Syngenta			49.8	59.6
34	WB Redhawk	Monsanto			47.4	58.9
35	Underwood	Dyna-Gro			47.4	58.0
36	SY Grit	Syngenta			46.8	59.2
37	SY Llano	Syngenta			46.1	60.0
38	SY Drifter	Syngenta			44.7	59.7
39	PlainsGold Brawl CL Plus	PlainsGold			41.6	60.4
40	Weathermaster 135	Unknown			40.0	60.0
LSD			4.0	5.5	11.4	--
CV			16.1	14.6	13.9	--
Mean			26.2	32.5	50.4	59.5

[†]Varieties ranked according to 3-year, 2-year, then 2016 yield averages.

[‡]3-year average based on 2011, 2012 and 2016.



2016 Uniform Wheat Variety Trial: HRWW, Clovis, NM (Dryland)

Rank	Variety	Source	Yield (bu/a) [†]		Test Wt (lb/bu)
			2-Year [‡]	2016	
1	TAM 113	TAMU	23.5	26.2	58.4
2	TAM 112	TAMU	23.4	25.6	60.9
3	Winterhawk	Monsanto	20.1	24.5	60.3
4	TAM 111	TAMU	19.6	21.6	61.6
5	Iba	OSU	19.4	20.2	62.5
6	Duster	OSU	18.8	20.7	58.9
7	Greer	Syngenta	18.7	24.2	58.8
8	Gallagher	Monsanto	17.6	22.4	57.2
9	Endurance	OSU	17.5	19.5	61.9
10	TAM 305	TAMU	17.4	21.6	59.2
11	TAM W-101	TAMU	17.3	19.0	55.8
12	TAM 304	TAMU	16.2	21.9	57.9
13	TAM 401	TAMU	16.0	20.0	56.9
14	WB Cedar	Monsanto	15.5	19.0	59.2
15	PlainsGold Avery	PlainsGold		26.8	62.0
16	Long Branch	Dyna-Gro		26.0	59.8
17	PlainsGold Denali	PlainsGold		25.9	60.9
18	WB Grainfield	Monsanto		25.6	61.6
19	PlainsGold Byrd	PlainsGold		24.9	61.5
20	WB 4721 (HV9W10-0129)	Monsanto		24.5	62.1
21	Underwood	Dyna-Gro		24.4	59.3
22	Weathermaster 135	Unknown		24.0	53.1
23	KanMark	KSU		24.0	62.2
24	PlainsGold Brawl CL Plus	PlainsGold		23.7	57.4
25	SY Grit	Syngenta		23.7	60.0
26	LCS Mint	Limagrain		23.6	60.6
27	Bentley	OSU		23.4	59.5
28	SY Southwind	Syngenta		22.4	59.9
29	WB 4458	Monsanto		22.0	56.6
30	CPLN 15-14	Croplan		22.0	61.5
31	SY Llano	Syngenta		21.7	61.8
32	SY Drifter	Syngenta		21.0	59.8
33	TAM 204	TAMU		20.9	58.2
34	SY Monument	Syngenta		20.6	59.1
35	T158	Limagrain		20.1	62.2
36	Ruby Lee	OSU		19.9	59.6
37	Doublestop CL	OSU		19.3	61.1
38	LCS Wizard	Limagrain		18.9	60.7
39	WB Redhawk	Monsanto		18.0	57.3
40	TAM 114	TAMU		16.5	61.2
LSD			3.1	5.1	3.0
CV			14.5	14.2	3.1
Mean			18.7	22.3	59.7

[†]Varieties ranked according to 2-year, then 2016 yield averages.

[‡]2-year average based on 2011 and 2016.



2016 Uniform Wheat Variety Trial: HRWW, Hereford, TX (Dryland)

Rank	Variety	Source	Yield (bu/a) [†]			Test Wt (lb/bu)
			3-Year [‡]	2-Year	2016	
1	Duster	OSU	37.1	46.5	41.4	59.7
2	WB Cedar	Monsanto	36.7	48.0	41.9	58.9
3	TAM 305	TAMU	35.7	45.8	40.2	60.8
4	Iba	OSU	35.6	46.0	44.0	60.6
5	Winterhawk	Monsanto	35.4	45.3	45.7	60.9
6	TAM 304	TAMU	34.7	44.6	42.4*	55.8
7	TAM 401	TAMU	34.6	45.0	38.3	56.2
8	TAM 113	TAMU	34.6	42.9	44.6	60.3
9	TAM 112	TAMU	34.4	42.4	49.7	60.9
10	Greer	Syngenta	34.4	44.2	42.6	57.7
11	Gallagher	Monsanto	34.3	43.2	42.5	58.9
12	TAM 111	TAMU	32.6	41.4	47.1	60.2
13	Endurance	OSU	31.9	39.5	40.2	59.6
14	TAM W-101	TAMU	29.0	36.2	38.3	60.5
15	WB 4458	Monsanto		48.8	45.2	60.0
16	SY Monument	Syngenta		48.5	45.9	59.1
17	WB Grainfield	Monsanto		48.5	44.2	57.9
18	Bentley	OSU		48.3	44.3	58.1
19	SY Llano	Syngenta		48.2	42.2	61.2
20	TAM 204	TAMU		47.3	40.1	53.5
21	LCS Mint	Limagrain		46.4	51.2	60.4
22	SY Grit	Syngenta		46.0	47.7	58.3
23	TAM 114	TAMU		45.9	46.0	60.8
24	WB Redhawk	Monsanto		45.6	50.2	60.1
25	Doublestop CL	OSU		45.6	45.9	60.7
26	T158	Limagrain		45.5	46.8	60.8
27	LCS Wizard	Limagrain		44.1	43.6	60.3
28	PlainsGold Brawl CL Plus	PlainsGold		43.7	47.1	61.2
29	PlainsGold Byrd	PlainsGold		43.3	48.6	59.5
30	KanMark	KSU		43.3	42.8	59.2
31	Ruby Lee	OSU		43.2	42.0	60.6
32	PlainsGold Denali	PlainsGold		42.8	47.8	59.7
33	SY Drifter	Syngenta		37.3	42.2	60.4
34	PlainsGold Avery	PlainsGold			52.2	59.3
35	Long Branch	Dyna-Gro			46.3	57.0
36	WB 4721 (HV9W10-0129)	Monsanto			45.6	61.1
37	Weathermaster 135	Unknown			43.0	58.4
38	SY Southwind	Syngenta			42.7	58.7
39	Underwood	Dyna-Gro			42.5	59.8
40	CPLN 15-14	Croplan			40.7	55.6
LSD			2.8	4.9	3.2	1.4
CV			8.8	9.6	4.4	1.5
Mean			34.1	44.5	44.1	59.3

[†]Varieties ranked according to 3-year, 2-year, then 2016 yield averages.

[‡]3-year average based on 2011, 2015 and 2016.

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: HRWW, Lubbock, TX (Dryland)

Rank	Variety	Source	Yield	Test Wt
			(bu/a)	(lb/bu)
2016	2016			
1	SY Grit	Syngenta	27.6	55.4
2	Bentley	OSU	27.3	54.5
3	TAM 112	TAMU	27.2	56.2
4	WB 4458	Monsanto	25.7	56.2
5	Doublestop CL	OSU	25.0	57.4
6	Iba	OSU	24.8	57.3
7	SY Southwind	Syngenta	24.6	55.6
8	Duster	OSU	24.3	56.4
9	SY Monument	Syngenta	24.2	55.1
10	Gallagher	Monsanto	24.2	55.6
11	SY Llano	Syngenta	24.2	58.9
12	PlainsGold Brawl CL Plus	PlainsGold	24.1	57.6
13	LCS Wizard	Limagrain	24.0	55.8
14	Underwood	Dyna-Gro	23.7	55.1
15	TAM 304	TAMU	23.6	52.4
16	PlainsGold Byrd	PlainsGold	23.2	55.4
17	TAM 305	TAMU	22.9	55.8
18	Long Branch	Dyna-Gro	22.9	53.2
19	Greer	Syngenta	22.7	53.4
20	PlainsGold Avery	PlainsGold	22.5	55.2
21	LCS Mint	Limagrain	22.4	57.8
22	KanMark	KSU	22.4	56.1
23	PlainsGold Denali	PlainsGold	22.2	55.7
24	TAM 401	TAMU	22.2	54.5
25	SY Drifter	Syngenta	22.0	56.6
26	WB Redhawk	Monsanto	21.8	55.3
27	Ruby Lee	OSU	21.5	57.2
28	CPLN 15-14	Croplan	21.1	52.1
29	WB Cedar	Monsanto	20.9	55.6
30	WB 4721 (HV9W10-0129)	Monsanto	20.7	56.7
31	T158	Limagrain	20.7	56.6
32	TAM W-101	TAMU	20.5	56.4
33	Winterhawk	Monsanto	20.3	57.4
34	TAM 114	TAMU	19.9	58.2
35	WB Grainfield	Monsanto	19.8	53.6
36	TAM 111	TAMU	19.5	56.5
37	TAM 113	TAMU	19.2	56.6
38	TAM 204	TAMU	18.8	54.2
39	Weathermaster 135	Unknown	18.4	54.9
40	Endurance	OSU	17.9	54.8
LSD			3.8	0.9
CV			12.0	1.1
Mean			22.5	55.7



2016 Uniform Wheat Variety Trial: HRWW, Silverton, TX (Dryland)

Rank	Variety	Source	Yield (bu/a) [†]		Test Wt (lb/bu)
			2-Year [‡]	2016	
1	TAM 113	TAMU	38.5	41.8	59.4
2	Iba	OSU	36.6	36.2	58.7
3	Gallagher	Monsanto	34.4	36.5	59.1
4	Greer	Syngenta	34.3	36.0	57.5
5	Winterhawk	Monsanto	33.2	34.2	59.2
6	Duster	OSU	32.4	36.1	58.9
7	TAM 111	TAMU	31.5	29.7	58.4
8	TAM 305	TAMU	30.7	35.6	58.0
9	TAM 304	TAMU	29.5	30.5*	55.0
10	WB Cedar	Monsanto	28.9	32.3	59.0
11	Endurance	OSU	27.5	26.4	55.6
12	TAM 112	TAMU	27.1	18.8	55.3
13	TAM 401	TAMU	26.9	30.8	57.5
14	TAM W-101	TAMU	25.6	26.6	56.4
15	Long Branch	Dyna-Gro		48.0	59.4
16	WB 4721 (HV9W10-0129)	Monsanto		47.0	59.4
17	TAM 114	TAMU		44.3	59.2
18	T158	Limagrain		40.5	59.5
19	PlainsGold Denali	PlainsGold		40.0	59.9
20	CPLN 15-14	Croplan		37.3	59.0
21	SY Drifter	Syngenta		36.7	59.9
22	KanMark	KSU		36.4	57.7
23	SY Monument	Syngenta		36.2	58.4
24	SY Southwind	Syngenta		36.0	58.8
25	Doublestop CL	OSU		35.2	59.9
26	WB 4458	Monsanto		34.9	57.8
27	SY Llano	Syngenta		34.4	60.6
28	Bentley	OSU		34.3	57.5
29	WB Grainfield	Monsanto		33.9	58.7
30	TAM 204	TAMU		33.4	57.3
31	SY Grit	Syngenta		31.4	56.2
32	LCS Mint	Limagrain		30.8	58.4
33	Underwood	Dyna-Gro		30.7	58.0
34	LCS Wizard	Limagrain		30.1	59.3
35	Weathermaster 135	Unknown		29.8	58.6
36	PlainsGold Byrd	PlainsGold		28.9	53.7
37	PlainsGold Avery	PlainsGold		28.1	55.2
38	PlainsGold Brawl CL Plus	PlainsGold		27.6	55.6
39	Ruby Lee	OSU		20.7	55.3
40	WB Redhawk	Monsanto		17.9	53.0
LSD			4.3	6.1	--
CV			11.9	11.2	--
Mean			31.2	33.4	57.9

[†]Varieties ranked according to 2-year, then 2016 yield averages.

[‡]2-year average based on 2011 and 2016.

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: HRWW, Wellington, TX (Dryland)

Rank	Variety	Source	Yield	Test Wt
			(bu/a)	(lb/bu)
2016	2016			
1	Greer	Syngenta	51.5	56.3
2	TAM 114	TAMU	50.8	58.1
3	LCS Mint	Limagrain	50.7	58.4
4	SY Monument	Syngenta	48.0	56.3
5	TAM 204	TAMU	47.0	56.7
6	WB Grainfield	Monsanto	47.0	56.9
7	Bentley	OSU	46.8	56.5
8	TAM 305	TAMU	46.6	57.8
9	PlainsGold Denali	PlainsGold	46.6	58.3
10	SY Grit	Syngenta	46.0	57.3
11	SY Southwind	Syngenta	44.9	57.0
12	PlainsGold Byrd	PlainsGold	44.7	56.5
13	PlainsGold Avery	PlainsGold	44.5	56.2
14	T158	Limagrain	43.7	57.7
15	TAM 112	TAMU	42.8	57.9
16	Winterhawk	Monsanto	42.5	58.4
17	TAM 111	TAMU	42.2	58.2
18	WB Redhawk	Monsanto	42.1	56.3
19	LCS Wizard	Limagrain	41.9	57.6
20	PlainsGold Brawl CL Plus	PlainsGold	41.8	58.2
21	WB 4721 (HV9W10-0129)	Monsanto	41.5	58.9
22	Underwood	Dyna-Gro	41.5	58.4
23	Long Branch	Dyna-Gro	41.3	58.5
24	KanMark	KSU	41.0	57.7
25	SY Drifter	Syngenta	41.0	59.2
26	TAM 304	TAMU	41.0*	57.0
27	WB 4458	Monsanto	40.9	57.3
28	TAM 113	TAMU	40.9	58.0
29	Gallagher	Monsanto	40.9	58.2
30	SY Llano	Syngenta	40.8	60.1
31	Iba	OSU	40.8	57.7
32	Duster	OSU	40.2	58.3
33	Doublestop CL	OSU	40.1	58.4
34	WB Cedar	Monsanto	38.1	57.8
35	Endurance	OSU	37.8	57.3
36	Weathermaster 135	Unknown	37.7	59.2
37	Ruby Lee	OSU	37.7	57.6
38	TAM 401	TAMU	37.3	57.1
39	CPLN 15-14	Croplan	36.6	57.4
40	TAM W-101	TAMU	35.0	58.9
LSD			5.1	--
CV			7.4	--
Mean			42.6	57.7

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: HRWW, High Plains Irrigated Regional Summary

Rank	Variety	Source	AVG	Yield (bu/a)						Test Wt (lb/bu)	2016
				Bushland	Clovis	Dawson	Dumas	Sunray	Swisher		
1	TAM 114	TAMU	88.4	93.4	101.2	79.2	55.5	67.7	124.7	58.5	
2	TAM 204	TAMU	86.2	95.2	103.1	72.7	49.3	53.9	132.3	55.7	
3	SY Grit	Syngenta	85.0	98.3	95.9	71.4	46.0	62.6	128.0	57.6	
4	TAM 304	TAMU	84.2*	95.9*	96.0	55.2*	58.1*	63.5*	130.7*	55.4	
5	SY Southwind	Syngenta	82.8	92.2	98.9	67.7	54.8	61.4	115.9	55.3	
6	WB Grainfield	Monsanto	82.1	88.2	94.8	58.5	60.5	60.8	123.9	57.3	
7	WB 4458	Monsanto	82.1	90.9	94.3	71.0	44.6	47.3	131.7	55.7	
8	LCS Mint	Limagrain	82.1	90.8	80.8	74.0	57.0	55.2	123.5	57.2	
9	Underwood	Dyna-Gro	81.9	90.6	83.6	67.3	51.6	61.2	127.1	57.8	
10	WB Cedar	Monsanto	81.6	84.9	91.4	77.8	49.6	44.4	127.5	57.2	
11	PlainsGold Brawl CL Plus	PlainsGold	81.5	89.8	98.4	64.0	48.1	55.8	124.3	57.5	
12	Gallagher	Monsanto	81.0	90.0	78.2	75.2	50.6	59.8	121.1	56.6	
13	Winterhawk	Monsanto	81.0	88.7	92.0	55.6	55.2	63.2	124.9	57.7	
14	Greer	Syngenta	80.9	92.8	77.8	65.8	47.9	61.4	128.9	56.5	
15	SY Monument	Syngenta	80.8	91.7	81.3	75.4	57.5	59.8	110.3	56.9	
16	PlainsGold Byrd	PlainsGold	80.6	97.1	94.9	54.7	51.6	69.5	113.5	56.9	
17	TAM 305	TAMU	80.6	90.6	92.7	60.0	43.8	62.5	125.7	58.1	
18	WB 4721 (HV9W10-0129)	Monsanto	80.5	90.5	86.0	65.5	53.5	54.0	124.1	58.0	
19	KanMark	KSU	80.2	95.6	90.2	60.0	54.8	62.0	114.1	58.1	
20	TAM 111	TAMU	80.1	95.3	82.0	67.4	53.7	61.6	113.8	58.7	
21	Iba	OSU	79.9	94.3	77.8	64.2	61.2	55.7	118.5	57.6	
22	TAM 113	TAMU	79.7	96.2	83.4	62.8	50.6	61.3	117.3	56.8	
23	WB Redhawk	Monsanto	79.5	82.4	82.8	76.4	36.3	53.0	130.1	57.5	
24	T158	Limagrain	79.4	85.4	78.1	80.8	55.4	56.5	109.4	57.6	
25	Long Branch	Dyna-Gro	78.8	91.5	84.1	62.1	60.5	59.6	110.1	56.3	
26	SY Drifter	Syngenta	77.6	81.5	88.4	55.5	54.8	57.8	120.4	58.5	
27	PlainsGold Avery	PlainsGold	77.4	95.3	78.7	51.0	54.5	68.7	112.9	55.5	
28	Bentley	OSU	77.0	86.2	81.3	65.0	46.9	61.4	113.4	56.2	
29	SY Llano	Syngenta	76.6	90.2	79.4	58.1	45.3	54.1	123.2	59.1	
30	Duster	OSU	76.1	83.9	78.3	57.4	58.5	57.2	114.6	57.0	
31	PlainsGold Denali	PlainsGold	75.9	95.0	93.5	42.2	57.6	60.3	107.2	57.9	
32	TAM 112	TAMU	75.6	98.9	77.1	54.0	50.0	62.7	107.3	59.0	
33	Ruby Lee	OSU	73.3	78.7	83.4	56.5	48.1	53.7	111.9	57.7	
34	TAM 401	TAMU	73.0	84.6	86.7	53.1	36.8	46.6	120.8	55.5	
35	Doublestop CL	OSU	72.6	80.5	81.0	59.1	47.1	49.8	110.0	58.0	
36	CPLN 15-14	Croplan	72.1	83.6	86.5	54.0	58.7	54.0	94.5	54.7	
37	LCS Wizard	Limagrain	71.9	80.4	78.1	49.6	56.3	64.2	100.7	57.3	
38	Endurance	OSU	70.4	79.2	89.9	44.7	48.6	49.7	106.8	56.9	
39	TAM W-101	TAMU	67.5	73.8	68.9	40.6	52.2	50.8	112.5	55.6	
40	Weathermaster 135	Unknown	63.1	79.2	73.4	30.4	46.2	50.1	98.4	54.3	
LSD			3.5	5.9	13.5	4.8	9.1	8.2	8.4	0.8	
CV			7.2	4.1	9.6	5.6	10.9	8.7	5.1	2.3	
Mean			78.3	88.9	86.4	61.4	51.5	57.7	117.6	57.1	

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: HRWW, Bushland, TX (Irrigated)

Rank	Variety	Source	Yield (bu/a) [†]				Test Wt (lb/bu)
			4-Year [‡]	3-Year	2-Year	2016	
1	TAM 113	TAMU	78.1	79.1	73.3	96.2	63.5
2	Iba	OSU	77.2	78.6	73.4	94.3	64.1
3	Winterhawk	Monsanto	74.8	76.5	73.1	88.7	62.8
4	TAM 111	TAMU	70.9	72.3	69.1	95.3	62.7
5	Duster	OSU	69.0	68.8	62.5	83.9	62.7
6	TAM 112	TAMU	68.5	67.6	67.2	98.9	63.0
7	TAM 305	TAMU	64.3	66.5	64.9	90.6	62.2
8	TAM 304	TAMU	64.0	66.0	64.3	95.9*	61.1
9	Greer	Syngenta	63.8	66.4	67.4	92.8	60.9
10	Endurance	OSU	61.4	62.4	60.1	79.2	62.1
11	TAM W-101	TAMU	61.0	64.0	61.0	73.8	62.3
12	WB Cedar	Monsanto	58.4	56.8	63.2	84.9	60.8
13	TAM 401	TAMU	58.4	61.1	58.9	84.6	60.8
14	TAM 204	TAMU		74.6	69.8	95.2	61.7
15	TAM 114	TAMU		73.3	69.0	93.4	63.0
16	T158	Limagrain		67.5	67.4	85.4	62.3
17	Ruby Lee	OSU		58.8	60.9	78.7	62.5
18	PlainsGold Denali	PlainsGold			76.8	95.0	64.6
19	PlainsGold Byrd	PlainsGold			73.1	97.1	61.9
20	WB Grainfield	Monsanto			72.8	88.2	61.6
21	LCS Mint	Limagrain			71.7	90.8	63.6
22	PlainsGold Brawl CL Plus	PlainsGold			68.5	89.8	64.7
23	WB 4458	Monsanto			67.8	90.9	61.9
24	LCS Wizard	Limagrain			67.5	80.4	61.8
25	WB Redhawk	Monsanto			57.2	82.4	61.2
26	SY Grit	Syngenta				98.3	62.2
27	KanMark	KSU				95.6	63.5
28	PlainsGold Avery	PlainsGold				95.3	61.8
29	SY Southwind	Syngenta				92.2	--
30	SY Monument	Syngenta				91.7	61.3
31	Long Branch	Dyna-Gro				91.5	61.1
32	Underwood	Dyna-Gro				90.6	61.3
33	WB 4721 (HV9W10-0129)	Monsanto				90.5	62.7
34	SY Llano	Syngenta				90.2	63.3
35	Gallagher	Monsanto				90.0	64.6
36	Bentley	OSU				86.2	60.3
37	CPLN 15-14	Croplan				83.6	60.6
38	SY Drifter	Syngenta				81.5	64.2
39	Doublestop CL	OSU				80.5	64.4
40	Weathermaster 135	Unknown				79.2	61.8
LSD			4.7	4.3	5.1	5.9	--
CV			8.6	6.7	6.7	4.1	--
Mean			66.7	68.0	67.0	88.9	62.4

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2016 yield averages.

[‡]4-year average based on 2011, 2012, 2014 and 2016.

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: HRWW, Clovis, NM (Irrigated)

Rank	Variety	Source	Yield (bu/a) [†]				Test Wt (lb/bu)
			4-Year [‡]	3-Year	2-Year	2016	
1	Winterhawk	Monsanto	90.2	96.3	87.3	92.0	54.0
2	TAM 304	TAMU	88.3	96.9	92.3	96.0	54.6
3	WB Cedar	Monsanto	88.1	94.0	84.1	91.4	56.7
4	TAM 111	TAMU	85.4	85.6	80.1	82.0	56.2
5	Duster	OSU	82.8	86.5	82.7	78.3	54.3
6	Iba	OSU	82.1	85.1	79.4	77.8	58.0
7	Gallagher	Monsanto	81.2	86.7	83.9	78.2	54.0
8	Greer	Syngenta	80.2	84.3	83.1	77.8	55.8
9	TAM 113	TAMU	79.9	83.9	86.0	83.4	53.8
10	TAM 112	TAMU	79.1	83.6	81.9	77.1	58.6
11	TAM 305	TAMU	78.1	86.0	86.2	92.7	56.4
12	TAM 401	TAMU	76.7	89.1	88.6	86.7	54.5
13	Endurance	OSU	72.8	80.6	78.3	89.9	55.2
14	TAM W-101	TAMU	68.8	74.6	66.7	68.9	52.5
15	TAM 114	TAMU		98.7	100.2	101.2	56.6
16	TAM 204	TAMU		95.5	92.7	103.1	55.6
17	T158	Limagrain		88.2	80.6	78.1	57.0
18	Ruby Lee	OSU		79.6	79.9	83.4	56.0
19	SY Grit	Syngenta			98.1	95.9	56.4
20	WB Grainfield	Monsanto			97.0	94.8	56.4
21	PlainsGold Brawl CL Plus	PlainsGold			89.2	98.4	56.0
22	KanMark	KSU			89.0	90.2	55.2
23	Bentley	OSU			87.3	81.3	54.5
24	LCS Mint	Limagrain			85.5	80.8	54.5
25	WB 4458	Monsanto			85.3	94.3	53.2
26	SY Drifter	Syngenta			85.1	88.4	57.0
27	PlainsGold Denali	PlainsGold			83.4	93.5	57.3
28	Doublestop CL	OSU			82.4	81.0	56.4
29	SY Monument	Syngenta			82.1	81.3	55.7
30	PlainsGold Byrd	PlainsGold			78.8	94.9	56.1
31	SY Llano	Syngenta			77.6	79.4	57.4
32	WB Redhawk	Monsanto			76.6	82.8	56.7
33	LCS Wizard	Limagrain			76.4	78.1	55.9
34	SY Southwind	Syngenta				98.9	55.0
35	CPLN 15-14	Croplan				86.5	53.3
36	WB 4721 (HV9W10-0129)	Monsanto				86.0	57.7
37	Long Branch	Dyna-Gro				84.1	55.4
38	Underwood	Dyna-Gro				83.6	55.2
39	PlainsGold Avery	PlainsGold				78.7	53.0
40	Weathermaster 135	Unknown				73.4	49.5
LSD			6.5	7.5	9.5	13.5	2.1
CV			9.8	9.1	9.9	9.6	2.4
Mean			81.0	87.5	84.5	86.4	55.4

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2016 yield averages.

[‡]4-year average based on 2011, 2012, 2015 and 2016.



2016 Uniform Wheat Variety Trial: HRWW, Dawson County, TX (Irrigated)

Rank	Variety	Source	Yield (bu/a) [†]		Test Wt (lb/bu)	
			3-Year [‡]	2-Year	2016	2016
1	TAM 114	TAMU	95.8	93.3	79.2	56.3
2	LCS Mint	Limagrain	94.4	85.4	74.0	55.9
3	T158	Limagrain	94.2	90.8	80.8	56.4
4	Greer	Syngenta	90.8	82.4	65.8	53.8
5	WB 4458	Monsanto	90.7	83.8	71.0	56.1
6	TAM 204	TAMU	90.6	86.0	72.7	53.3
7	Iba	OSU	88.1	80.7	64.2	55.5
8	TAM 111	TAMU	86.3	79.1	67.4	56.6
9	PlainsGold Brawl CL Plus	PlainsGold	86.0	79.6	64.0	55.9
10	TAM 304	TAMU	85.5	74.6	55.2*	51.8
11	WB Grainfield	Monsanto	85.4	76.0	58.5	54.4
12	TAM 305	TAMU	85.4	81.7	60.0	56.8
13	WB Redhawk	Monsanto	84.8	83.2	76.4	56.3
14	PlainsGold Byrd	PlainsGold	83.7	72.3	54.7	54.3
15	Winterhawk	Monsanto	81.6	71.3	55.6	56.7
16	TAM 112	TAMU	81.6	72.0	54.0	56.1
17	TAM 113	TAMU	81.5	75.6	62.8	55.3
18	LCS Wizard	Limagrain	80.9	68.6	49.6	54.3
19	WB Cedar	Monsanto	80.8	88.9	77.8	55.1
20	Duster	OSU	80.0	74.7	57.4	55.0
21	PlainsGold Denali	PlainsGold	78.9	65.7	42.2	53.4
22	Ruby Lee	OSU	78.6	75.4	56.5	55.6
23	Endurance	OSU	76.5	68.6	44.7	54.0
24	TAM 401	TAMU	73.3	72.3	53.1	53.1
25	TAM W-101	TAMU	71.0	60.4	40.6	54.1
26	Gallagher	Monsanto		89.7	75.2	55.8
27	SY Monument	Syngenta		89.2	75.4	54.7
28	SY Grit	Syngenta		86.1	71.4	56.0
29	Bentley	OSU		81.2	65.0	54.3
30	KanMark	KSU		80.6	60.0	56.2
31	SY Llano	Syngenta		78.5	58.1	57.3
32	SY Drifter	Syngenta		74.5	55.5	55.8
33	Doublestop CL	OSU		74.3	59.1	56.8
34	SY Southwind	Syngenta			67.7	54.0
35	Underwood	Dyna-Gro			67.3	56.1
36	WB 4721 (HV9W10-0129)	Monsanto			65.5	56.0
37	Long Branch	Dyna-Gro			62.1	52.7
38	CPLN 15-14	Croplan			54.0	51.6
39	PlainsGold Avery	PlainsGold			51.0	54.8
40	Weathermaster 135	Unknown			30.4	51.5
LSD			4.2	4.7	4.8	1.4
CV			6.1	6.1	5.6	1.8
Mean			84.3	78.7	61.4	55.0

[†]Varieties ranked according to 3-year, 2-year, then 2016 yield averages.

[‡]3-year average based on 2014, 2015 and 2016.

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: HRWW, Dumas, TX (Irrigated)

Rank	Variety	Source	Yield (bu/a) [†]			Test Wt (lb/bu)	
			4-Year [‡]	3-Year	2-Year	2016	2016
1	Iba	OSU	54.6	53.1	54.7	61.2	58.9
2	TAM 113	TAMU	53.4	51.4	56.0	50.6	58.5
3	Winterhawk	Monsanto	53.3	52.0	56.5	55.2	58.6
4	Gallagher	Monsanto	52.5	52.1	55.2	50.6	58.3
5	Duster	OSU	51.2	50.2	52.7	58.5	58.6
6	WB Cedar	Monsanto	49.9	52.0	57.0	49.6	57.1
7	TAM 112	TAMU	48.0	44.5	46.4	50.0	59.0
8	TAM 305	TAMU	47.4	46.5	52.0	43.8	57.4
9	Greer	Syngenta	47.4	48.1	53.0	47.9	57.2
10	TAM 304	TAMU	46.5	45.3	48.5	58.1*	55.5
11	TAM 111	TAMU	45.5	41.9	42.2	53.7	58.6
12	TAM 401	TAMU	44.9	44.1	49.5	36.8	56.6
13	TAM W-101	TAMU	44.2	42.1	46.5	52.2	57.2
14	Endurance	OSU	44.0	42.4	42.4	48.6	57.8
15	TAM 114	TAMU		54.3	58.0	55.5	58.6
16	T158	Limagrain		50.0	54.9	55.4	57.5
17	TAM 204	TAMU		48.0	53.6	49.3	55.9
18	Ruby Lee	OSU		44.5	41.8	48.1	58.3
19	SY Monument	Syngenta			64.5	57.5	56.8
20	WB Grainfield	Monsanto			61.8	60.5	59.0
21	LCS Mint	Limagrain			56.5	57.0	58.1
22	SY Drifter	Syngenta			55.4	54.8	59.7
23	Bentley	OSU			54.4	46.9	57.2
24	WB 4458	Monsanto			53.7	44.6	56.2
25	SY Llano	Syngenta			51.9	45.3	60.1
26	PlainsGold Denali	PlainsGold			51.6	57.6	59.2
27	SY Grit	Syngenta			51.0	46.0	56.3
28	LCS Wizard	Limagrain			50.5	56.3	58.4
29	KanMark	KSU			50.3	54.8	59.1
30	Doublestop CL	OSU			50.0	47.1	58.3
31	PlainsGold Brawl CL Plus	PlainsGold			45.9	48.1	57.5
32	PlainsGold Byrd	PlainsGold			44.5	51.6	57.6
33	WB Redhawk	Monsanto			40.3	36.3	55.9
34	Long Branch	Dyna-Gro				60.5	58.0
35	CPLN 15-14	Croplan				58.7	58.4
36	SY Southwind	Syngenta				54.8	57.6
37	PlainsGold Avery	PlainsGold				54.5	57.3
38	WB 4721 (HV9W10-0129)	Monsanto				53.5	58.1
39	Underwood	Dyna-Gro				51.6	57.9
40	Weathermaster 135	Unknown				46.2	56.2
LSD			3.6	4.8	6.5	9.1	0.9
CV			9.1	10.8	11.0	10.9	0.9
Mean			48.6	47.7	51.5	51.5	57.8

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2016 yield averages.

[‡]4-year average based on 2011, 2012, 2015 and 2016.

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: HRWW, Sunray, TX (Irrigated)

Rank	Variety	Source	Yield (bu/a) [†]		Test Wt (lb/bu)
			2-Year [‡]	2016	
1	TAM 114	TAMU	76.8	67.7	59.5
2	PlainsGold Denali	PlainsGold	71.6	60.3	58.4
3	TAM 111	TAMU	71.2	61.6	59.3
4	Winterhawk	Monsanto	70.4	63.2	59.5
5	TAM 112	TAMU	69.7	62.7	61.0
6	Iba	OSU	69.3	55.7	58.4
7	Greer	Syngenta	69.1	61.4	56.1
8	TAM 304	TAMU	68.8	63.5*	56.5
9	PlainsGold Byrd	PlainsGold	68.6	69.5	57.9
10	LCS Wizard	Limagrain	67.8	64.2	56.7
11	TAM 305	TAMU	66.9	62.5	58.3
12	Duster	OSU	66.7	57.2	56.1
13	T158	Limagrain	65.8	56.5	59.0
14	LCS Mint	Limagrain	65.6	55.2	58.4
15	WB Grainfield	Monsanto	65.5	60.8	58.5
16	TAM 113	TAMU	64.6	61.3	57.5
17	PlainsGold Brawl CL Plus	PlainsGold	63.9	55.8	58.5
18	TAM 204	TAMU	63.3	53.9	56.1
19	TAM W-101	TAMU	63.1	50.8	59.0
20	WB 4458	Monsanto	62.8	47.3	57.3
21	WB Redhawk	Monsanto	59.4	53.0	57.7
22	WB Cedar	Monsanto	59.0	44.4	57.9
23	Endurance	OSU	56.8	49.7	57.7
24	Ruby Lee	OSU	55.4	53.7	59.2
25	TAM 401	TAMU	54.9	46.6	56.6
26	PlainsGold Avery	PlainsGold		68.7	58.0
27	SY Grit	Syngenta		62.6	58.2
28	KanMark	KSU		62.0	58.6
29	SY Southwind	Syngenta		61.4	58.1
30	Bentley	OSU		61.4	57.4
31	Underwood	Dyna-Gro		61.2	59.1
32	Gallagher	Monsanto		59.8	57.3
33	SY Monument	Syngenta		59.8	57.0
34	Long Branch	Dyna-Gro		59.6	58.5
35	SY Drifter	Syngenta		57.8	59.1
36	SY Llano	Syngenta		54.1	60.5
37	WB 4721 (HV9W10-0129)	Monsanto		54.0	59.1
38	CPLN 15-14	Croplan		54.0	55.7
39	Weathermaster 135	Unknown		50.1	57.9
40	Doublestop CL	OSU		49.8	60.3
LSD			8.4	8.2	1.5
CV			11.2	8.7	1.6
Mean			65.3	57.7	58.1

[†]Varieties ranked according to 2-year, then 2016 yield averages.

[‡]2-year average based on 2014 and 2016.

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.



2016 Uniform Wheat Variety Trial: HRWW, Swisher, TX (Irrigated)

Rank	Variety	Source	Yield	Test Wt
			(bu/a)	(lb/bu)
2016	2016			
1	TAM 204	TAMU	132.3	56.4
2	WB 4458	Monsanto	131.7	54.1
3	TAM 304	TAMU	130.7*	57.3
4	WB Redhawk	Monsanto	130.1	59.6
5	Greer	Syngenta	128.9	58.3
6	WB Cedar	Monsanto	127.5	58.3
7	Underwood	Dyna-Gro	127.1	59.6
8	SY Grit	Syngenta	126.6	59.4
9	TAM 305	TAMU	125.7	60.3
10	Winterhawk	Monsanto	124.9	58.4
11	TAM 114	TAMU	124.7	60.2
12	PlainsGold Brawl CL Plus	PlainsGold	124.3	57.9
13	WB 4721 (HV9W10-0129)	Monsanto	124.1	58.3
14	WB Grainfield	Monsanto	123.9	57.8
15	LCS Mint	Limagrain	123.5	57.5
16	SY Llano	Syngenta	123.2	59.3
17	Gallagher	Monsanto	121.1	55.6
18	TAM 401	TAMU	120.8	55.7
19	SY Drifter	Syngenta	120.4	59.7
20	Iba	OSU	118.5	56.4
21	TAM 113	TAMU	117.3	57.3
22	SY Southwind	Syngenta	115.9	55.2
23	Duster	OSU	114.6	59.1
24	KanMark	KSU	114.1	59.6
25	TAM 111	TAMU	113.8	61.2
26	PlainsGold Byrd	PlainsGold	113.5	57.8
27	Bentley	OSU	113.4	56.6
28	PlainsGold Avery	PlainsGold	112.9	53.4
29	TAM W-101	TAMU	112.5	54.1
30	Ruby Lee	OSU	111.9	58.1
31	SY Monument	Syngenta	110.8	58.7
32	Long Branch	Dyna-Gro	110.1	56.6
33	Doublestop CL	OSU	110.0	56.9
34	T158	Limagrain	109.4	57.1
35	TAM 112	TAMU	107.3	59.7
36	PlainsGold Denali	PlainsGold	107.2	59.7
37	Endurance	OSU	106.8	58.6
38	LCS Wizard	Limagrain	100.7	59.9
39	Weathermaster 135	Unknown	98.4	54.8
40	CPLN 15-14	Croplan	94.5	54.1
LSD			8.4	2.7
CV			5.1	3.3
Mean			117.6	57.7

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.

Texas Locations Agronomic Data Rolling Plains: 2016

Location¹	Cooperator(s)	Yield Limiting Issues	Planting Date	Fertilizer (Total lb N/A)	Water*	Seeding Rate (lb/A)
Abilene	Danny Lewis	Late Planting and Stripe rust	12/10/15	45	D	75
Brady	Holubec Farms; David Holubec	Hessian Fly and Poor Stands DATA NOT SHOWN	11/20/15	90	D	50
Chillicothe	Chillicothe Research Station	ABANDONED Storm damage	11/11/15	80	D	75
Munday	Kenneth Baker	Stripe rust	11/12/15	--	D	75
Electra	Carl and Bill Brockreide	None	11/13/15	--	D	75

¹All locations were planted to 7" row spacing and were conventionally tilled EXCEPT for Electra and Brady which were no-till

*Irrigation: IL = Irrigated Limited, D = Dryland



2016 Uniform Wheat Variety Trial: HRWW, Rolling Plains Regional Summary

Rank	Variety	Source	Yield (bu/a)			Test Wt (lb/bu)	
			AVG	Abilene	Electra		
1	Greer	Syngenta	48.8	51.1	58.4	36.7	56.8
2	WB 4721 (HV9W10-0129)	Monsanto	47.2	50.1	51.0	40.4	60.1
3	SY Southwind	Syngenta	43.7	42.7	49.8	38.6	57.8
4	T158	Limagrain	43.6	52.8	43.3	34.7	58.8
5	TAM 114	TAMU	43.3	53.8	43.7	32.5	59.9
6	TAM 204	TAMU	41.7	49.1	46.3	29.6	57.5
7	WB 4515 (HV9W10-0458)	Monsanto	41.4	45.6	41.2	37.4	59.6
8	Jackpot	Syngenta	41.2	47.1	48.2	28.3	57.9
9	SY Razor	Syngenta	41.1	46.3	37.3	39.7	60.9
10	Winterhawk	Monsanto	41.0	39.1	47.4	36.5	59.7
11	WB Cedar	Monsanto	40.4	52.7	43.7	24.7	57.8
12	SY Grit (05BC041-10-10)	Syngenta	39.7	42.5	52.0	24.6	57.9
13	TAM 401	TAMU	39.2	41.3	45.7	30.6	57.4
14	Gallagher	OSU	39.0	48.0	39.1	30.0	58.3
15	Bentley	OSU	38.4	35.0	51.4	28.7	57.4
16	WB 4458	Monsanto	38.1	44.4	40.0	29.9	58.4
17	SY Llano	Syngenta	38.1	46.6	36.6	31.0	60.2
18	TAM 304	TAMU	37.9*	37.4*	44.9*	31.3*	55.2
19	TAM 113 (Treated**)	TAMU	37.6	46.4	37.7	28.6	58.4
20	SY Drifter	Syngenta	37.1	33.5	42.2	35.8	59.1
21	WB Grainfield	Monsanto	36.8	39.6	39.0	31.7	57.5
22	Doublestop CL	OSU	36.2	32.8	47.6	28.1	60.1
23	TAM 113	TAMU	36.1	46.0	34.6	27.6	58.7
24	TAM 113 (Untreated)	TAMU	36.0	42.6	35.9	29.6	58.2
25	Fannin	Syngenta	35.8	37.9	47.2	22.4	58.9
26	TAM 305	TAMU	35.8	43.9	37.1	26.4	58.2
27	Iba	OSU	34.7	37.4	40.2	26.3	58.8
28	LCS Mint	Limagrain	34.5	42.0	41.4	20.1	59.5
29	KanMark	KSU	34.3	34.1	39.6	29.1	58.8
30	LCS Pistol	Limagrain	33.8	37.0	42.0	22.4	57.6
31	Duster	OSU	33.4	33.6	43.7	23.1	58.4
32	WB 4303 (HV9W10-1002)	Monsanto	33.4	37.4	35.5	27.1	56.7
33	WB Redhawk	Monsanto	27.7	35.0	33.8	14.4	57.3
34	LCS Wizard	Limagrain	26.5	29.1	34.2	16.2	57.4
35	Endurance	OSU	24.9	24.8	29.8	20.2	56.6
36	Weathermaster 135	Unknown	24.4	28.6	33.8	10.7	55.9
37	TAM W-101	TAMU	24.2	25.9	35.4	11.2	57.9
38	TAM 111	TAMU	22.7	24.8	31.0	12.1	57.3
39	TAM 112	TAMU	20.1	19.8	31.2	9.3	57.1
40	Ruby Lee	OSU	19.4	17.5	31.1	9.7	56.7
LSD			5.1	8.8	11.6	5.2	0.7
CV			15.5	13.8	17.4	12.1	1.2
Mean			35.6	39.3	41.0	26.6	58.2

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.

**TAM 113 seed treatment of Rancona Crest (5 fl oz/cwt) + Belmont 2.7 FS (0.1 fl oz/cwt)



2016 Uniform Wheat Variety Trial: HRWW, Abilene, TX

Rank	Variety	Source	Yield (bu/a) [†]			Test Wt (lb/bu)
			4-Year [‡]	3-Year	2-Year	
Rank	Variety	Source	4-Year [‡]	3-Year	2-Year	2016
1	TAM 114	TAMU	38.8	41.7	49.6	53.8
2	TAM 305	TAMU	36.4	37.3	44.9	43.9
3	Greer	Syngenta	35.9	38.2	46.3	51.1
4	Gallagher	OSU	35.5	37.4	43.6	48.0
5	TAM 204	TAMU	34.9	37.0	45.4	49.1
6	TAM 113	TAMU	34.7	36.6	43.5	46.0
7	Jackpot	Syngenta	34.3	36.0	41.4	47.1
8	TAM 401	TAMU	33.8	35.9	41.3	41.3
9	SY Razor	Syngenta	32.7	33.8	41.6	46.3
10	TAM 304	TAMU	32.3	33.4	41.4	37.4*
11	Fannin	Syngenta	31.6	33.1	37.8	37.9
12	Iba	OSU	30.7	32.3	38.7	37.4
13	Duster	OSU	30.6	30.5	36.0	33.6
14	TAM W-101	TAMU	26.4	24.1	28.7	25.9
15	TAM 112	TAMU	26.4	26.5	27.1	19.8
16	TAM 111	TAMU	25.8	26.5	27.2	24.8
17	Ruby Lee	OSU	23.9	21.9	22.9	17.5
18	WB Cedar	Monsanto	40.4	49.4	52.7	57.6
19	T158	Limagrain	40.3	48.5	52.8	59.1
20	WB 4458	Monsanto	38.6	45.4	44.4	59.0
21	LCS Mint	Limagrain	38.5	42.7	42.0	60.1
22	WB Grainfield	Monsanto	35.3	42.0	39.6	58.4
23	Winterhawk	Monsanto	33.9	40.8	39.1	60.1
24	Doublestop CL	OSU	30.1	34.3	32.8	60.5
25	WB Redhawk	Monsanto	30.0	33.3	35.0	57.5
26	LCS Wizard	Limagrain	29.1	30.6	29.1	57.2
27	Weathermaster 135	Unknown	26.3	28.9	28.6	57.6
28	SY Grit (05BC041-10-10)	Syngenta		44.4	42.5	57.8
29	SY Llano	Syngenta		43.6	46.6	60.4
30	Bentley	OSU		39.1	35.0	57.4
31	SY Drifter	Syngenta		37.1	33.5	59.4
32	KanMark	KSU		36.8	34.1	59.4
33	Endurance	OSU		25.7	24.8	56.8
34	WB 4721 (HV9W10-0129)	Monsanto			50.1	60.8
35	TAM 113 (Treated**)	TAMU			46.4	59.3
36	WB 4515 (HV9W10-0458)	Monsanto			45.6	60.4
37	SY Southwind	Syngenta			42.7	58.0
38	TAM 113 (Untreated)	TAMU			42.6	58.8
39	WB 4303 (HV9W10-1002)	Monsanto			37.4	56.3
40	LCS Pistol	Limagrain			37.0	58.2
LSD			3.0	3.7	5.2	8.8
CV			11.5	11.7	11.8	13.8
Mean			32.0	33.5	38.7	39.3
						58.5

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2016 yield averages.

[‡]4-year average based on 2012, 2014, 2015 and 2016.

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.

**TAM 113 seed treatment of Rancona Crest (5 fl oz/cwt) + Belmont 2.7 FS (0.1 fl oz/cwt)



2016 Uniform Wheat Variety Trial: HRWW, Electra, TX

Rank	Variety	Source	Yield (bu/a) [†]			Test Wt (lb/bu)
			3-Year [‡]	2-Year	2016	
1	Greer	Syngenta	46.6	44.8	58.4	56.5
2	TAM 304	TAMU	43.7	37.9	44.9*	54.4
3	TAM 114	TAMU	40.7	34.4	43.7	58.7
4	SY Llano	Syngenta	39.3	35.0	36.6	59.8
5	TAM 401	TAMU	39.1	36.9	45.7	57.4
6	TAM 204	TAMU	38.9	35.6	46.3	57.6
7	SY Razor	Syngenta	38.0	34.3	37.3	60.5
8	Gallagher	OSU	37.4	33.3	39.1	56.8
9	Iba	OSU	37.2	32.9	40.2	58.3
10	TAM 305	TAMU	36.5	28.9	37.1	58.0
11	Fannin	Syngenta	35.7	35.7	47.2	58.4
12	Duster	OSU	35.0	30.8	43.7	57.9
13	Ruby Lee	OSU	34.9	29.9	31.1	56.6
14	Jackpot	Syngenta	34.7	27.3	48.2	57.6
15	TAM W-101	TAMU	31.4	27.7	35.4	56.6
16	TAM 111	TAMU	30.1	26.8	31.0	57.5
17	TAM 112	TAMU	29.9	26.6	31.2	57.2
18	TAM 113	TAMU	28.7	24.0	34.6	57.9
19	Endurance	OSU	27.3	19.7	29.8	56.0
20	SY Grit (05BC041-10-10)	Syngenta		46.6	52.0	58.4
21	Bentley	OSU		44.1	51.4	57.2
22	Winterhawk	Monsanto		40.5	47.4	59.5
23	Doublestop CL	OSU		38.2	47.6	59.6
24	WB Cedar	Monsanto		37.6	43.7	57.6
25	WB 4458	Monsanto		36.6	40.0	57.8
26	SY Drifter	Syngenta		36.3	42.2	58.5
27	WB Grainfield	Monsanto		33.9	39.0	56.3
28	T158	Limagrain		33.5	43.3	58.0
29	LCS Mint	Limagrain		33.5	41.4	58.8
30	WB Redhawk	Monsanto		32.8	33.8	57.0
31	KanMark	KSU		32.3	39.6	57.9
32	LCS Wizard	Limagrain		30.4	34.2	57.0
33	Weathermaster 135	Unknown		22.0	33.8	54.4
34	WB 4721 (HV9W10-0129)	Monsanto			51.0	59.5
35	SY Southwind	Syngenta			49.8	57.2
36	LCS Pistol	Limagrain			42.0	56.8
37	WB 4515 (HV9W10-0458)	Monsanto			41.2	59.0
38	TAM 113 (Treated**)	TAMU			37.7	57.0
39	TAM 113 (Untreated)	TAMU			35.9	56.6
40	WB 4303 (HV9W10-1002)	Monsanto			35.5	57.0
LSD			5.5	6.6	11.6	1.2
CV			15.3	17.4	17.4	1.3
Mean			36.0	33.3	41.0	57.6

[†]Varieties ranked according to 3-year, 2-year, then 2016 yield averages.

[‡]3-year average based on 2012, 2015 and 2016.

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.

**TAM 113 seed treatment of Rancona Crest (5 fl oz/cwt) + Belmont 2.7 FS (0.1 fl oz/cwt)



2016 Uniform Wheat Variety Trial: HRWW, Munday, TX

Rank	Variety	Source	Yield	Test Wt
			(bu/a) 2016	(lb/bu) 2016
1	WB 4721 (HV9W10-0129)	Monsanto	40.4	59.9
2	SY Razor	Syngenta	39.7	60.7
3	SY Southwind	Syngenta	38.6	58.3
4	WB 4515 (HV9W10-0458)	Monsanto	37.4	59.4
5	Greer	Syngenta	36.7	57.5
6	Winterhawk	Monsanto	36.5	59.5
7	SY Drifter	Syngenta	35.8	59.3
8	T158	Limagrain	34.7	59.2
9	TAM 114	TAMU	32.5	60.5
10	WB Grainfield	Monsanto	31.7	57.7
11	TAM 304	TAMU	31.3*	55.7
12	SY Llano	Syngenta	31.0	60.5
13	TAM 401	TAMU	30.6	57.6
14	Gallagher	OSU	30.0	58.6
15	WB 4458	Monsanto	29.9	58.4
16	TAM 204	TAMU	29.6	57.5
17	TAM 113 (Untreated)	TAMU	29.6	59.2
18	KanMark	KSU	29.1	59.2
19	Bentley	OSU	28.7	57.5
20	TAM 113 (Treated**)	TAMU	28.6	58.9
21	Jackpot	Syngenta	28.3	58.4
22	Doublestop CL	OSU	28.1	60.2
23	TAM 113	TAMU	27.6	58.7
24	WB 4303 (HV9W10-1002)	Monsanto	27.1	56.7
25	TAM 305	TAMU	26.4	57.9
26	Iba	OSU	26.3	59.0
27	WB Cedar	Monsanto	24.7	58.1
28	SY Grit (05BC041-10-10)	Syngenta	24.6	57.6
29	Duster	OSU	23.1	58.1
30	LCS Pistol	Limagrain	22.4	57.8
31	Fannin	Syngenta	22.4	59.2
32	Endurance	OSU	20.2	57.0
33	LCS Mint	Limagrain	20.1	59.8
34	LCS Wizard	Limagrain	16.2	58.0
35	WB Redhawk	Monsanto	14.4	57.6
36	TAM 111	TAMU	12.1	58.4
37	TAM W-101	TAMU	11.2	57.2
38	Weathermaster 135	Unknown	10.7	55.6
39	Ruby Lee	OSU	9.7	--
40	TAM 112	TAMU	9.3	--
LSD			5.2	1.0
CV			12.1	0.9
Mean			26.6	58.5

*Due to poor seed source in 2016, TAM 304 yields are adjusted based on historical performance and relationship with other comparable varieties.

**TAM 113 seed treatment of Rancona Crest (5 fl oz/cwt) + Belmont 2.7 FS (0.1 fl oz/cwt)

Texas Locations Agronomic Data

South Texas: 2016

Location¹	Cooperator(s)	Yield Limiting Issues	Planting Date	Fertilizer (Total lb N/A)	Water*	Pesticide Applied (Date)
Castroville	Rollin Mangold	ABANDONED Excessive rainfall; Lodging	11/10/15 (Winter)	155	IL	Dimethoate (3/3/16)
			12/15/15 (Spring)			
College Station	Texas A&M University Research Farm	ABANDONED Excessive rainfall; Lodging	11/24/15 (Winter)	90	IL	Huskie (1/6/16)
San Patricio County	Clarence Chopelas	Leaf Rust; Stripe Rust	12/18/15 (Spring)	72	IL	--
Nueces County	Texas A&M AgriLife Research	ABANDONED Bird Feeding; Leaf Rust; Stripe Rust	12/18/15 (Spring)	110	D	Peak (12/21/15)
Uvalde	Texas A&M AgriLife Research and Extension Center	Excessive rainfall; Lodging; Spring Harvested ONLY	11/19/15 (Winter)	90	IL	Base Camp (2/3/16)
			12/16/15 (Spring)			
Wharton	Howard and Dolly Wittig	Stripe Rust; Stem Rust; Vernalization	12/10/15 (Both Spring and Winter)	90	D	Base Camp (2/2/16)

¹All locations were conventionally tilled and planted on 7-inch row spacing. Standard seeding rate for both winter and spring wheat was 750,000 seed per acre.

*Irrigation: IL = Irrigated Limited, D = Dryland



2016 Uniform Wheat Variety Trial: HRSW, South Texas Regional Summary

Rank	Variety	Source	Yield (bu/a)			Test Wt (lb/bu)	Protein (%) [§]
			AVG	San Pat	Uvalde		
1	LCS Trigger	Limagrain	69.2	70.0	73.5	64.0	57.3 12.3
2	TX10D2265*	TAMU	62.2	65.5	62.7	58.4	56.1 12.9
3	WB9518	Monsanto	61.6	68.4	59.9	56.5	55.9 15.1
4	TX12M4688	TAMU	60.9	68.6	52.5	61.7	55.9 11.9
5	TX12M4615*	TAMU	60.2	68.1	52.8	59.7	54.8 13.4
6	Expresso	Monsanto	58.6	61.3	60.1	52.2	56.5 15.0
7	LCS Nitro	Limagrain	57.0	60.3	59.3	51.5	53.2 12.7
8	WB Mayville	Monsanto	56.4	59.6	67.4	42.4	56.2 14.5
9	WB9229	Monsanto	56.3	62.7	53.0	52.0	55.4 14.4
10	WB9411	Monsanto	56.1	61.0	59.2	48.0	56.6 13.5
11	TX12M4637*	TAMU	56.0	60.2	51.5	56.6	54.7 13.2
12	LCS Albany	Limagrain	56.0	60.7	54.4	52.4	55.2 12.4
13	TX11D3127*	TAMU	55.5	65.0	55.9	45.5	56.5 13.2
14	LCS Iguacu	Limagrain	55.0	61.5	53.5	50.0	57.4 12.1
15	TX11D3117*	TAMU	54.8	57.9	48.1	58.5	53.5 13.4
16	WB9112	Monsanto	54.6	69.9	52.8	41.2	54.2 13.8
17	TX04DH231-8*	TAMU	52.2	47.0	55.7	53.8	53.8 13.8
18	WB9668	Monsanto	52.2	56.3	64.1	36.0	54.7 15.3
19	SY Goliad	Syngenta	52.0	56.2	56.6	43.1	55.6 13.0
20	Verde	UM/USDA	51.4	56.5	49.8	48.0	56.3 13.6
21	LCS Breakaway	Limagrain	50.8	62.5	51.7	38.1	57.2 14.3
22	WB9377	Monsanto	50.6	55.2	49.8	46.7	56.7 13.8
23	TX12M4713*	TAMU	50.6	59.9	51.6	40.2	55.1 13.3
24	LCS Prime	Limagrain	50.0	53.3	44.8	52.0	56.6 13.1
25	Barlow	NDSU	50.0	62.3	46.9	40.8	55.1 15.0
26	TX11D3084*	TAMU	49.9	53.6	44.7	51.4	54.6 12.9
27	TX04DH231-6*	TAMU	49.6	50.4	46.4	51.8	52.9 14.2
28	Faller	NDSU	45.5	48.6	38.6	49.3	54.6 13.6
29	TX11D3039*	TAMU	44.5	44.2	30.5	58.8	54.8 13.4
30	TX99U8544*	TAMU	43.1	43.9	44.6	40.9	55.6 12.7
31	TX04DH237-15*	TAMU	41.9	53.6	31.7	40.4	53.5 13.5
32	TX04DH231-1*	TAMU	40.2	45.9	33.7	41.0	52.4 14.0
33	Elgin-ND	NDSU	37.1	32.9	43.9	34.5	50.8 14.4
LSD			7.1	15.3	13.5	6.1	2.9 0.5
CV			14.3	16.3	16.1	7.7	5.7 3.0
Mean			52.7	57.7	50.6	47.7	55.1 13.6

*Experimental breeding line

[§]Protein averaged across Wharton and Uvalde only.



2016 Uniform Wheat Variety Trial: HRSW, San Patricio, TX

Rank	Variety	Source	Yield (bu/a) [†]		Test Wt (lb/bu)
			2-Year [‡]	2016	
1	WB9518	Monsanto	46.5	68.4	55.0
2	Expresso	Monsanto	45.4	61.3	55.2
3	LCS Iguacu	Limagrain	42.8	61.5	56.7
4	TX12M4688*	TAMU	42.4	68.6	55.6
5	WB9112	Monsanto	41.9	69.9	52.8
6	WB Mayville	Monsanto	41.2	59.6	54.8
7	WB9229	Monsanto	38.4	62.7	54.7
8	SY Goliad	Syngenta	38.2	56.2	54.2
9	Verde	UM/USDA	38.0	56.5	55.2
10	LCS Albany	Limagrain	37.7	60.7	53.1
11	TX12M4713*	TAMU	37.5	59.9	55.7
12	TX11D3117*	TAMU	36.8	57.9	54.0
13	TX12M4615*	TAMU	35.9	68.1	54.9
14	TX12M4637*	TAMU	35.5	60.2	55.4
15	Faller	NDSU	32.6	48.6	54.9
16	TX11D3084*	TAMU	32.0	53.6	55.4
17	TX11D3039*	TAMU	28.6	44.2	55.0
18	TX99U8544*	TAMU	25.4	43.9	52.4
19	LCS Trigger	Limagrain	70.0	55.4	
20	TX10D2265*	TAMU	65.5	55.5	
21	TX11D3127*	TAMU	65.0	54.7	
22	LCS Breakaway	Limagrain	62.5	55.2	
23	Barlow	NDSU	62.3	55.5	
24	WB9411	Monsanto	61.0	54.7	
25	LCS Nitro	Limagrain	60.3	53.8	
26	WB9668	Monsanto	56.3	54.3	
27	WB9377	Monsanto	55.2	55.5	
28	TX04DH237-15*	TAMU	53.6	53.2	
29	LCS Prime	Limagrain	53.3	55.6	
30	TX04DH231-6*	TAMU	50.4	52.8	
31	TX04DH231-8*	TAMU	47.0	54.0	
32	TX04DH231-1*	TAMU	45.9	53.4	
33	Elgin-ND	NDSU	32.9	50.9	
			LSD	7.8	15.3
			CV	19.6	1.6
			Mean	37.7	54.5

*Experimental breeding line

[†]Varieties ranked according to 2-year, then 2016 yield averages.

[‡]2-year average based on 2015 and 2016.



2016 Uniform Wheat Variety Trial: HRSW, Uvalde, TX

Rank	Variety	Source	Yield (bu/a) [†]		Test Wt (lb/bu)	Protein (%)
			2-Year [‡]	2016		
1	TX10D2265*	TAMU	75.6	62.7	57.9	13.7
2	Expresso	Monsanto	71.4	60.1	58.2	15.4
3	TX12M4713*	TAMU	66.7	51.6	59.2	13.7
4	WB9229	Monsanto	65.0	53.0	56.1	14.3
5	WB Mayville	Monsanto	63.6	67.4	59.8	14.3
6	TX11D3127*	TAMU	62.2	55.9	59.5	13.4
7	TX12M4615*	TAMU	62.1	52.8	57.9	14.0
8	TX12M4688*	TAMU	60.7	52.5	59.8	12.3
9	TX11D3117*	TAMU	59.1	48.1	56.8	14.7
10	TX12M4637*	TAMU	55.5	51.5	57.8	13.6
11	TX11D3084*	TAMU	54.6	44.7	57.9	13.1
12	Faller	NDSU	54.0	38.6	55.0	14.5
13	TX11D3039*	TAMU	46.0	30.5	54.4	14.4
14	Verde	UM/USDA	38.9	49.8	59.0	14.1
15	LCS Trigger	Limagrain		73.5	59.5	12.9
16	WB9668	Monsanto		64.1	58.4	14.8
17	WB9518	Monsanto		59.9	58.1	15.4
18	LCS Nitro	Limagrain		59.3	57.4	13.1
19	WB9411	Monsanto		59.2	57.3	13.8
20	SY Goliad	Syngenta		56.6	57.7	13.2
21	TX04DH231-8*	TAMU		55.7	55.3	14.4
22	LCS Albany	Limagrain		54.4	60.2	13.1
23	LCS Iguacu	Limagrain		53.5	60.5	12.2
24	WB9112	Monsanto		52.8	54.8	13.6
25	LCS Breakaway	Limagrain		51.7	60.2	14.4
26	WB9377	Monsanto		49.8	58.8	14.1
27	Barlow	NDSU		46.9	59.4	15.2
28	TX04DH231-6*	TAMU		46.4	54.3	15.4
29	LCS Prime	Limagrain		44.8	58.3	13.5
30	TX99U8544*	TAMU		44.6	58.1	13.5
31	Elgin-ND	NDSU		43.9	51.5	14.6
32	TX04DH231-12*	TAMU		40.5	45.5	14.0
33	TX04DH231-1*	TAMU		33.7	53.6	14.7
34	TX04DH237-7*	TAMU		31.8	53.1	13.2
35	TX04DH237-15*	TAMU		31.7	56.3	13.8
LSD			8.5	13.5	2.9	0.7
CV			13.3	16.1	3.0	3.2
Mean			59.7	50.6	57.0	14.0

*Experimental breeding line

[†]Varieties ranked according to 2-year, then 2016 yield averages.

[‡]2-year average based on 2014 and 2016.



2016 Uniform Wheat Variety Trial: HRSW, Wharton, TX

Rank	Variety	Source	Yield	Test Wt	Protein
			(bu/a)	(lb/bu)	(%)
2016	2016	2016			
1	LCS Trigger	Limagrain	64.0	57.0	11.7
2	TX12M4688*	TAMU	61.7	52.3	11.4
3	TX12M4615*	TAMU	59.7	51.7	12.8
4	TX11D3039*	TAMU	58.8	55.1	12.3
5	TX11D3117*	TAMU	58.5	49.6	12.0
6	TX10D2265*	TAMU	58.4	55.0	12.1
7	TX12M4637*	TAMU	56.6	49.0	12.6
8	WB9518	Monsanto	56.5	54.6	14.9
9	TX04DH231-8*	TAMU	53.8	52.2	13.2
10	LCS Albany	Limagrain	52.4	53.9	12.0
11	Expresso	Monsanto	52.2	55.7	14.4
12	WB9229	Monsanto	52.0	55.7	14.4
13	LCS Prime	Limagrain	52.0	55.7	12.8
14	TX04DH231-6*	TAMU	51.8	51.7	12.9
15	LCS Nitro	Limagrain	51.5	48.4	12.3
16	TX11D3084*	TAMU	51.4	50.4	12.6
17	LCS Iguacu	Limagrain	50.0	55.0	12.0
18	Faller	NDSU	49.3	53.8	12.7
19	WB9411	Monsanto	48.0	57.8	13.3
20	Verde	UM/USDA	48.0	54.7	13.0
21	WB9377	Monsanto	46.7	56.6	13.7
22	TX11D3127*	TAMU	45.5	55.2	12.9
23	SY Goliad	Syngenta	43.1	54.8	12.9
24	WB Mayville	Monsanto	42.4	54.0	14.7
25	WB9112	Monsanto	41.2	55.1	13.9
26	TX04DH231-1*	TAMU	41.0	50.3	13.3
27	TX99U8544*	TAMU	40.9	56.5	11.9
28	Barlow	NDSU	40.8	50.3	14.8
29	TX04DH237-7*	TAMU	40.6	57.6	12.3
30	TX04DH237-15*	TAMU	40.4	51.1	13.3
31	TX12M4713*	TAMU	40.2	50.5	12.6
32	LCS Breakaway	Limagrain	38.1	56.3	14.1
33	WB9668	Monsanto	36.0	51.3	15.9
34	Elgin-ND	NDSU	34.5	50.1	14.2
35	TX04DH231-12*	TAMU	14.4	48.8	13.9
LSD			6.1	NS	0.7
CV			7.7	9.3	3.1
Mean			47.7	53.4	13.1

*Experimental breeding line



2016 Uniform Wheat Variety Trial: HRWW, Wharton, TX (vernalization issues)

Rank	Variety	Source	Yield (bu/a) [†]		Test Wt (lb/bu)	Protein (%)
			2-Year [‡]	2016 [§]		
1	Greer	Syngenta	46.4	49.7	54.0	13.4
2	WB Redhawk	Monsanto	45.4	38.7	56.9	12.7
3	TAM 401	TAMU	43.9	42.1	55.2	13.4
4	Fannin	Syngenta	37.8	33.7	55.0	14.5
5	WB 4458	Monsanto	37.2	33.2	55.4	13.2
6	Armour	Monsanto	36.7	25.5	49.8	14.5
7	TAM 204	TAMU	35.0	22.4	47.9	14.6
8	Billings	OSU	30.2	39.1	56.4	14.4
9	TAM 305	TAMU	27.9	22.3	49.5	14.4
10	SY Razor	Syngenta	20.7	3.6	--	15.0
11	Bentley	OSU		42.0	55.6	12.6
12	WB 4303 (HV9W10-1002)	Monsanto		36.1	54.4	13.5
13	TAM 304/305 Blend	TAMU		25.7	44.4	14.3
14	SY Drifter	Syngenta		20.4	48.2	15.3
15	WB 4515 (HV9W10-0458)	Monsanto		14.8	42.5	13.9
16	LCS Mint	Limagrain		9.9	43.5	13.5
17	CJ	Syngenta	0.0	--	--	--
18	Coronado	Syngenta	0.0	--	--	--
19	Doans	Syngenta	0.0	--	--	--
20	Doublestop CL	OSU	0.0	--	--	--
21	Duster	OSU	0.0	--	--	--
22	Gallagher	OSU	0.0	--	--	--
23	Iba	OSU	0.0	--	--	--
24	Jackpot	Syngenta	0.0	--	--	--
25	LCS Pistol	Limagrain	0.0	--	--	--
26	LCS Wizard	Limagrain	0.0	--	--	--
27	SY Grit (05BC041-10-10)	Syngenta	0.0	--	--	--
28	SY Llano	Syngenta	0.0	--	--	--
29	SY Southwind	Syngenta	0.0	--	--	--
30	T158	Limagrain	0.0	--	--	--
31	TAM 114	TAMU	0.0	--	--	--
32	TAM 304	TAMU	0.0	--	--	--
33	TAM 304 (Rancona)	TAMU	0.0	--	--	--
34	TAM 304 (Untreated)	TAMU	0.0	--	--	--
35	TAM W101	TAMU	0.0	--	--	--
36	WB Cedar @ 30 lb/a	Monsanto	0.0	--	--	--
37	WB Cedar @ 60 lb/a	Monsanto	0.0	--	--	--
38	WB Cedar @ 90 lb/a	Monsanto	0.0	--	--	--
39	WB Cedar @ 120 lb/a	Monsanto	0.0	--	--	--
40	WB Grainfield	Monsanto	0.0	--	--	--
LSD			6.9	8.6	2.3	1.4
CV			14.7	12.1	1.8	4.0
Mean			36.1	29.9	52.1	13.9

[†]Varieties ranked according to 2-year, then 2016 yield averages.

[‡]2-year average based on 2014 and 2016.

[§]Due to vernalization issues, statistics only apply to varieties yielding greater than 20 bu/a.



2016 Uniform Wheat Variety Trial: SRWW, Wharton, TX (vernalization issues)

Rank	Variety	Source	Yield	Test Wt	Protein
			(bu/a) [§] 2016	(lb/bu) 2016	(%) 2016
1	LA08115C-30*	LSU	47.7	53.2	11.6
2	AGS 2040	AgSouth Genetics	44.4	56.1	12.4
3	LA03200E-2*	LSU	42.2	57.6	13.1
4	TX-EL2*	TAMU	41.7	51.0	12.7
5	AGS 3000 (LA06146E-P4)	AgSouth Genetics	38.2	56.8	11.8
6	SY Cypress	Syngenta	37.7	55.1	12.0
7	AGS 2024	AgSouth Genetics	36.8	51.9	12.1
8	LA 754	Terral	34.8	50.0	13.0
9	TX12D4768*	TAMU	34.4	58.2	13.1
10	AGS 2035	AgSouth Genetics	32.7	52.4	11.2
11	AGS 2038	AgSouth Genetics	25.9	53.4	11.3
12	GA04434-12LE28*	Univ. Georgia	24.2	52.8	13.7
13	AR01040-4-1*	Univ. Arkansas	22.4	56.1	11.2
14	LA09011UB-2*	LSU	19.8	48.7	14.1
15	LA08090C-9-2*	LSU	14.8	50.2	13.4
16	AGS 2033 (GA03564-12E6)	Univ. Georgia	13.8	50.5	12.8
17	GA051102-13LE43*	Univ. Georgia	8.4	51.2	14.7
18	Coker 9553	Syngenta	8.0	55.5	14.9
19	GA061349-13LE29*	Univ. Georgia	4.0	47.1	16.2
20	USG 3201	UniSouth Genetics	3.1	--	15.1
21	AgriMAXX 444	AgriMAXX	0.0	--	--
22	AgriMAXX 446	AgriMAXX	0.0	--	--
23	AGS 2055 (ARGA11LE24)	Univ. Arkansas	0.0	--	--
24	Dyna-Gro 9012	Dyna-Gro Seeds	0.0	--	--
25	Dyna-Gro 9522	Dyna-Gro Seeds	0.0	--	--
26	Dyna-Gro 9591	Dyna-Gro Seeds	0.0	--	--
27	Dyna-Gro 9642	Dyna-Gro Seeds	0.0	--	--
28	GA061349-13LE31*	Univ. Georgia	0.0	--	--
29	GW 2056	Go-Wheat	0.0	--	--
30	GW 2058	Go-Wheat	0.0	--	--
31	Oakes	Syngenta	0.0	--	--
32	P25R40	Pioneer	0.0	--	--
33	P25R50	Pioneer	0.0	--	--
34	SY 007	Syngenta	0.0	--	--
35	SY Harrison	Syngenta	0.0	--	--
36	SY Viper	Syngenta	0.0	--	--
37	TV 8848	Terral	0.0	--	--
38	USG 3013	UniSouth Genetics	0.0	--	--
39	USG 3404	UniSouth Genetics	0.0	--	--
40	USG 3895	UniSouth Genetics	0.0	--	--
LSD			10.9	7.3	1.2
CV			16.0	7.2	4.7
Mean			31.9	53.2	12.9

*Experimental breeding line

[§]Due to vernalization issues, statistics only apply to varieties yielding greater than 10 bu/a.



2016-17 Wheat Variety Distributor List[§]

Variety	Class [†]	Seed Type [†]	Distributor	Address	Phone Number
AP503CL-2**	HRWW	R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
Byrd**	HRWW	C	Eastern Colorado Seeds, LLC.	P.O. Box 1448, Dumas	(844) 683-5868
Deliver**	HRWW	C	Farmers Ag Supply, LLC	Box 395, Spearman	(806) 659-5000
		R	Warner Seeds, Inc.	P.O. Box 1877, Hereford	(806) 364-4470
		R	Bayer & Sons, J.H.	3307 Fm. 2739, Muenster	(940) 759-2924
Doans**	HRWW	C	Farmers Co-Op Gin & Elevator	Box 1431, Vernon	(940) 552-6277
		R	Helena Chemical Company	3467 FM 984 N., Bardwell	(972) 646-5411
Doublestop CL Plus**	HRWW	C	Bezner Partnership	1183 Bezner Ln, Texline	(806) 333-2774
Dumas**	HRWW	C	Farmers Ag Supply, LLC	Box 395, Spearman	(806) 659-5000
		R	Igo & Igo Farms	209 Yucca Terrace, Plainview	(806) 889-3511
		C,R	Abilene Ag Service & Supply	303 South 14th St., Abilene	(325) 677-4371
Duster**	HRWW	R	Billy D Kittley JR DBA Kittley Seed	807 Sunny Ave., Rule	(940) 996-6089
		C,R	Holubec, David	135 PR 555, Melvin	(325) 286-4284
		C	Farmers Co-Op Gin & Elevator	Box 1431, Vernon	(940) 552-6277
Endurance**	HRWW	C,R	Louis Drefus Commodities LLC	444 FM 2006, Chillicothe	(940) 852-5118
		C	Farmers Co-Op Gin & Elevator	Box 1431, Vernon	(940) 552-6277
Fannin**	HRWW	C,R	Harvest Master Seed Co.	Rt. 1 Box 52M, Knippa	(830) 934-2775
		C	Muleshoe Ag Services	Box 381, Henrietta	(940) 529-6500
		C	Abilene Ag Service & Supply, Inc.	303 South 14th St., Abilene	(325) 677-4371
Gallagher**		C,R	Louis Drefus Commodities LLC	444 FM 2006, Chillicothe	(940) 852-5118
		C	Muleshoe Ag Services	Box 381, Henrietta	(940) 529-6500
		C,R	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628
		R	Abilene Ag Service & Supply, Inc.	303 South 14th St., Abilene	(325) 677-4371
Greer**	HRWW	C,R	Harvest Master Seed Co.	Rt. 1 Box 52M, Knippa	(830) 934-2775
		C	Seed-Tex	Box 203, New Castle	(940) 550-5888
Hatcher**	HRWW	C	Kimbrell Partners, LLC	Box 888, Sunray	(806) 922-3276
HG-9**	HRWW	C,F	Louis Drefus Commodities LLC	444 FM 2006, Chillicothe	(940) 852-5118
Iba**	HRWW	R	Eastern Colorado Seeds, LLC.	P.O. Box 1448, Dumas	(844) 683-5868
		C	Farmers Ag Supply, LLC	Box 395, Spearman	(806) 659-5000
Jackpot**	HRWW	C,R	Farmers Co-Op Gin & Elevator	Box 1431, Vernon	(940) 552-6277
		C,R	Louis Drefus Commodities LLC	444 FM 2006, Chillicothe	(940) 852-5118
LCS Mint**	HRWW	C,R	Eastern Colorado Seeds, LLC.	P.O. Box 1448, Dumas	(844) 683-5868
Longhorn**	HRWW	R	Igo & Igo Farms	209 Yucca Terrace, Plainview	(806) 889-3511
Overley**	HRWW	C,R	Louis Drefus Commodities LLC	444 FM 2006, Chillicothe	(940) 852-5118
Ruby Lee**	HRWW	C	Igo & Igo Farms	209 Yucca Terrace, Plainview	(806) 889-3511
Sturdy 2K**	HRWW	R	Abilene Ag Service & Supply, Inc.	303 South 14th St., Abilene	(325) 677-4371
SY Drifter	HRWW	R	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628
SY Llano**		C,R	Louis Drefus Commodities LLC	444 FM 2006, Chillicothe	(940) 852-5118
		R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
SY Monument**	HRWW	C,R	Eastern Colorado Seeds, LLC.	P.O. Box 1448, Dumas	(844) 683-5868
		C	Farnsworth Seed	Box 253, Farnsworth	(806) 435-4104
		R	Helena Chemical Company	3467 FM 984 N., Bardwell	(972) 646-5411
		C,R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
		R	Bayer & Sons, J.H.	3307 Fm. 2739, Muenster	(940) 759-2924
SY Razor**	HRWW	C,R	Eastern Colorado Seeds, LLC.	P.O. Box 1448, Dumas	(844) 683-5868
		C	Farmers Ag Supply, LLC	Box 395, Spearman	(806) 659-5000
		C	Ferti-Tex, LLC	1100 E Central Ave, Comanche	(325) 356-5460
		R	Helena Chemical Company	3467 FM 984 N., Bardwell	(972) 646-5411
		C	Muleshoe Ag Services	Box 381, Henrietta	(940) 529-6500
		C	Seed-Tex	Box 203, New Castle	(940) 550-5888
		C	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628

2016-17 Wheat Variety Distributor List CONTINUED

Variety	Class ^F	Seed Type ^T	Distributor	Address	Phone Number
SY Southwind**	HRWW	R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
		R	Helena Chemical Company	3467 FM 984 N., Bardwell	(972) 646-5411
SY Wolf**	HRWW	R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
T 158	HRWW	R	Eastern Colorado Seeds, LLC.	P.O. Box 1448, Dumas	(844) 683-5868
		R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
		C,R	Eastern Colorado Seeds, LLC.	P.O. Box 1448, Dumas	(844) 683-5868
		C	Farnsworth Seed	Box 253, Farnsworth	(806) 435-4104
TAM 111**	HRWW	C	Igo & Igo Farms	209 Yucca Terrace, Plainview	(806) 889-3511
		F	Texas Ag Exp Station	11914 Hwy. 70, Vernon	(940) 552-6226
		C	Ward Seed, Gayland	US Hwy. 60, Hereford	(806) 258-7394
		C	Watley Seed Company	Box 51, Spearman	(806) 659-3838
		C,R	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628
		C	Haiduk, Harry P.	6202 McCoy, Amarillo	(806) 674-7110
		C	Igo & Igo Farms	209 Yucca Terrace, Plainview	(806) 889-3511
TAM 112**	HRWW	C	Kirkland Seed, Inc.	Box 590, Vega	(806) 666-2670
		C,F	Texas Ag Exp Station	11914 Hwy. 70, Vernon	(940) 552-6226
		C	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628
TAM 113**	HRWW	C	Abilene Ag Service & Supply, Inc.	303 South 14th St., Abilene	(325) 677-4371
		F	Texas Ag Exp Station	11914 Hwy. 70, Vernon	(940) 552-6226
		R	Warner Seeds, Inc.	P.O. Box 1877, Hereford	(806) 364-4470
		C	Abilene Ag Service & Supply, Inc.	303 South 14th St., Abilene	(325) 677-4371
		C	Farmers Ag Supply, LLC	Box 395, Spearman	(806) 659-5000
		C	Holubec, David	135 PR 555, Melvin	(325) 286-4284
		C	Kimrell Partners, LLC	Box 888, Sunray	(806) 922-3276
TAM 114	HRWW	C	Scott Seed Co.	Box 1732, Hereford	(806) 364-3484
		F	Texas Ag Exp Station	11914 Hwy. 70, Vernon	(940) 552-6226
		C	Turner Seed Co., Bob	211 CR 151, Breckenridge	(800) 072-2861
		C,R	Warner Seeds, Inc.	P.O. Box 1877, Hereford	(806) 364-4470
		C	Watley Seed Company	Box 51, Spearman	(806) 659-3838
		C	Abilene Ag Service & Supply, Inc.	303 South 14th St., Abilene	(325) 677-4371
		C	Atkison Seed & Supply	Box 656, Comfort	(830) 995-2186
		C	Cen-Tex Seed & Delinting	1301 Old Hwy 77/81 S., Hillsboro	(254) 582-8314
		C	Farmers Co-Op Gin & Elevator	Box 1431, Vernon	(940) 552-6277
		C	Haiduk, Harry P.	6202 McCoy, Amarillo	(806) 674-7110
		C	Holubec, David	135 PR 555, Melvin	(325) 286-4284
TAM 204	HRWW	C	Kirkland Seed, Inc.	P.O. Box 590, Vega	(806) 666-2670
		C	Parker Farms	Box 749, Munday	(940) 422-4577
		C	Scott Seed Co.	Box 1732, Hereford	(806) 364-3484
		C	Turner Seed Co., Bob	211 CR 151, Breckenridge	(800) 072-2861
		C	Ward Seed, Gayland	US Hwy. 60, Hereford	(806) 258-7394
		C	Warner Seeds, Inc.	P.O. Box 1877, Hereford	(806) 364-4470
		R	Watley Seed Company	Box 51, Spearman	(806) 659-3838
		C	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628
		R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
TAM 304**	HRWW	C	Cen-Tex Seed & Delinting	1301 Old Hwy 77/81 S., Hillsboro	(254) 582-8314
		C,R	Scott Seed Co.	Box 1732, Hereford	(806) 364-3484
		F	Texas Ag Exp Station	11914 Hwy. 70, Vernon	(940) 552-6226
TAM 305**	HRWW	C	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
		C	Cen-Tex Seed & Delinting	1301 Old Hwy 77/81 S., Hillsboro	(254) 582-8314
		C	Scott Seed Co.	Box 1732, Hereford	(806) 364-3484
		F	Texas Ag Exp Station	11914 Hwy. 70, Vernon	(940) 552-6226

2016-17 Wheat Variety Distributor List CONTINUED

Variety	Class ^T	Seed Type ^T	Distributor	Address	Phone Number
TAM 401**		C,R	Bayer & Sons, J.H.	3307 Fm. 2739, Muenster	(940) 759-2924
		R	Helena Chemical Company	3467 FM 984 N., Bardwell	(972) 646-5411
		C	Kimrell Partners, LLC	Box 888, Sunray	(806) 922-3276
		C	Muleshoe Ag Services	Box 381, Henrietta	(940) 529-6500
		C,R	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628
WB4458**	HRWW	C	Cen-Tex Seed & Delinting	1301 Old Hwy 77/81 S., Hillsboro	(254) 582-8314
		C	Holubec, David	135 PR 555, Melvin	(325) 286-4284
		C	Kimrell Partners, LLC	Box 888, Sunray	(806) 922-3276
		C	Louis Drefus Commodities LLC	444 FM 2006, Chillicothe	(940) 852-5118
		R	Monsanto	P.O. Box 417, Dumas	(806) 935-5623
WB-Cedar**	HRWW	C	Parker Farms	Box 749, Munday	(940) 422-4577
		C	Steven Beakley	817 Bassinger Rd., Ennis	(214) 808-1910
		C	Atkison Seed & Supply	Box 656, Comfort	(830) 995-2186
		C	Cen-Tex Seed & Delinting	1301 Old Hwy 77/81 S., Hillsboro	(254) 582-8314
		C	Holubec, David	135 PR 555, Melvin	(325) 286-4284
WB-Grainfield**	HRWW	C	Kimrell Partners, LLC	Box 888, Sunray	(806) 922-3276
		R	Monsanto	P.O. Box 417, Dumas	(806) 935-5623
		C	Parker Farms	Box 749, Munday	(940) 422-4577
		C	Steven Beakley	817 Bassinger Rd., Ennis	(214) 808-1910
		C	Holubec, David	135 PR 555, Melvin	(325) 286-4284
Winterhawk*	HRWW	C	Kimrell Partners, LLC	Box 888, Sunray	(806) 922-3276
		R	Parker Farms	Box 749, Munday	(940) 422-4577
		C	Farmers Ag Supply, LLC	Box 395, Spearman	(806) 659-5000
		C	Kimrell Partners, LLC	Box 888, Sunray	(806) 922-3276
		C	Louis Drefus Commodities LLC	444 FM 2006, Chillicothe	(940) 852-5118
Expresso**	HRSW	C	Ward Seed, Gayland	US Hwy. 60, Hereford	(806) 258-7394
		C	Warner Seeds, Inc.	P.O. Box 1877, Hereford	(806) 354-4470
		C	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628
		F	Atkison Seed & Supply	Box 656, Comfort	(830) 995-2186
		F	Harvest Master Seed Co.	Rt. 1 Box 52M, Knippa	(830) 934-2775
SY Goliad**	HRSW	C	Pogue Agri Partners	Drawer 389, Kenedy	(830) 583-3456
		F	King Co., Douglass W.	Box 200320, San Antonio	(210) 661-4191
Verde**	HRSW	F	Atkison Seed & Supply	Box 656, Comfort	(830) 995-2186
WB9518*	HRSW	C,R	Bayer & Sons, J.H.	3307 Fm. 2739, Muenster	(940) 759-2924
Coker 9553**	SRWW	C			

[§] Information obtained from the 2016 Seed Directory

* This variety is protected by the United States Plant Variety Protection Act. Must have consent of owner for propagation.

** This variety is protected by Title V of the Federal Seed Act. Unauthorized Propagation Prohibited
Protected Variety - To Be Sold By Variety Name Only as a Class of Certified Seed – U.S.

^T HRWW = Hard Red Winter Wheat, SRWW = Soft Red Winter Wheat, HRSW = Hard Red Spring Wheat

^T C = Certified seed, R = Registered seed, F = Foundation seed

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JH Bayer
& Sons Inc



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