

2022

Texas Wheat Variety Trial Results



Varietytesting.tamu.edu

2022

Texas Wheat Uniform Variety Trials

varietytesting.tamu.edu/wheat

Texas A&M AgriLife Extension Service

Russ Garetson, Fernando Guillen-Portal, Jourdan Bell,
Calvin Trostle, Emi Kimura, Josh McGinty, Reagan
Noland, David Drake, Jonathan Ramirez

Texas A&M AgriLife Research

Amir Ibrahim, Jackie Rudd, Russell Sutton,
Ravindra Devkota, Jason Baker, Shannon Baker,
Geraldine Opena, Bryan Simoneaux, and Carla Naylor

Texas A&M – Commerce

Amy Braley

Table of Contents

Introduction	1
Texas Wheat Region Map	3
2022 Texas Wheat Region Overview	4
Texas 2022 Hard Winter Wheat Characteristics	5
Texas 2022 Soft Winter Wheat Characteristics.....	6
Texas 2022 Hard Spring Wheat Characteristics.....	7
High Plains Locations Details	8
High Plains Hard Red Winter Wheat 2022 Regional Summary	9
Bushland Irrigated Hard Red Winter Wheat Results	10
Dallhart Irrigated Hard Red Winter Wheat Results.....	11
Dumas Irrigated Hard Red Winter Wheat Results	12
Rolling Plains Locations Details	13
Blacklands Locations Details	14
Blacklands Hard Red Winter Wheat 2022 Regional Summary	15
Hillsboro Hard Red Winter Wheat Results	16
McGregor Hard Red Winter Wheat Results.....	17
Muenster Hard Red Winter Wheat Results	18
Prosper Hard Red Winter Wheat Results	19
Blacklands Soft Red Winter Wheat 2022 Regional Summary.....	20
Hillsboro Soft Red Winter Wheat Results.....	21
McGregor Soft Red Winter Wheat Results	22
Muenster Soft Red Winter Wheat Results.....	23
Prosper Soft Red Winter Wheat Results	24
South Texas Locations Details	25
2022 Wheat Seed Directory.....	26
Acknowledgements	28

This page intentionally left blank

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. We appreciate the cooperation from numerous Texas A&M AgriLife County Extension Agents, producers, universities, and private industry groups that contribute time, property, chemicals, and seed to conduct these field trials. Wheat market classes within these yield trials include Hard Red Winter Wheat (HRWW) and Soft Red Winter Wheat (SRWW).

During the 2021-22 wheat production season, Texas producers planted 5.4 million acres of wheat, harvested 1.3 million acres for grain, with an average yield of 28 bushels per acre. (National Agricultural Statistics Service, NASS).

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 and disease 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 2022-23 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.

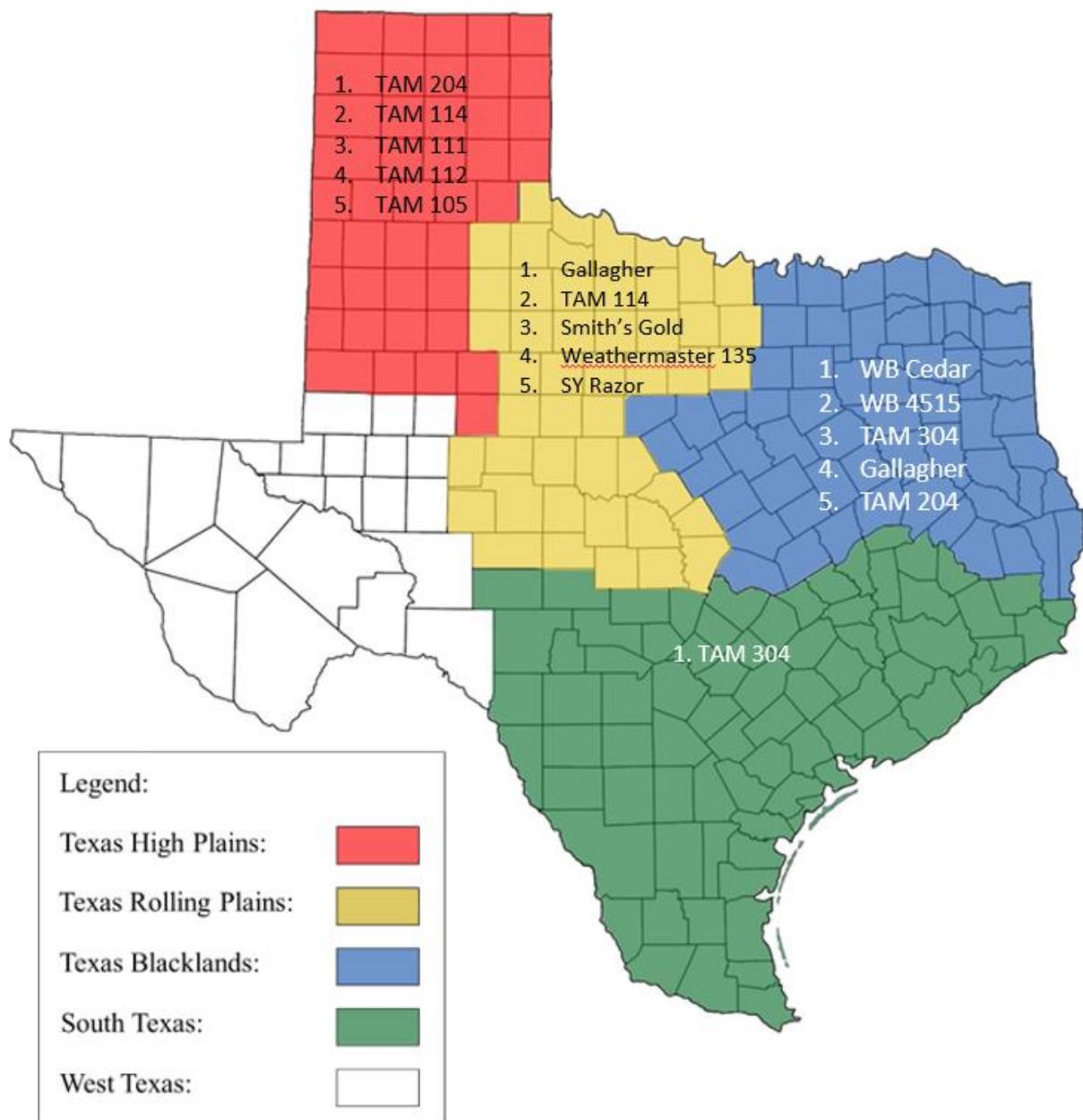
The mean is another term for the average. Therefore, a mean yield is the average of all plots within a trial. Individual variety yields can be compared to the mean yield to determine how these varieties performed within the trial (i.e., were they above or below average?). This average can also be used 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: 2022

Top 5 Planted Varieties by Region



Data retrieved from the USDA-NASS 2022 Texas Wheat Survey

2022 Texas Region Overview

Texas High Plains: Variable rainfall and expanding drought conditions in fall 2021 resulted in poor planting conditions across the Texas High Plains. Timely planted fields benefited from early October 2021 rainfall, but warm windy conditions quickly dried out fields. Fields dusted in later (late-October-November) had poor stands. There was minimal winter precipitation through the Texas High Plains resulting in another dry winter. The few, dry snowfall events provided little moisture, and as a result, much of the region received less than one inch of moisture from October through mid-April. Like the winters of 2020 and 2021, prolonged winter drought conditions resulted in many producers pulling cattle off dryland wheat pasture early due to a lack of forage.

Texas Rolling Plains: The wheat season was brutal to wheat growers in the Texas Rolling Plains. Fall precipitation was extremely limited, and negligible or no rainfall occurred after October. Much of the November- and December-planted wheat in the area had extremely poor and inconsistent emergence or did not emerge at all until February. Spring conditions were considerably warmer and drier than normal, further reducing yield potential. Forage production was drastically reduced or completely lost in the small grain pastures, while many dryland wheat fields were abandoned due to the severe drought condition. Virtually all dryland wheat failed out that was planted behind cotton. Increased incidents of spider mites were reported as the spider mites thrive in the hot and dry weather. There were reports of white heads in wheat, which resembled freeze injury. However, it was likely caused by the drought stress rather than the freeze injury. Based on the conversations had with wheat producers in the Texas Rolling Plains, 2021/2022 wheat season was equal to or worth than the 2011 drought.

Texas Blacklands: Variable conditions characterized the start of the growing season in the region. Adequate planting conditions were observed, with warmer than normal temperatures into January. The unprecedeted freezing temperatures observed in early 2022 delayed crop growth. Drought and Hessian Fly pressure limited yield potential. Harvest was delayed slightly due to wet weather.

South Texas: The 2021/2022 season started with above average temperatures for most of the region. The freezing temperature conditions observed in early 2022 affected the normal growth of wheat. Intensive drought and Hessian Fly pressure affected the crop in the region with a significant impact on yield performance.

Texas 2022 Hard Red Winter Wheat Characteristics¹

Variety	Company	First Year Sold	Maturity Group	Height (inches)	Leaf Rust	Stripe Rust	Stem Rust	Septoria Leaf Blotch	Tan Spot	Powdery Mildew	Wheat Streak Mosaic	Barley Yellow Dwarf	Green-bug	Hessian Fly
Baker's Ann	OSU	2018	Early*	Tall	MR*	R*	-	MR*	MR*	Intermediate	-	Intermediate	-	S*
Bob Dole	Syngenta	2018	Medium*	-	R*	MR*	MR*	-	-	MR*	S*	-	-	S*
CP7010	Croplan	2020	Medium*	-	R	S	-	-	-	-	-	-	-	-
CP7869	Croplan	2019	Med Late*	-	R	MR	R*	-	-	-	-	-	-	-
Gallagher	OSU	2013	Medium	31	S	R	MR	-	-	MR	-	-	-	R
Green Hammer	OSU	2018	-	-	R*	R*	-	-	-	-	-	-	-	MR*
Greer	Syngenta	2010	Medium	32	S	MR	R	-	-	S	-	-	-	MS
Iba	OSU	2013	Medium	32	MS	MR	R	-	-	MR	-	-	-	MS
LCS Chrome	Limagrain	2017	Med Late*	32	R*	R*	S*	-	-	-	MS*	R*	-	R*
LCS Mint	Limagrain	2012	Med Late	33	S	MR	R	-	-	MS	-	-	-	S
Lonerider	OSU	2017	Early*	-	MR*	MS*	-	-	-	S*	-	-	-	MS*
PlainsGold Canvas	PlainsGold	2018	Medium*	-	MS*	R*	R*	-	-	-	MR*	-	-	-
PlainsGold Guardian	CSU	2019	Medium	Medium	R	R	R	-	-	-	R	-	-	-
PlainsGold Langin	PlainsGold	2016	Early*	-	MR*	R*	-	-	-	-	MS*	-	-	-
Showdown	OSU	2018	-	-	MR*	MS*	-	-	-	-	-	MS*	-	R*
Spirit Rider	Unknown	2017	Intermediate	31	MR*			MR*	MR*	MR*	Intermediate	MS*	MS*	-
SY Flint	Syngenta	2015	Med Early*	31	S	MR*	R*	-	-	MS*	MS*	MS*	-	-
SY Grit	Syngenta	2016	Medium*	31	S	R	R	-	-	MS	-	-	-	-
SY Monument	Syngenta	2015	Med Late*	31	MR	MR	-	-	-	MS	-	MR	-	-
SY Rugged	Syngenta	2017	Med Early*	29	MS	R*	-	-	-	-	-	-	-	MS
T158	Limagrain	2009	Medium	30	MS	MR	MS	-	-	MR	MS	-	-	S
TAM 111	Syngenta	2003	Medium	32	S	S	R	MR	MR	MR	MS	MS	S	MS
TAM 112	Watley Seed	2005	Med Early	30	S	S	R	MR	MR	R	MR	MS	R	S
TAM 113	Adaptive Genetics	2012	Medium	32	R	R	R	-	-	MS	MS	-	-	S
TAM 114	Adaptive Genetics	2014	Medium	32	MR	R	R	-	-	MR	MS	-	S	S*
TAM 115	Watley Seed	2019	Late	-	R	R	R	-	-	R	MR	-	R	-
TAM 204**	Watley Seed	2014	Medium	32	S	MR	R	-	-	MR	MR	-	R	R
TAM 205	Adaptive Genetics	2019	Late	-	R	R	R	-	-	-	R	-	-	-
TAM 304	Scott Seed	2007	Med Early	30	MR	MS	R	-	MS	MR	MS	MS	S	R
TAM 401**	Syngenta	2008	Early	32	MS	R	R	-	-	MR	MS	-	S	MS
TAM W-101	TAMU	1971	Med Late	31	MS	MS	R	-	-	S	-	-	-	S
WB 4269	WestBred	2016	Med Early*	-	MS	MR*	-	-	-	-	-	-	-	S
WB 4303	WestBred	2016	Medium*	-	S	MS	-	-	-	S	-	-	-	-
WB 4418	WestBred	2015	Med Late	-	S	MS	-	-	-	-	-	-	-	-
WB 4515	WestBred	2016	Med Early*	-	S	MR	MR	-	-	MR	-	-	-	S
WB 4595	WestBred	2019	Medium	28	-	MR	R	-	MS	S	-	MR	-	-
WB4699	WestBred	2018	Med Late*	-	MR*	MR*	-	-	MR*	R*	MS*	MR*	-	MS*
WB 4792	WestBred	2018	Med Late*	-	R*	MR*	-	-	MS*	S*	MS*	MR*	-	MR*
WB Cedar	WestBred	2011	Early	26	S	MR	R	-	-	MR	-	-	-	S*
Weathermaster 135**	Unknown	Unknown	Medium	27	MR	MS	S	-	-	MS	-	-	-	-
Winterhawk	WestBred	2007	Medium	32	MS	MR	S	-	-	MS	-	-	-	S

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

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

*Indicates rating NOT necessarily observed in Texas trials, but from other sources.

**Awnless.

Texas 2022 Soft red Winter Wheat Characteristics¹

Variety	Company	First Year Sold	Maturity Group	Leaf Rust	Stripe Rust	Awned/Awnless	Hessian Fly
#Fury	Progeny	--	Medium	R	R*	Awnless	MS
#Turbo	Progeny	--	Medium	R	R	Awnless	--
AgriMAXX 481	AgriMAXX	--	Early	MR*	MR*	Awned	--
AgriMAXX 492	AgriMAXX	--	Medium	--	--	Awned	--
AGS 2024	AgSouth Genetics	2015	Early	R	MR	Awned	MS
AGS 2038	AgSouth Genetics	2012	Medium Late	R	R	Awned	MS
AGS 2055	AgSouth Genetics	2016	Medium	R	R	Awned	R
AGS 2040	AgSouth Genetics	--	Early	R*	R*	Awned	--
AGS 3000	AgSouth Genetics	2016	Early	MR	R	Awned	R
AGS 3015	AgSouth Genetics	--	Early	--	--	Awned	--
AGS 3040	AgSouth Genetics	--	Medium	--	--	Tip-Awned	--
Blackland 1812	Blackland Seeds	2018	Medium Late	--	--	Awned	--
Blackland 1825	Blackland Seeds	--	Late	--	MS	Awned	--
Blackland 1881	Blackland Seeds	2018	Medium	MR	--	Awned	--
Blackland 1885	Blackland Seeds	2018	Medium Late	R	--	Awned	--
Dyna-Gro 9002	Dyna-Gro Seeds	--	Medium Late	--	--	--	--
Dyna-Gro 9701	Dyna-Gro Seeds	--	Medium Early	R*	R*	Awned	MR
Dyna-Gro 9811	Dyna-Gro Seeds	--	Medium Early	R*	R*	Awned	--
Dyna-Gro Blanton	Dyna-Gro Seeds	--	Early	--	--	Awned	--
Dyna-Gro Plantation	Dyna-Gro Seeds	--	Early	--	--	Awned	--
Dyna-Gro Riverland	Dyna-Gro Seeds	--	Early	--	--	Awned	--
Dyna-Gro Runtledge	Dyna-Gro Seeds	--	Early	--	--	Awned	--
Dyna-Gro Savoy	Dyna-Gro Seeds	--	Early	R	R	Awnless	R
Dyna-Gro TV8861	Dyna-Gro Seeds	--	Medium Late	S	R*	Awned	--
Go Wheat 6000	Stratton Seed Co.	2019	Medium	MR	R	Awned	MR
Go Wheat LA754	Stratton Seed Co.	--	Early	R	MS	--	--
GoWheat 2032	Stratton Seed Co.	--	Medium Early	R	--	Awned	R
GoWheat LA754	Stratton Seed Co.	--	Early	R	--	Awned	MS
Pioneer 25R40	Corteva	--	Late	S	MR	Awned	MS
USG 3118	UniSouth Genetics	--	Early	R*	MR*	Awned	--
USG 3120	UniSouth Genetics	2010	Early	R	MS	Awned	R
USG 3329	UniSouth Genetics	--	Medium Late	R	MS	Awned	--
USG 3458	UniSouth Genetics	2017	Medium	MR*	R*	Awnless	--
USG 3536	UniSouth Genetics	2016	Medium Late	MR	R	Awned	MR
USG 3539	UniSouth Genetics	--	Late	MR*	MR*	Awned	--
USG 3640	UniSouth Genetics	--	Medium	R*	MR*	Awned	--
USG 3895	UniSouth Genetics	2015	Medium Late	R	R	Awned	S
WB 2418	WestBred	2018	Medium Late	R	R	Tip-Awned	--
WB2606 brand	WestBred	2019	Late	--	--	Awned	--

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

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

*Indicates rating NOT necessarily observed in Texas trials, but from other sources.

Texas 2022 Hard Red Spring Wheat Characteristics¹

Variety	Source	First Year Sold	Maturity Group	Height (inches)	Leaf Rust	Stripe Rust	Awned/Awnless
Expresso	WestBred	2007	Med Early	28	MR	R	Awned
LCS Trigger	Limagrain	2016	Med Early	30	R	MS	Awned
TAM 801	TAMU	--	Med Late	26	R	R	Awned
WB 9350	WestBred	2018	Med Early	--	MR*	R*	Awned
WB 9411	WestBred	2015	Early	27	MS	MR	Awned
WB 9518	WestBred	2015	Early	26	MR	R	Awned
WB 9662	WestBred	--	Med Early	25	MD	R*	Awned
WB 9668	WestBred	--	Med Early	24	MS	R*	Awned

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

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

*Indicates ratings NOT necessarily observed in Texas trials, but from other sources.

Texas Locations Agronomic Data

High Plains: 2022

Location¹	Cooperator(s)	Yield limiting issues	Planting date	Fertilizer (Total lb N/ac)	Water*	Seeding Rate
Bushland Dryland	Texas A&M AgriLife Research and Extension Center	ABANDONED Drought, Fusarium Root Rot, Russian Wheat Aphids	10/6/2021	None	D	600K Seeds/ac
Bushland Irrigated	Texas A&M AgriLife Research and Extension Center	Russian Wheat Aphids, Barley Yellow Dwarf, Hail (May 8, 2022)	10/18/2021	80	IF	1.1M Seeds/ac
Bovina	James Sides	DATA NOT SHOWN, Drought	11/6/2021	N/A	D	600K Seeds/ac
Dalhart	3B Farms	Late Emergence, Low Tillering	11/12/2021	N/A	IL	1.1M Seeds/ac
Dumas	Reznik Farms	Late Emergence, Drought	10/11/2021	N/A	IL	1.1M Seeds/ac
Groom	James Weinheimer	ABANDONED Drought	10/22/2021	N/A	D	600K Seeds/ac
Lubbock	Texas A&M AgriLife Research and Extension Center	ABANDONED Drought	11/15/2021	N/A	D	600K Seeds/ac
Nazareth	Clay Cogburn	ABANDONED Poor establishment	11/12/2021	N/A	D	600K Seeds/ac
Perryton	Ramon Vera	ABANDONDED Drought and Hail	11/13/2021	N/A	D	600K Seeds/ac
Silverton	Gary Weak	ABANDONDED Drought	10/8/2021	N/A	D	600K Seeds/ac

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

¹All locations conventionally tilled.



2022 Uniform Wheat Variety Trial: HRWW, High Plains Irrigated Regional Summary

	Variety	Source	Yield (bu/a)			Test Wt (lb/bu)	
			AVG	Bushland	Dalhart		
1	CP7017AX	Croplan	69.96	63.74	48.43	97.70	58.37
2	LCS Helix AX	Limagrain	68.03	59.67	45.43	99.00	59.12
3	LCS Steel AX	Limagrain	67.87	68.57	41.17	93.87	57.21
4	Canvas	CSU	66.42	62.40	42.37	94.50	59.37
5	Monarch	CSU	65.17	63.37	39.17	92.97	57.32
6	CP7909	Croplan	63.57	58.47	49.07	83.17	57.67
7	WB4792	Westbred	63.52	63.90	41.40	85.27	59.15
8	TAM 114	Adaptive Genetics	63.07	59.86	41.47	87.90	60.16
9	LCS Atomic AX	Limagrain	62.51	55.34	48.10	84.10	58.65
10	CP7869	Croplan	62.23	60.83	39.20	86.67	58.66
11	TX14A001035	TAMU	61.91	55.70	42.67	87.37	59.31
12	CP1200045#142	Syngenta	61.29	48.80	44.00	91.07	58.72
13	WB4422	Westbred	61.18	54.03	40.97	88.53	.
14	SY Wolverine	Syngenta	60.44	46.40	42.47	92.47	58.72
15	Showdown	OSU	60.27	54.07	38.90	87.83	58.02
16	OK Corral	OSU	60.13	59.90	38.70	81.80	55.71
17	Crescent AX	CSU	59.68	51.87	44.27	82.90	59.11
18	TAM 112	Watley Seeds	59.57	47.90	45.10	85.70	58.95
19	TX16M9216	TAMU	59.36	46.83	40.70	90.53	58.21
20	TX14M7061	TAMU	59.10	54.07	39.17	84.07	57.95
21	AP Roadrunner	Syngenta	59.00	58.17	36.47	82.37	.
22	TX14V70214	TAMU	58.80	60.81	38.07	77.53	57.01
23	TAM 115	Watley Seeds	58.55	49.66	42.53	83.47	58.61
24	Breakthrough	OSU	58.47	50.87	39.43	85.10	59.09
25	Lonerider	OSU	57.92	52.63	37.83	83.30	58.50
26	Bakers Ann	OSU	56.58	42.93	49.23	77.57	60.48
27	CP7010	Croplan	56.57	54.89	40.87	73.97	57.91
28	TAM 113	Adaptive Genetics	54.56	53.90	36.40	73.37	.
29	Ray	CSU	54.52	46.20	44.36	73.00	.
30	CPX72166AX	Croplan	54.36	43.90	44.02	75.17	57.42
31	TAM 204	Watley Seeds	54.07	48.07	36.63	77.50	54.88
32	TAM 205	Adaptive Genetics	54.02	49.57	40.03	72.47	59.91
33	TX14A001249	TAMU	53.01	48.53	40.20	70.30	58.45
34	AP EverRock	Syngenta	52.32	41.77	41.77	73.43	57.38
35	TAM W101	TAMU	50.06	38.77	32.07	79.33	.
36	TX15M8024	TAMU	48.56	40.37	37.87	67.43	57.08
CV			9.4	8.8	14.2	8.4	1.6
LSD (0.05)			5.3	2.8	2.7	3.4	1
Mean			59.4	53.4	39.2	83.5	58.3



2022 Uniform Wheat Variety Trial: HRWW, Bushland, TX (Irrigated)

	Variety	Source	Yield (bu/a)			Test Wt (lb/bu)	
			4YR	3YR	2YR	2022	2022
1	WB4792	Westbred	96.49	93.62	91.49	63.90	60.57
2	SY Wolverine	Syngenta	86.96	80.16	77.01	46.40	60.20
3	TAM 113	Adaptive Genetics	86.15	83.24	82.86	53.90	60.90
4	TAM 114	Adaptive Genetics	85.30	79.36	80.58	59.86	61.67
5	Showdown	OSU	81.76	74.63	81.97	54.07	60.22
6	TAM 112	Watley Seeds	81.59	76.94	73.38	47.90	59.80
7	Lonerider	OSU	80.37	74.30	73.58	52.63	60.13
8	TAM204	Watley Seeds	78.35	73.33	70.69	48.07	55.03
9	TAM W101	TAMU	64.50	56.83	53.43	38.77	59.23
10	TX14M7061	TAMU		85.82	81.39	54.07	59.93
11	TX14A001035	TAMU		85.48	80.28	55.70	60.47
12	CP7017AX	Croplan		84.71	83.08	63.74	60.83
13	TX14V70214	TAMU		77.99	79.27	60.81	58.42
14	TAM 115	Watley Seeds		77.10	77.16	49.66	59.67
15	TAM 205	Adaptive Genetics		75.88	75.93	49.57	60.43
16	Bakers Ann	OSU		65.68	62.59	42.93	62.33
17	AP Roadrunner	Syngenta		81.89	58.17	58.17	59.07
18	Canvas	CSU		80.30	62.40	59.90	59.93
19	OK Corral	OSU		80.10	59.90	57.70	
20	Crescent AX	CSU		77.38	51.87	60.44	
21	AP EverRock	Syngenta		72.49	41.77	58.41	
22	TX15M8024	TAMU		69.91	40.37	57.13	
23	TX16M9216	TAMU		69.35	46.83	59.31	
24	TX14A001249	TAMU		67.65	48.53	59.30	
25	LCS Steel AX	Limagrain			68.57	59.17	
26	Monarch	CSU			63.37	59.17	
27	CP7869	Croplan			60.83	58.00	
28	LCS Helix AX	Limagrain			59.67	60.57	
29	CP7909	Croplan			58.47	58.61	
30	LCS Atomic AX	Limagrain			55.34	60.14	
31	CP7010	Croplan			54.89	60.49	
32	WB4422	Westbred			54.03	59.93	
33	Breakthrough	OSU			50.87	60.00	
34	CP1200045#142	Syngenta			48.80	60.69	
35	Ray	CSU			46.20	46.69	
36	CPX72166AX	Croplan			43.90	61.17	
CV			6.36	7.05	6.88	8.80	1.40
LSD (0.05)			4.31	5.26	6.14	2.80	0.50
Mean			82.39	77.82	75.99	53.40	59.30



2022 Uniform Wheat Variety Trial: HRWW, Dalhart, TX (Irrigated)

	Variety	Source	Yield (bu/a)			Test Wt (lb/bu)	
			4YR	3YR	2YR	2022	2022
1	TAM 204	Watley Seeds	77.94	77.77	53.84	36.63	53.44
2	TAM 112	Watley Seeds	77.59	77.85	57.37	45.10	54.52
3	TAM 114	Adaptive Genetics	77.27	78.38	55.89	41.47	58.39
4	TAM 113	Adaptive Genetics	74.33	73.68	48.60	36.40	56.34
5	TAMW101	TAMU	66.80	65.91	43.85	32.07	56.69
6	Showdown	OSU		81.10	55.44	38.90	.
7	WB4792	Westbred		79.96	55.22	41.40	57.54
8	Lonerider	OSU		75.24	51.31	37.83	54.72
9	CP7017AX	Croplan			63.75	48.43	55.85
10	Crescent AX	CSU			60.58	44.27	58.02
11	Bakers Ann	OSU			58.23	49.23	57.22
12	AP EverRock	Syngenta			57.34	41.77	55.59
13	Canvas	CSU			57.14	42.37	56.14
14	OK Corral	OSU			57.07	38.70	51.82
15	TX14M7061	TAMU			56.52	39.17	53.95
16	TX14A001035	TAMU			56.35	42.67	56.22
17	TX15M8024	TAMU			56.26	37.87	55.65
18	TX14V70214	TAMU			55.37	38.07	56.02
19	TX14A001249	TAMU			54.67	40.20	55.29
20	SY Wolverine	Syngenta			53.97	42.47	55.85
21	TX16M9216	TAMU			52.08	40.70	.
22	AP Roadrunner	Syngenta			51.06	36.47	58.37
23	TAM 115	Watley Seeds			50.22	42.53	55.85
24	TAM 205	Adaptive Genetics			48.81	40.03	57.45
25	CP7909	Croplan				49.07	55.99
26	LCS Atomic AX	Limagrain				48.10	57.47
27	LCS Helix AX	Limagrain				45.43	57.57
28	Ray	CSU				44.36	.
29	CPX72166AX	Croplan				44.02	58.02
30	CP1200045#142	Syngenta				44.00	54.52
31	LCS Steel AX	Limagrain				41.17	54.54
32	WB4422	Westbred				40.97	.
33	CP7010	Croplan				40.87	55.70
34	Breakthrough	OSU				39.43	.
35	CP7869	Croplan				39.20	56.19
36	Monarch	CSU				39.17	53.72
CV			13.46	13.18	12.6	14.20	1.70
LSD (0.05)			8.8	10.07	8.12	2.70	0.70
Mean			74.79	76.24	54.62	39.2	56.2



2022 Uniform Wheat Variety Trial: HRWW, Dumas, TX (Irrigated)

	Variety	Source	Yield (bu/a)			Test Wt (lb/bu)	
			4YR	3YR	2YR	2022	2022
1	TAM 114	Adaptive Genetics	83.71	81.72	70.08	87.90	60.43
2	WB4792	Westbred	82.95	79.49	71.66	85.27	59.33
3	SY Wolverine	Syngenta	78.91	76.64	69.00	92.47	59.33
4	Showdown	OSU	76.66	72.30	69.28	87.83	60.10
5	Lonerider	OSU	74.78	73.24	67.25	83.30	60.63
6	TAM 112	Watley Seeds	74.14	72.90	71.09	85.70	60.70
7	TAM 204	Watley Seeds	73.08	71.36	62.35	77.50	56.17
8	TAM 113	Adaptive Genetics	71.93	68.13	63.33	73.37	58.97
9	TAM W101	TAMU	71.34	70.27	59.76	79.33	59.33
10	CP7017AX	Croplan		85.10	77.54	97.70	59.30
11	TAM205	Adaptive Genetics		80.39	73.61	72.47	61.83
12	TAM115	Watley Seeds		76.87	75.39	83.47	60.31
13	TX14A001035	TAMU		76.80	68.03	87.37	60.77
14	TX14M7061	TAMU		76.08	69.26	84.07	58.63
15	Bakers Ann	OSU		74.03	65.81	77.57	60.73
16	TX14V70214	TAMU		69.13	56.99	77.53	58.67
17	Canvas	CSU			78.81	94.50	60.10
18	Crescent AX	CSU			73.56	82.90	58.87
19	AP Roadrunner	Syngenta			67.18	82.37	57.57
20	OK Corral	OSU			64.24	81.80	57.61
21	TX16M9216	TAMU			60.17	90.53	59.67
22	AP EverRock	Syngenta			60.08	73.43	58.13
23	TX14A001249	TAMU			55.93	70.30	59.83
24	TX15M8024	TAMU			54.63	67.43	58.10
25	LCS Helix AX	Limagrain				99.00	59.21
26	LCS Steel AX	Limagrain				93.87	57.93
27	Monarch	CSU				92.97	59.07
28	CP1200045#142	Syngenta				91.07	58.53
29	WB4422	Westbred				88.53	60.20
30	CP7869	Croplan				86.67	58.83
31	Breakthrough	OSU				85.10	60.03
32	LCS Atomic AX	Limagrain				84.10	58.33
33	CP7909	Croplan				83.17	57.67
34	CPX72166AX	Croplan				75.17	58.93
35	CP7010	Croplan				73.97	58.93
36	Ray	CSU				73.00	53.33
CV			13.46	13.18	12.6	8.4	1.8
LSD (0.05)			8.81	10.07	8.12	3.4	0.5
Mean			76.39	75.28	66.88	83.5	59

Texas Locations Agronomic Data

Rolling Plains: 2022

Location¹	Cooperator(s)	Yield limiting issues	Planting date	Fertilizer (Total lb N/ac)	Seeding Rate	Pesticide applied (date)
Abilene	Gary Cross	ABANDONED Drought	11/18/2021	--	650K Seed/ac	--
Brady	Lance Hellberg	ABANDONED Drought	11/19/2021	--	650K Seed/ac	--
Chillicothe	Chillicothe Research Station	DATA NOT SHOWN Drought	11/29/2021	52	650K Seed/ac	--
Munday	Mike Urbanzck	ABANDONED Drought	12/1/2021	--	650K Seed/ac	--
San Angelo	Cory Book	DATA NOT SHOWN Drought	12/7/2021	64	650K Seed/ac	Axial Bold, MCPA, Propiconazole

¹All locations were planted to 7" row spacing and were conventionally tilled EXCEPT for Munday and San Angelo, no-tilled.

Texas Locations Agronomic Data

Blacklands: 2022

Location	Cooperator(s)	Yield limiting issues	Planting date	Fertilizer (Total lb N/ac)	Seeding Rate	Pesticide applied (date)
Ennis	Bob and Steve Beakley	ABANDONED. Bird damage	10/10/2021	120	68 lbs/ac (SRWW) 750K Seed/ac (HRWW)	None
Hillsboro	P&M Farms	Hessian fly	11/10/2021	110	68 lbs/ac (SRWW) 750K Seed/ac (HRWW)	None
McGregor	Texas A&M Agrilife Research Farm	Hessian fly	11/9/2021	130	68 lbs/ac (SRWW) 750K Seed/ac (HRWW)	Metribuzin (12/14/2021)
Muenster	John Cororan	Leaf rust	10/22/2021	100	68 lbs/ac (SRWW) 750K Seed/ac (HRWW)	Amber/ Metribuzin (2/25/2021)
Greenville	Texas A&M University - Commerce	DATA NOT SHOWN Drought	11/6/2020	110	68 lbs/ac (SRWW) 750K Seed/ac (HRWW)	Amber/ Metribuzin (2/25/2021)
Thrall	Stiles Foundation Research Farm	ABANDONED. Bird damage	12/2/2021	90	68 lbs/ac (SRWW) 750K Seed/ac (HRWW)	Ally/Amber (2/9/2021)

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

*Seed numbers were not available for soft wheat lines.



2022 Uniform Wheat Variety Trial: HRWW, Blacklands Regional Summary

Variety	Source	Yield (bu/ac)				Test Wt (lb/bu)	
		AVG	Hillsboro	McGregor	Muenster	Prosper	2022
1 Bob Dole	Syngenta	63.48	55.93	44.33	81.23	72.40	58.54
2 WB4418	Westbred	62.43	57.07	48.48	72.43	71.73	58.42
3 TX15M8024	TAMU	61.54	49.00	49.55	81.53	66.07	58.17
4 TX16M9216	TAMU	61.53	57.47	50.80	66.33	71.50	59.38
5 AP Roadrunner	Syngenta	61.35	48.57	47.98	77.60	71.27	57.03
6 Big Country	OSU	61.11	48.73	45.30	81.43	68.97	57.88
7 TAM 304	Scott Seed	60.60	44.70	41.70	81.23	74.77	56.08
8 WB4523	Westbred	60.31	55.00	45.78	70.80	69.67	56.43
9 TX14V70214	TAMU	59.23	48.63	42.67	77.80	67.80	58.23
10 WB4699	Westbred	57.08	44.47	41.45	72.97	69.43	56.32
11 TX14A001249	TAMU	55.49	41.10	34.60	75.80	70.47	58.10
12 TX14A001035	TAMU	55.10	39.57	32.62	81.80	66.40	59.69
13 TX14M7061	TAMU	53.60	44.53	37.22	67.03	65.63	57.05
14 CP1200045#142	Syngenta	52.83	30.30	32.68	71.87	76.47	56.60
15 TAM W101	TAMU	48.64	33.97	31.12	68.80	60.67	56.43
CV		7.60	8.80	9.30	7.10	5.00	2.60
LSD (0.05)		3.00	6.80	4.50	8.90	5.80	1.10
Mean		58.29	46.60	41.75	75.24	69.55	57.62



2022 Uniform Wheat Variety Trial: HRWW, Hillsboro, TX

Variety	Source	Yield (bu/a)			Test Wt (lb/bu)	
		4YR	3YR	2YR	2022	2022
1 Bob Dole	Syngenta	56.44	53.1	50.35	51.17	55.00
2 WB4418	Westbred	51.41	49.13	46.47	52.27	54.13
3 WB4699	Westbred	50.16	41.84	31.14	40.7	50.73
4 TAM 304	Scott Seed	48.5	42.28	34.98	40.93	49.33
5 TAM W101	TAMU	36.66	33.13	26.46	31.1	48.80
6 TX14A001035	TAMU		48.36	40.75	36.23	54.83
7 TX15M8024	TAMU		47.76	41.38	44.87	54.47
8 TX14V70214	TAMU		46.59	37.4	44.5	51.93
9 TX14M7061	TAMU		45.11	39.37	40.8	52.70
10 TX16M9216	TAMU			47.29	52.63	54.83
11 AP Roadrunner	Syngenta			40.27	44.47	51.17
12 TX14A001249	TAMU			36.59	37.63	51.27
13 WB4523	Westbred				50.37	50.37
14 Big Country	OSU				44.57	50.10
15 CP1200045#142	Syngenta				27.77	48.00
CV		9.21	8.8	8.73	8.79	5.70
LSD (0.05)		4.45	3.88	3.57	6.85	4.83
Mean		48.63	45.26	39.37	42.67	51.84



2022 Uniform Wheat Variety Trial: HRWW, McGregor, TX

Variety	Source	Yield (bu/a)			Test Wt (lb/bu)	
		4YR	3YR	2YR	2022	2022
1 Bob Dole	Syngenta	47.37	45.51	36.33	44.33	56.95
2 WB 4699	Westbred	46.39	42.63	31.82	41.45	54.42
3 WB 4418	Westbred	42.76	43.55	36.36	48.48	58.08
4 TAM 304	Scott Seed	39.76	41.2	34.66	41.7	54.97
5 TAM W101	TAMU	32.99	37.46	26.69	31.12	55.60
6 TX15M8024	TAMU		43.86	38.19	49.55	56.63
7 TX14V70214	TAMU		42.51	34.36	42.67	57.87
8 TX14M7061	TAMU		41.62	31.62	37.22	56.02
9 TX14A001035	TAMU		41.55	30.01	32.62	58.50
10 TX16M9216	TAMU			39.93	50.8	59.38
11 AP Roadrunner	Syngenta			39.2	47.98	55.02
12 TX14A001249	TAMU			29.31	34.6	57.23
13 WB 4523	Westbred				45.78	56.38
14 Big County	OSU				45.3	57.47
15 CP1200045#142	Syngenta				32.68	55.62
CV		9.62	9.73	9.05	9.33	1.99
LSD (0.05)		2.96	3.32	3.11	4.49	1.30
Mean		41.85	42.21	34.04	41.75	56.68



2022 Uniform Wheat Variety Trial: HRWW, Muenster, TX

Variety	Source	Yield (bu/a)		Test Wt (lb/bu)	
		3YR*	2YR**	2022	2022
1 TAM 304	Scott Seed	60.18	71.52	81.23	59.90
2 TAM W101	TAMU	50.19	64.58	68.80	60.53
3 WB4418	Westbred		67.14	72.43	60.57
4 TX14A001035	TAMU			81.80	63.20
5 TX15M8024	TAMU			81.53	61.13
6 Big Country	OSU			81.43	61.63
7 Bob Dole	Syngenta			81.23	61.03
8 TX14V70214	TAMU			77.80	61.90
9 AP Roadrunner	Syngenta			77.60	61.33
10 TX14A001249	TAMU			75.80	61.67
11 WB4699	Westbred			72.97	59.67
12 CP1200045#142	Syngenta			71.87	61.13
13 WB4523	Westbred			70.80	59.33
14 TX14M7061	TAMU			67.03	59.60
15 TX16M9216	TAMU			66.33	60.93
CV		17.69	15.65	7.10	0.57
LSD (0.05)		11.26	14.12	8.93	0.59
Mean		55.19	67.75	75.24	60.9

*3-year average based on 2017, 2018, and 2022 data.

**2-year average based on 2018 and 2022 data.



2022 Uniform Wheat Variety Trial: HRWW, Prosper, TX

Variety	Source	Yield (bu/a)			Test Wt (lb/bu)	
		4YR*	3YR**	2YR	2022	2022
1 TAM 304	Scott Seed	59.06	51.57	56.40	74.77	60.10
2 WB4418	Westbred	56.60	48.87	50.97	71.73	60.90
3 TAM W101	TAMU	47.47	39.89	39.02	60.67	60.77
4 Bob Dole	Syngenta		63.32	61.22	72.40	61.17
5 WB4699	Westbred		56.39	53.19	69.43	60.47
6 TX16M9216	TAMU			62.21	71.50	62.37
7 AP Roadrunner	Syngenta			61.12	71.27	60.60
8 TX14A001035	TAMU			56.57	66.40	62.23
9 TX14M7061	TAMU			54.70	65.63	59.90
10 TX15M8024	TAMU			54.24	66.07	60.43
11 TX14V70214	TAMU			53.83	67.80	61.23
12 TX14A001249	TAMU			52.03	70.47	62.23
13 CP1200045#142	Syngenta				76.47	61.63
14 WB4523	Westbred				69.67	59.63
15 Big Country	OSU				68.97	62.30
CV		8.6	12.98	11.92	5.02	0.86
LSD (0.05)		4.07	6.57	7.58	5.84	0.88
Mean		54.38	52.01	54.62	69.55	61.06

*4-year average based on 2018, 2019, 2021, and 2022 data.

**3-year average based on 2019, 2021, and 2022 data.

2022 Uniform Wheat Variety Trial: SRWW, Blacklands Regional Summary

Variety	Source	Yield (bu/a)					Test Wt (lb/bu)
		AVG	Hillsboro	McGregor	Muenster	Prosper	
1 AGS 3022	AGS Seeds	73.04	72.93	68.00	81.57	69.67	59.60
2 TX17D2337	SunGrains- Texas A&M AgriLife	69.58	58.13	64.40	76.93	78.87	59.00
3 Dyna-Gro_9393	Dyna-Gro	67.98	63.70	54.07	78.60	75.57	57.00
4 TX16DDH579	SunGrains- Texas A&M AgriLife	67.36	60.43	65.03	75.10	68.87	59.50
5 AR09137UC-17-2	SunGrains- University of Arkansas	66.37	63.90	55.50	75.53	70.53	58.10
6 Blackland 2167 EXP	Blackland Seeds	66.28	63.23	53.47	72.63	75.80	56.80
7 Dyna-Gro 9120	Dyna-Gro	65.75	57.10	53.90	78.23	73.77	58.40
8 GA 151313-LDH224-19E38	SunGrains- University of Georgia	64.79	61.37	50.57	86.17	61.07	58.70
9 Dyna-Gro 9002	Dyna-Gro	64.46	59.20	51.23	76.00	71.40	57.10
10 GA 111055-19LE12	SunGrains- University of Georgia	64.20	51.60	53.83	80.30	71.07	57.50
11 Dyna-Gro_9172	Dyna-Gro	64.13	61.77	53.23	74.50	67.00	57.70
12 USG 3472	Uni-South Genetics	64.10	58.40	52.60	76.07	69.33	57.90
13 Delta Grow 1200	Delta Grow	64.06	49.83	49.23	86.60	70.57	56.70
14 PROGENY #BUSTER	Progeny	63.01	55.23	53.37	72.67	70.77	58.30
15 GW 6000	Stratton Seed	62.92	63.93	53.50	74.60	59.63	58.10
16 Blackland 2034	Blackland Seeds	62.60	62.30	47.30	69.63	71.17	57.60
17 GA 11052-19LE15	SunGrains- University of Georgia	62.54	54.03	50.20	72.83	73.10	58.00
18 GANC 12642-19LE16F	SunGrains- University of Georgia	62.48	48.60	47.37	85.30	68.63	58.50
19 AGS 2055	Stratton Seed	62.38	61.97	56.50	68.90	62.13	57.30
20 FL16045LDH-25	SunGrains- University of Florida	61.87	50.23	54.90	79.30	63.03	59.60
21 Delta Grow 3500	Delta Grow	61.21	60.30	62.73	63.07	58.73	59.10
22 WB2606	WestBred	60.79	50.20	47.93	81.10	63.93	57.20
23 TX18D3212	SunGrains- Texas A&M AgriLife	60.65	49.67	52.30	71.67	68.97	57.50
24 GW 2032	Stratton Seed	60.50	58.97	57.77	71.63	53.63	59.00
25 Dyna-Gro 9811	Dyna-Gro	60.35	51.63	49.27	71.57	68.93	57.70
26 Delta Grow 1800	Delta Grow	60.08	52.40	48.40	74.43	65.07	59.00
27 Dyna-Gro WX20738	Dyna-Gro	59.98	54.40	48.17	74.60	62.77	57.10
28 Blackland 1812	Blackland Seeds	59.50	51.23	49.83	70.20	66.73	57.20
29 Dyna-Gro 9701	Dyna-Gro	58.93	57.67	45.77	70.63	61.63	57.20
30 AgriMAXX 492	AgriMAXX	58.31	37.87	39.27	86.10	70.00	51.40
31 GW LA754	Stratton Seed	56.70	45.53	44.40	75.63	61.23	57.50
32 USG 3329	Uni-South Genetics	56.23	35.90	35.90	86.97	66.17	56.30
33 USG 3895	Uni-South Genetics	56.05	37.10	31.93	83.50	71.67	56.10
34 PROGENY 19-12	Progeny	55.87	40.23	40.63	68.93	73.67	56.60
35 AgriMAXX 514	AgriMAXX	55.78	41.57	40.63	69.23	71.67	56.40
36 LA15203-LDH112	SunGrains- LSU	55.58	54.03	33.70	71.17	63.43	58.00
37 PROGENY #CHAD	Progeny	55.36	43.20	39.27	66.40	72.57	56.90
38 Blackland 1828	Blackland Seeds	54.76	36.53	39.63	71.37	71.50	56.80
39 AR11051-15-3	SunGrains- University of Arkansas	54.45	46.50	39.47	71.63	60.20	58.30
40 LA15203-LDH274	SunGrains- LSU	54.05	45.73	45.10	77.47	47.90	58.70
41 FL15105-LDH039	SunGrains- University of Florida	53.48	55.00	51.90	72.93	34.07	59.50
42 LA12275LDH-56	SunGrains- LSU	53.26	40.33	32.53	76.83	63.33	58.10
43 LA13154D-WN1	SunGrains- LSU	52.91	41.53	41.67	74.03	54.40	57.30
44 GA 121012-19LE8	SunGrains - University of Georgia	50.50	38.37	42.50	60.53	60.60	58.20
45 AgriMAXX_503	AgriMAXX	49.30	27.73	21.13	81.20	67.13	56.00
46 GA 151254-LDH071-19E32	SunGrains - University of Georgia	49.21	32.90	31.60	69.20	63.13	57.20
47 FL16009LDH-16	SunGrains- University of Florida	47.17	36.63	38.57	71.50	41.97	55.50
48 USG 3352	Uni-South Genetics	45.32	27.83	28.57	69.97	54.90	55.90
CV		10.90	9.50	10.30	12.70	8.50	5.30
LSD (0.05)		5.20	7.80	7.90	15.40	9.00	2.80
Mean		59.50	50.60	47.27	74.90	65.25	57.56

2022 Uniform Wheat Variety Trial: SRWW, Hillsboro, TX

Variety	Source	Yield (bu/a)			
		4YR	3YR	2YR	2022
1 Go Wheat 6000	Stratton Seed	68.17	64.82	61.51	55.00
2 AGS 2055	Stratton Seed	64.28	59.90	57.71	58.97
3 USG 3895	Uni-South Genetics	62.32	56.08	48.55	27.83
4 Go Wheat 2032	Stratton Seed	61.63	58.44	51.05	55.23
5 Go Wheat LA754	Stratton Seed	56.88	52.05	47.19	54.40
6 TX16DDH579	SunGrains- Texas A&M AgriLife		58.48	55.39	45.73
7 Dyna-Gro 9811	Dyna-Gro		54.66	52.36	57.10
8 Dyna-Gro 9002	Dyna-Gro		54.11	53.02	46.50
9 AgriMAXX 492	AgriMAXX		51.97	44.91	61.97
10 Blackland 1812	Blackland Seeds		51.18	50.13	51.63
11 USG 3329	Uni-South Genetics		46.00	40.13	38.37
12 AR09137UC-17-2	SunGrains- University of Arkansas			60.62	37.87
13 TX17D2337	SunGrains- Texas A&M AgriLife			56.68	43.20
14 USG 3472	Uni-South Genetics			56.57	32.90
15 Dyna-Gro 9120	Dyna-Gro			50.36	63.90
16 LA12275LDH-56	SunGrains- LSU			48.76	54.03
17 WB2606	WestBred			46.79	27.73
18 LA13154D-WN1	SunGrains- LSU			46.22	54.03
19 AgriMAXX 514	AgriMAXX			45.50	60.43
20 AR11051-15-3	SunGrains- University of Arkansas			45.34	63.93
21 Blackland 1828	Blackland Seeds			44.37	51.23
22 FL16009LDH-16	SunGrains- University of Florida				72.93
23 FL16045LDH-25	SunGrains- University of Florida				63.70
24 GA 11052-19LE15	SunGrains- University of Georgia				63.23
25 GA 111055-19LE12	SunGrains- University of Georgia				62.30
26 GA 121012-19LE8	SunGrains- University of Georgia				61.77
27 GA 151254-LDH071-19E32	SunGrains- University of Georgia				61.37
28 GA 151313-LDH224-19E38	SunGrains- University of Georgia				60.30
29 Blackland 2167 EXP	Blackland Seeds				59.20
30 Dyna-Gro 9393	Dyna-Gro				58.40
31 Delta Grow 3500	Delta Grow				58.13
32 GANC 12642-19LE16F	SunGrains- University of Georgia				57.67
33 LA15203-LDH112	SunGrains- LSU				52.40
34 LA15203-LDH274	SunGrains- LSU				51.60
35 Dyna-Gro 9172	Dyna-Gro				50.50
36 AGS 3022	AGS Seeds				50.23
37 Progeny 19-12	Progeny				49.83
38 Progeny Buster	Progeny				49.67
39 Progeny Chad	Progeny				48.60
40 Blackland 2034	Blackland Seeds				45.53
41 Dyna-Gro WX20738	Dyna-Gro				41.57
42 Dyna-Gro 9701	Dyna-Gro				41.53
43 Delta Grow 1800	Delta Grow				40.33
44 TX18D3212	SunGrains- Texas A&M AgriLife				40.23
45 AgriMAXX 503	AgriMAXX				37.10
46 USG 3352	Uni-South Genetics				36.63
47 FL15105-LDH039	SunGrains- University of Florida				36.53
48 Delta Grow 1200	Delta Grow				35.90
CV		7.69	8.27	9.15	9.50
LSD (0.05)		4.01	4.31	5.32	7.80
Mean		55.23	56.79	55.57	50.61

2022 Uniform Wheat Variety Trial: SRWW, McGregor, TX

Variety	Source	Yield (bu/a)				Test Wt (lb/bu)	
		4YR	3YR	2YR	2022	2022	
1 AGS 2055	Stratton Seed	61.55	57.48	51.87	56.5	55.87	
2 Go Wheat 2032	Stratton Seed	61.08	56.74	53.62	57.77	58.23	
3 USG 3895	Uni-South Genetics	57.87	51.56	44.52	31.93	51.53	
4 Go Wheat 6000	Stratton Seed	57.31	56.85	53.13	53.5	56.53	
5 Go Wheat LA754	Stratton Seed	46.64	45.40	41.23	44.4	56.40	
6 TX16DDH579	SunGrains- Texas A&M AgriLife		66.96	62.30	65.03	59.27	
7 Dyna-Gro 9811	Dyna-Gro		58.85	55.97	49.27	57.03	
8 Dyna-Gro 9002	Dyna-Gro		57.57	50.90	51.23	54.53	
9 AgriMAXX 492	AgriMAXX		54.09	44.90	39.27	55.73	
10 Blackland 1812	Blackland Seeds		53.24	48.70	49.83	53.60	
11 USG 3329	Uni-South Genetics		49.61	45.18	35.9	52.50	
12 TX17D2337	SunGrains- Texas A&M AgriLife			69.38	64.4	58.80	
13 Dyna-Gro 9120	Dyna-Gro			58.47	53.9	57.53	
14 AR09137UC-17-2	SunGrains- University of Arkansas			55.82	55.5	57.97	
15 USG 3472	Uni-South Genetics			54.50	52.6	56.60	
16 WB 2606	WestBred			54.32	47.93	54.57	
17 Blackland 1828	Blackland Seeds			49.78	39.63	54.10	
18 Agri-MAXX 514	AgriMAXX			48.50	40.63	53.37	
19 LA13154D-WN1	SunGrains- LSU			42.53	41.67	54.53	
20 AR11051-15-3	SunGrains- University of Arkansas			41.33	39.47	57.37	
21 LA12275LDH-56	SunGrains- LSU			37.17	32.53	54.67	
22 AGS 3022	AGS Seeds				68	58.50	
23 Delta Grow 3500	Delta Grow				62.73	58.73	
24 FL16045LDH-25	SunGrains- University of Florida				54.9	59.17	
25 Dyna-Gro 9393	Dyna-Gro				54.07	54.30	
26 GA111055-19LE12	SunGrains- University of Georgia				53.83	57.97	
27 Blackland 2167 EXP	Blackland Seeds				53.47	53.57	
28 Progeny Buster	Progeny				53.37	54.77	
29 Dyna-Gro 9172	Dyna-Gro				53.23	57.30	
30 TX18D3212	SunGrains- Texas A&M AgriLife				52.3	56.87	
31 FL15105-LDH039	SunGrains- University of Florida				51.9	59.33	
32 GA 151313-LDH224-19E38	SunGrains- University of Georgia				50.57	53.87	
33 GA 11052-19LE15	SunGrains- University of Georgia				50.2	55.03	
34 Delta Grow 1200	Delta Grow				49.23	52.40	
35 Delta Grow 1800	Delta Grow				48.4	57.87	
36 Dyna-Gro WX20738	Dyna-Gro				48.17	54.70	
37 GANC 12642-19LE16F	SunGrains- University of Georgia				47.37	57.67	
38 Blackland 2034	Blackland Seeds				47.3	55.83	
39 Dyna-Gro 9701	Dyna-Gro				45.77	53.57	
40 LA15203-LDH274	SunGrains- LSU				45.1	57.43	
41 GA 121012-19LE8	SunGrains- University of Georgia				42.5	56.00	
42 Progeny 19-12	Progeny				40.63	56.57	
43 Progeny Chad	Progeny				39.27	53.93	
44 FL16009LDH-16	SunGrains- University of Florida				38.57	50.83	
45 LA15203-LDH112	SunGrains- LSU				33.7	56.43	
46 GA 151254-LDH071-19E32	SunGrains- University of Georgia				31.6	56.23	
47 USG 3352	Uni-South Genetics				28.57	50.60	
48 AgriMAXX 503	AgriMAXX				21.13	50.80	
CV		14.2	13.7	14.02	10.3	2.10	
LSD (0.05)		6.72	7.15	8.16	7.9	1.90	
Mean		56.37	57.04	55.75	47.27	55.65	

2022 Uniform Wheat Variety Trial: SRWW, Muenster, TX

Variety	Source	Yield (bu/a)		Test Wt (lb/bu)	
		3YR*	2YR**	2022	2022
1 AGS 2055	Stratton Seed	69.29	78.27	68.90	58.40
2 USG 3895	Uni-South Genetics	66.32	77.97	83.50	58.83
3 GW 6000	Stratton Seed	62.47	78.25	74.60	58.07
4 GW 2032	Stratton Seed		75.47	71.63	58.37
5 GW LA754	Stratton Seed		73.32	75.63	57.57
6 USG 3329	Uni-South Genetics			86.97	58.47
7 Delta Grow 1200	Delta Grow			86.60	59.40
8 GA 151313-LDH224-19E38	SunGrains- University of Georgia			86.17	58.27
9 AgriMAXX 492	AgriMAXX			86.10	58.53
10 GANC 12642-19LE16F	SunGrains- University of Georgia			85.30	58.13
11 AGS 3022	AGS Seeds			81.57	59.30
12 AgriMAXX 503	AgriMAXX			81.20	57.77
13 WB2606	WestBred			81.10	56.90
14 GA 111055-19LE12	SunGrains- University of Georgia			80.30	58.03
15 FL16045LDH-25	SunGrains- University of Florida			79.30	58.40
16 Dyna-Gro 9393	Dyna-Gro			78.60	58.00
17 Dyna-Gro 9120	Dyna-Gro			78.23	57.33
18 LA15203-LDH274	SunGrains- LSU			77.47	58.13
19 TX17D2337	SunGrains- Texas A&M AgriLife			76.93	57.90
20 LA12275LDH-56	SunGrains- LSU			76.83	58.83
21 USG 3472	Uni-South Genetics			76.07	58.60
22 Dyna-Gro_9002	Dyna-Gro			76.00	58.50
23 AR09137UC-17-2	SunGrains- University of Arkansas			75.53	58.10
24 TX16DDH579	SunGrains- Texas A&M AgriLife			75.10	57.73
25 Dyna-Gro WX20738	Dyna-Gro			74.60	58.23
26 Dyna-Gro 9172	Dyna-Gro			74.50	57.30
27 Delta Grow 1800	Delta Grow			74.43	58.33
28 LA13154D-WN1	SunGrains- LSU			74.03	57.83
29 FL15105-LDH039	SunGrains- University of Florida			72.93	58.30
30 GA 11052-19LE15	SunGrains- University of Georgia			72.83	59.27
31 PROGENY #BUSTER	Progeny			72.67	58.00
32 Blackland 2167 EXP	Blackland Seeds			72.63	58.43
33 TX18D3212	SunGrains- Texas A&M AgriLife			71.67	56.97
34 AR11051-15-3	SunGrains- University of Arkansas			71.63	57.83
35 Dyna-Gro 9811	Dyna-Gro			71.57	58.23
36 FL16009LDH-16	SunGrains- University of Florida			71.50	58.83
37 Blackland 1828	Blackland Seeds			71.37	58.00
38 LA15203-LDH112	SunGrains- LSU			71.17	58.57
39 Dyna-Gro 9701	Dyna-Gro			70.63	59.73
40 Blackland 1812	Blackland Seeds			70.20	59.03
41 USG 3352	Uni-South Genetics			69.97	59.00
42 Blackland 2034	Blackland Seeds			69.63	58.00
43 AgriMAXX 514	AgriMAXX			69.23	57.83
44 GA 151254-LDH071-19E32	SunGrains- University of Georgia			69.20	58.07
45 PROGENY 19-12	Progeny			68.93	57.87
46 PROGENY #CHAD	Progeny			66.40	58.00
47 Delta Grow 3500	Delta Grow			63.07	58.43
48 GA 121012-19LE8	SunGrains- University of Georgia			60.53	59.10
CV		12.39	10.35	12.70	2.20
LSD (0.05)		8.4	9.71	15.40	2.10
Mean		66.03	76.65	74.9	58.7

*3YR based on 2017, 2018, and 2022

**2YR based on 2018 and 2022

2022 Uniform Wheat Variety Trial: SRWW, Prosper, TX

Variety	Source	Yield (bu/a)				Test Wt (lb/bu)
		4YR*	3YR**	2YR	2022	
1 USG 3895	Uni-South Gentic	73.88	65.55	68.80	71.67	57.83
2 GW 6000	Stratton Seed	71.07	63.67	64.57	59.63	59.73
3 AGS 2055	Stratton Seed	69.42	63.20	63.05	62.13	57.73
4 GW LA754	Stratton Seed	67.35	60.96	59.85	61.23	58.67
5 GW 2032	Stratton Seed	66.76	58.16	53.60	53.63	60.37
6 TX17D2337	SunGrains- Texas A&M AgriLife			75.48	78.87	60.37
7 Blackland 1828	Blackland Seeds			67.56	71.50	58.27
8 Dyna-Gro 9811	Dyna-Gro			67.46	68.93	57.90
9 AgriMAXX 514	AgriMAXX			67.29	71.67	58.10
10 AR09137UC-17-2	SunGrains- University of Arkansas			67.24	70.53	58.17
11 AgriMAXX 492	AgriMAXX			66.77	70.00	39.80
12 Dyna-Gro 9120	Dyna-Gro			65.44	73.77	60.40
13 LA12275LDH-56	SunGrains- LSU			65.36	63.33	60.70
14 Dyna-Gro 9002	Dyna-Gro			65.00	71.40	58.33
15 USG 3472	Uni-South Gentic			64.75	69.33	58.63
16 USG 3329	Uni-South Gentic			64.05	66.17	58.03
17 Blackland 1812	Blackland Seeds			63.80	66.73	59.00
18 TX16DDH579	SunGrains- Texas A&M AgriLife			62.86	68.87	61.47
19 AR11051-15-3	SunGrains- University of Arkansas			62.19	60.20	59.73
20 WB2606	WestBred			61.45	63.93	60.20
21 LA13154D-WN1	SunGrains- LSU			56.03	54.40	59.47
22 Blackland 2167 EXP	Blackland Seeds				75.80	58.50
23 Dyna-Gro 9393	Dyna-Gro				75.57	58.73
24 PROGENY 19-12	Progeny				73.67	57.90
25 GA 11052-19LE15	SunGrains- University of Georgia				73.10	59.73
26 PROGENY #CHAD	Progeny				72.57	57.97
27 Blackland 2034	Blackland Seeds				71.17	58.83
28 GA 111055-19LE12	SunGrains- University of Georgia				71.07	58.50
29 PROGENY #BUSTER	Progeny				70.77	60.20
30 Delta Grow 1200	Delta Grow				70.57	58.37
31 AGS 3022	AGS Seeds				69.67	60.93
32 TX18D3212	SunGrains- Texas A&M AgriLife				68.97	58.57
33 GANC 12642-19LE16F	SunGrains- University of Georgia				68.63	59.77
34 AgriMAXX 503	AgriMAXX				67.13	59.33
35 Dyna-Gro 9172	Dyna-Gro				67.00	58.57
36 Delta Grow 1800	Delta Grow				65.07	60.73
37 LA15203-LDH112	SunGrains -LSU				63.43	58.87
38 GA 151254-LDH071-19E32	SunGrains- University of Georgia				63.13	59.60
39 FL16045LDH-25	SunGrains- University of Florida				63.03	61.37
40 Dyna-Gro WX20738	Dyna-Gro				62.77	58.23
41 Dyna-Gro 9701	Dyna-Gro				61.63	58.17
42 GA 151313-LDH224-19E38	SunGrains- University of Georgia				61.07	59.87
43 GA 121012-19LE8	SunGrains- University of Georgia				60.60	59.40
44 Delta Grow 3500	Delta Grow				58.73	60.07
45 USG 3352	Uni-South Gentic				54.90	58.23
46 LA15203-LDH274	SunGrains- LSU				47.90	60.53
47 FL16009LDH-16	SunGrains- University of Florida				41.97	56.97
48 FL15105-LDH039	SunGrains- University of Florida				34.07	61.00
CV		8.75	8.7	10.68	8.50	8.50
LSD (0.05)		5.07	5.28	7.9	9.00	8.10
Mean		69.7	62.31	64.41	65.25	58.79

*4YR based on 2018, 2019, 2021, and 2022

**3YR based on 2019, 2021, and 2022

Texas Locations Agronomic Data

South Texas: 2022

Location¹	Cooperator(s)	Yield limiting issues	Planting date	Fertilizer (Total lb N/ac)	Water*	Pesticide applied (date)
Castroville	Rolling Mangold	ABANDONED. Planting errors	11/16/2021	50	IL	N/A
College Station	Texas A&M University Research Farm	DATA NOT SHOWN. Early freeze and drought	10/29/2021	90	D	Metribuzin (12/8/2021)
Uvalde	Texas A&M AgriLife Research and Extension Center	ABANDONED	11/15/2021	0	IL	N/A

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

*Irrigation: IL = Irrigated Limited, D = Dryland

2022-2023 Wheat Variety Distributor List.

Variety	Class	Seed type	Distributor	Address	Phone Number
Avery ²	HRWW	C	Eastern Colorado Seeds, LLC.	P.O. Box 1448, Dumas, TX 79029	(844) 683-5868
Coker 9553 ²	SRWW	C	Clinton Bayer & Son's LLC	3307 FM 2739, Muenster, TX	(940) 759-2924
		C	Browning Seed, Inc.	3101 S. IH 27, Box 1, Plainview, TX 79072	(806) 293-5271
		C	Farmers Ag Supply LLC	Box 395, Spearman, TX 79081	(806) 659-5000
Deliver ²	HRWW	C	Ward Seed, Gayland	US Hwy 60, Hereford, TX 79045	(806) 258-7394
		C	Wards Seeds, Inc.	P.O. Box 1877, Hereford, TX 79045	(806) 364-4470
Expresso	HRSW	C,R	Atkison Seed & Supply	Box 656, Comfort, TX 78013	(830) 995-2186
Fannin ²	HRWW	C	Farmers Co-op Gin & Elevator	1901 Ackerly St., Vernon, TX	(940) 552-6277
Gallagher ²	HRWW	C,R	Harvest Master Seed Co.	Rt. 1 Box 52M, Knippa	(830) 934-2775
		C,R	Holubec, David	135 PR 555, Melvon, TX 76585	(325) 286-4284
Greer ²	HRWW	C	Abilene Ag Service & Supply, Inc.	303 South 14th St., Abilene	(325) 677-4371
HG-9 ²	HRWW	F	Louis Dreyfus Commodities LLC	444 FM 2006, Chillicothe	(940) 852-5118
Iba ²	HRWW	C,R	Bezner Partnership	1183 Bezner Lane, Texline	(806) 333-2774
		C	Farmers Ag Supply, LLC	Box 395, Spearman, TX 79081	(806) 659-5000
LCS Chrome	HRWW	C,R	Holubec, David	135 PR 555, Melvin, TX 76585	(325) 286-4284
		R	Abilene Ag Service & Supply, Inc.	303 South 14th St., Abilene	(325) 677-4371
LCS Mint ²	HRWW	R	Eastern Colorado Seeds, LLC.	P.O. Box 1448, Dumas, TX 79029	(844) 683-5868
LCS Trigger	HRSW	C,F	King Co., Douglass W.	Box 200320, San Antonio, TX 78220	(210) 661-4191
Lonerider	HRWW	C	Blaise Wilde	PO Box 179, Wall, TX	(325) 656-2997
Long Branch	HRWW	C	Loveland Products, inc./ Dyna-Gro	-	-
Longhorn ²	HRWW	R	Loveland Products, inc./ Dyna-Gro	-	-
Pete ²	HRWW	R	Browning Seed, INC	3101 S. IH 27, Box 1, Plainview, TX 79072	(806) 293-5271
		C	Blaise Wilde	PO Box 179, Wall, TX	(325) 656-2997
		C,R	Harvest Master Seed Co.	Rt. 1 Box 52M, Knippa	(830) 934-2775
Smiths Gold	HRWW	C,R	Holubec, David	135 PR 555, Melvin, TX 76585	(325) 286-4284
		C	Farmers Co-op Gin & Elevator	Box 1431, Vernon, TX 76385	(940) 552-6277
		C,R	Louis Dreyfus Commodities LLC	444 FM 2006, Chillicothe	(940) 852-5118
SY Achieve CL2 ²	HRWW	R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
SY Drifter ²	HRWW	C,R	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628
SY Flint ²	HRWW	R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
		C	Holubec, David	135 PR 555, Melvin, TX 76585	(325) 286-4284
SY Grit ²	HRWW	R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
		C,R	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628
SY Monument ²	HRWW	C	Farmers Co-op Gin & Elevator	Box 1431, Vernon, TX 76385	(940) 552-6277
		C	Farnsworth Seed	Box 253, Farnsworth, TX 79033	(806) 435-4104
		R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
SY Razor ²	HRWW	R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
		C,R	Clinton Bayer & Son's LLC	3307 FM 2739, Muenster, TX	(940) 759-2924
		C	Ferti-Tex, LLC	1100 E. Central, Comanche, TX 76442	(325) 356-5460
		C	Kimbrell Partners, LLC	PO Box 888, Sunray, TX 79086	(806) 922-3276
		C,R	Loveland Products, inc./ Dyna-Gro	-	-
		C	Muleshoe Ag Services	Box 381, Henrietta, TX 76365	(940) 529-6500
		C	Ward Seed, Gayland	US Hwy. 60, Hereford, TX 79045	(806) 258-7394
		C,R	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628
SY Rugged ²	HRWW	R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
		C,R	Clinton Bayer & Son's LLC	3307 FM 2739, Muenster, TX	(940) 759-2924
		C	Muleshoe Ag Services	Box 381, Henrietta, TX 76365	(940) 529-6500
SY Southwind ²	HRWW	R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
SY Sunrise ²	HRWW	R	3-B Farms	2009 Ute Trail, Dalhart	(806) 377-6176
SY Viper ²	HRWW	C	Clinton Bayer & Son's LLC	3307 FM 2739, Muenster, TX	(940) 736-3039
T158	HRWW	R	Eastern Colorado Seeds, LLC.	P.O. Box 1448, Dumas, TX 79029	(844) 683-5868
TAM 111 ²	HRWW	C	Ward Seed, Gayland	US Hwy. 60, Hereford, TX 79045	(806) 258-7394
		C	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628

2022-2023 Wheat Variety Distributor List CONTINUED.

TAM 112 ²	HRWW	C,R C C	Watley Seed Company Kirkland Seed, inc. Ward Seed, Gayland	Box 51, Spearman, TX 79081 PO Box 590, Vega, TX 79092 US Hwy. 60, Hereford, TX 79045	(806) 659-3838 (806) 666-2670 (806) 258-7394
TAM 114 ²	HRWW	C C,R C C C,R C	Abilene Ag Service & Supply, Inc. Big N Fertilier Farmers Ag Supply, LLC Justin Seed Co., Inc. Kimbrell Partners, LLC Muleshoe Ag Services Scott Seed Co. Seed-Tex Turner Seed Co., Bob Warner Seeds, Inc. Watley Seed Company	303 South 14th St., Abilene PO Box 393, Tulia, TX 79088 Box 395, Spearman, TX 79081 Box 6, Justin, TX 76247 PO Box 888, Sunray, TX 79086 Box 381, Henrietta, TX 76365 Box 1732, Hereford, TX 79045 Box 203, New Castle, TX 76372 211 CR 151, Breckenridge, TX 76424 P.O. Box 1877, Hereford, TX 79045 Box 51, Spearman, TX 79081	(325) 677-4371 (806) 627-7878 (806) 659-5000 (940) 648-2751 (806) 922-3276 (940) 529-6500 (806) 364-3484 (940) 550-5888 (800) 722-8616 (806) 364-4470 (806) 659-3838
TAM 204 ²	HRWW	C C F C C C,R	Abilene Ag Service & Supply, Inc. Cen-Tex Seed & Delinting Haiduk, Harry P. Holubec, David Kirkland Seed, inc. Parker Farms Scott Seed Co. Texas Ag Exp Station Ward Seed, Gayland Warner Seeds, Inc. Watley Seed Company	303 South 14th St., Abilene 1301 Old 77/81 S., Hillsboro, TX 76645 6202 McCoy, Amarillo, TX 79109 135 PR 555, Melvin, TX 76585 PO Box 590, Vega, TX 79092 Box 749, Munday, TX 76371 Box 1732, Hereford, TX 79045 11914 Hwy. 70, Vernon, TX 76384 US Hwy. 60, Hereford, TX 79045 P.O. Box 1877, Hereford, TX 79045 Box 51, Spearman, TX 79081	(325) 677-4371 (254) 582-8314 (806) 674-7110 (325) 286-4284 (806) 666-2670 (940) 422-4577 (806) 364-3484 (940) 552-6226 (806) 258-7394 (806) 364-4470 (806) 659-3838
TAM 304 ²	HRWW	C F	Scott Seed Co. Texas Ag Exp Station	Box 1732, Hereford, TX 79045 11914 Hwy. 70, Vernon, TX 76384	(806) 364-3484 (940) 552-6226
TAM 401 ²	HRWW	C	West Gaines Seed, Inc.	Box 1020, Seminole	(432) 758-3628
TAMSP 801	HRSW	F	King Co., Douglass W.	Box 200320, San Antonio, TX 78220	(210) 661-4191
Underwood ²	HRWW	C	Loveland Products, inc./ Dyna-Gro	-	-
WB 4303	HRWW	F	Monsanto	11613 N I-27 Hwy, Lubbock, TX 79403	(806) 724-3500
WB 4418	HRWW	C C	Holubec, David Louis Dreyfus Commodities LLC	135 PR 555, Melvin, TX 76585 444 FM 2006, Chillicothe	(325) 286-4284 (940) 852-5118
WB 4458 ²	HRWW	C C	Steven Beakley Abilene Ag Service & Supply, Inc.	817 Basinger Rd., Ennis, TX 75119 303 South 14th St., Abilene	(214) 808-1910 (325) 677-4371
WB 4515	HRWW	C F C	Holubec, David Monsanto Parker Farms	135 PR 555, Melvin, TX 76585 11613 N I-27 Hwy, Lubbock, TX 79403 Box 749, Munday, TX 76371	(325) 286-4284 (806) 724-3500 (940) 422-4577
WB 4518	HRSW	C,F	Atkison Seed & Supply	Box 656, Comfort, TX 78013	(830) 995-2186
WB Cedar	HRWW	C	Cen-Tex Seed & Delinting	1301 Old 77/81 S., Hillsboro, TX 76645	(254) 582-8314
WB-Grainfield	HRWW	C C	Kimbrell Partners, LLC Kimbrell Partners, LLC	PO Box 888, Sunray, TX 79086 PO Box 888, Sunray, TX 79086	(806) 922-3276 (806) 922-3276
Winterhawk	HRWW	C C	Louis Dreyfus Commodities LLC Ward Seed, Gayland	444 FM 2006, Chillicothe US Hwy. 60, Hereford, TX 79045	(940) 852-5118 (806) 258-7394

[§] Information obtained from the 2019 Spring Seed Directory.

¹This variety is protected by the **United States Plant Variety Protection Act**. Must have consent of owner for propagation.

²This 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.

³This variety will be grown under the **Single Seed Use Agreement**.

⁴This variety is **Patent Protected**.

[†] HRWW = Hard Red Winter Wheat, SRWW = Soft Red Winter Wheat, HRSW = Hard Red Spring Wheat.

[‡] C = Certified seed, R = Registered seed, F = Foundation seed

Acknowledgements

The authors of this publication would like to thank the following companies who participated in these trials as well as the Texas Wheat Producers Board for their continuing support and funding for this research.



Additionally, the authors would like to thank the hard work and dedication of Texas A&M AgriLife employees Carla Naylor, Daniel Tyrer, Bronc Finch, numerous county extension agents, producer cooperators and others whose efforts helped make many of the locations across the state possible this year.

Produced by the Department of Soil and Crop Sciences

soilcrop.tamu.edu

The information given herein is for educational purposes only. Reference to commercial products or trade names is made with the understanding that no discrimination is intended and no endorsement by the Texas A&M AgriLife Extension Service is implied.

TEXAS A&M AgriLife Extension Service

AgriLifeExtension.tamu.edu

Texas A&M AgriLife Extension is an equal opportunity employer and program provider.

The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating