

2024 Texas Small Grains Variety Trial Results



2024

Texas Small Grains Variety Trials

Texas A&M AgriLife Extension Service

Brandon Gerrish, Calvin Trostle, Jourdan Bell, Reagan Noland, Emi Kimura, Russ Garetson, Morgan McCulloch, Kristie Keys, David Drake

Texas A&M AgriLife Research

Jackie Rudd, Amir Ibrahim, Shuyu Liu, Jason Baker, Shannon Baker, Russell Sutton, Daniel Hathcoat, Geraldine Opena

Texas A&M- Commerce

Amy Braley

Department of Soil and Crop Sciences

Texas A&M University

College Station, TX 77843

varietytesting.tamu.edu

ACKNOWLEDGEMENTS

County Extension Agents

Zach T. Davis (Hill), Tyler Mays (Hill-IPM), Gary Pastushok (Williamson)

Entry Contributors

Public		Private
Texas A&M- Amir Ibrahim/ Jackie Rudd		Adaptive Genetics- Darcy Turner
Oklahoma State- Brett Carver		AgriPro- Dave Abel
Colorado State- Tyler Benninghoven		Croplan- Todd Coulter
		Limagrain- Daniel Dall
		Nutrien- James Gillum
		Trical Superior Forage- Racy Padilla
		Turner Seed- Darcy Turner
		Westbred- Lance Embree

Farmer Cooperators

Special thanks to our farmer contributors who sacrifice their time, land, and yield for these trials.

Cooperator	Location		Cooperator	Location
Darrel Cross	Abilene		Texas AgriLife	Lubbock
Lance Helberg	Brady		Texas AgriLife	McGregor
Texas AgriLife	Bushland		Mickey Dillard	Millersview
Rollin Mangold	Castroville		Scott Hermis	Muenster
Texas AgriLife	Chillicothe		Mike Urbanzck	Munday
Texas AgriLife	College Station		Clay Cogburn	Nazareth
Ronnie Allen	Crowell		Dustin McFadden	Olton
3B Farms	Dalhart		Noon Vella	Perryton
John Reznik	Dumas		Tom Gregory	Plainview
Steven Beakley	Ennis		Daniel Mowery	Rosharon
Susan Davis	Eula		Texas AgriLife	San Angelo
Texas AgriLife	Greenville		Cory Book	San Angelo
Scott Weinheimer	Groom		Delmon Ellison	Seagraves
Bruce Gillis	Harrold		Texas AgriLife	Thrall
P&M Farms	Hillsboro			

These trials are funded by the Texas Wheat Producers Board

Table of Contents

Acknowledgements.....	i
Table of Contents.....	iii
Introduction.....	1
2024 Statewide Picks List.....	3
2024 Winter Grain Seed Weights.....	4
2024 Hard Red Winter Wheat Characteristics.....	5
2024 Soft Red Winter Wheat Characteristics.....	6
2024 Hard Red Spring Wheat Characteristics.....	7
Cultural Data for 2024 Winter Wheat Grain Trials.....	8

2024 Winter Wheat Grain Variety Trials

High Plains Irrigated

2024 Regional Summary.....	10
Regional Multi-Year Summary.....	11
Bushland.....	12
Dumas.....	13
Olton.....	14
Plainview.....	15
Seagraves.....	16

Rolling Plains

2024 Regional Summary.....	17
Regional Multi-Year Summary.....	18
Chillicothe.....	19
San Angelo.....	20

Blacklands (HRW & SRW)

2024 Hard Red Winter Regional Summary.....	21
Hard Red Winter Regional Multi-Year Summary.....	22
2024 Soft Red Winter Regional Summary.....	23
Soft Red Winter Regional Multi-Year Summary.....	24
Hillsboro.....	25
Muenster.....	27

South Texas (HRW)

2024 Regional Summary.....	29
----------------------------	----

Regional Multi-Year Summary.....	30
Castroville.....	31
College Station.....	32
South Texas (HRS)	
Castroville.....	33
2024 Winter Wheat Dual-Purpose Variety Trials	
Cultural Data for 2024 Winter Wheat Dual-Purpose Variety Trials	34
Rolling Plains	
Foard	35
2024 Small Grains Forage Variety Trials	
Cultural Data for 2024 Small Grains Forage Trials.....	36
Rolling Plains	
Regional Summary.....	37
Eula	38
Eula Multi-Year	39
Millersview	40
Millersview Multi-Year	41
San Angelo.....	42
San Angelo Multi-Year.....	43
Blacklands	
McGregor.....	44
South Texas	
College Station.....	45
College Station Multi-Year.....	46
2024 Small Grains Silage Variety Trials	
High Plains Irrigated	
Bushland	47
2024 Small Grains County Trials	
Grayson County SRW vs HRW Variety Comparison	50
Hunt County SRW vs HRW Variety Comparison.....	52

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

During the 2023-24 season, Texas producers planted an estimated 5.7 million acres of wheat producing an estimated 78.4 million bushels with a statewide yield average of 32 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 2024-25 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.

2024-2025 Texas Wheat Grain Variety Picks List

Courtesy Texas A&M Dept. of Soil & Crop Sciences – For Texas Wheat & Small Grains Info., <https://varietytesting.tamu.edu/smallgrains/>

High Plains Picks List			N. Rolling Plains Grain Picks	S. Rolling Plains	Blacklands/NE Texas Picks List		South Texas Picks List	
Dryland	Limited Irrigation	Full Irrigation	Dryland	Picks List	HRWW	SRWW†	HRWW	HRSW
TAM 113			WB4595¶	WB4595¶	Bob Dole	*Blackland 2344	*AmigosΔ	Limited
	TAM 114	TAM 114	TAM 115	TAM 114	*GoWheat 9216HΔ	*Dyna-Gro 9332	TAM 304	results
TAM 116	TAM 116	TAM 116	*AmigosΔ	Gallagher	*AmigosΔ	GoWheat 6000		for past
WB4792¶	WB4792¶	WB4792¶	Bob Dole	Bob Dole	*WB4523¶	*Progeny #Buster		3 years.
TAM 205	TAM 205	TAM 205	WB4792¶	*Green Hammer				
	CP7017AX¶	CP7017AX¶	TAM 205					Call for
	*AP Prolific	*AP Prolific						details.
		*Showdown	Watch					
Canvas			Dyna-Gro 7322‡					
			*High Cotton					
			*Showdown					
High Plains Watch List			N. Rolling Plains <u>Dual Purpose</u> Picks	S. Rolling Plains Watch List	Blacklands/NE Texas Watch List		South Texas Watch List	
Dryland	Limited Irrigation	Full Irrigation	Dryland		HRWW	SRWW†	HRWW	HRSW
	*High Cotton	*High Cotton	WB4792¶	*High Cotton	*High Cotton	AGS 3022	*GoWheat 9216HΔ	
	Monarch¶∞	Monarch¶∞	WB4595¶	Showdown		*Dyna-Gro 9393	*WB4401	
			Green Hammer	*Canvas				

*New Pick, 2024-2025. ΔNew release, little seed. ¶Certified Seed Only (CSO). License bars saving own seed for planting. †Soft red winter wheat. ∞Hard white winter wheat. ‡Beardless.

Texas A&M AgriLife Extension, in collaboration with our wheat breeding program colleagues in Texas A&M AgriLife Research, highlights these wheat varieties to producers. Wheat Picks are based on a minimum of three years of data (and at least two years for a ‘Watch List’ designation) over multiple regional locations. These wheat varieties are not strictly a list of recommended wheat grain varieties. But given the data, these are varieties we would choose to include on our farm. If you are planting other varieties, and you like them, continue to plant them. But consider trying one of these regional varieties on some of your acres, especially a variety that complements your other wheat variety’s maturity and insect/disease resistances.

For further information, view Texas A&M AgriLife wheat info. at <http://varietytesting.tamu.edu/wheat> or contact these individuals/Center websites:

- Texas Panhandle: Dr. Jourdan Bell, Extension agronomist, Amarillo, (806) 677-5600, jourdan.bell@ag.tamu.edu, <http://amarillo.tamu.edu>
- Texas South Plains: Dr. Calvin Trostle, Extension agronomist, Lubbock, (806) 777-0247, ctrostle@ag.tamu.edu, <http://lubbock.tamu.edu>
- Northern Rolling Plains: Dr. Emi Kimura, Extension agronomist, Vernon, (940) 552-9941, emi.kimura@ag.tamu.edu, <http://vernon.tamu.edu>
- Southern Rolling Plains/Concho Valley: Dr. Reagan Noland, Extension agronomist, San Angelo, (325) 657-7330, reagan.noland@ag.tamu.edu
- Northeast Texas: Dr. David Drake, Extension IPM agent, Commerce, (325) 716-3364, david.drake@ag.tamu.edu
- Central Texas/Blacklands: Dr. Brandon Gerrish, State Extension small grains specialist, College Station, (979) 845-3041, brandon.gerrish@ag.tamu.edu
- South Texas: Dr. Joshua McGinty, Extension agronomist, Corpus Christi, (361) 265-9203, joshua.mcginty@ag.tamu.edu, <http://agrilife.org/coastalbend>

2024 TAMU Variety Trial Planting Seed Weight*

Name	1000 KW (grams)	Seeds per Pound	Name	1000 KW (grams)	Seeds per Pound
Hard Red Winter Wheat			Hard Red Winter Wheat		
Amigos	31.3	14492	TAM 111	27.5	16494
AP Longjack	34.5	13148	TAM 112	29.9	15170
AP Prolific	27.5	16494	TAM 113	33.8	13420
AP Roadrunner	33.6	13500	TAM 114	28.3	16028
AP Sunbird	41.1	11036	TAM 115	30.3	14970
Bob Dole	32.4	14000	TAM 116	35.7	12706
Breakthrough	29.0	15641	TAM 204	26.5	17117
Canvas	33.0	13745	TAM 205	32.6	13914
CO18035RA	36.0	12600	TAM 304	26.8	16925
CP7017AX	26.0	17446	TAM W-101	40.3	11255
CP7869	39.0	11631	Trical Bighorn	28.8	15750
Dyna-Gro 7322	30.4	14921	TX16M9216	31.1	14585
Forage Max	30.8	14727	TX17M1572	34.2	13263
Gallagher	28.2	16085	TX18A001119	31.4	14446
Green Hammer	38.5	11782	TX18A001132	31.6	14354
Guardian	33.0	13745	TX18DH287	37.4	12128
High Cotton	33.2	13662	TX18DH313	32.4	14000
Kivari AX	38.0	11937	TX18DH858	27.3	16615
Langin	40.7	11145	Uncharted	36.4	12461
LCS Atomic AX	31.9	14219	WB4401	39.3	11542
LCS Helix AX	31.8	14264	WB4418	36.2	12530
LCS Radar	27.2	16676	WB4422	35.3	12850
LCS Steel AX	28.9	15695	WB4440	39.3	11542
LCS Warbird AX	30.1	15069	WB4523	31.5	14400
OK Corral	29.4	15428	WB4595	33.3	13621
Showdown	38.4	11812	WB4792	27.7	16375
Smith's Gold	32.6	13914	Whistler	32.0	14175
SY Razor	28.2	16085	Winterhawk	32.7	13871
SY Wolverine	29.1	15587	XH4016A	35.7	12706

Name	1000 KW (grams)	Seeds per Pound
Hard White Winter Wheat		
Monarch	34.0	13341

Name	1000 KW (grams)	Seeds per Pound
Barley		
Buckaroo	32.8	13829
Valor	31.1	14585

Name	1000 KW (grams)	Seeds per Pound
Triticale		
SlickTrit II	29.5	15376
Titan	31.8	14264
Trical EXP 209	26.4	17181
Trical EXP 220	38.0	11937
Trical Kicker	37.7	12032

Name	1000 KW (grams)	Seeds per Pound
Triticale		
TX20AT2005	36.0	12600
TX20AT2014	35.4	12813
TX20AT2015	33.0	13745
TX20AT2018	35.3	12850

*Planting seed weight is determined by both genetic and environmental factors. While varieties may be genetically programmed to have large or small seeds, seed grown in favorable conditions or climates will have larger seeds and may be more vigorous than the same variety grown in unfavorable conditions.

Hard Red Winter Variety Characteristics

Variety	Previous Name	Company	Class ¹	Year Released	Maturity	Height	Winter Hardiness	Test Weight	Protein	Quality	Standability	Leaf ² Rust	Stripe Rust	Stem Rust	Wheat Streak Mosaic	Soil-Borne Mosaic	Fusarium (Scab)	Hessian Fly
Amigos	TX15M8024	Adaptive Genetics	HRW	2023	Med-Late	Tall	--	Good	--	Very Good	--	1	1	1	7	--	--	1
AP Prolific	--	AgriPro	HRW	2023	Medium	Medium	Very Good	Excellent	Acceptable	Acceptable	Good	2	2	2	4	1	4	8
AP Roadrunner	--	AgriPro	HRW	2021	Med-Late	Medium	Very Good	Good	Acceptable	Excellent	Good	2	2	8	4	1	7	3
AP Sunbird	CP15CW3388#011	AgriPro	HRW	2024	Med-Early	Med-Short	Very Good	Excellent	--	Very Good	Good	--	7	--	3	--	7	--
Bob Dole	--	AgriPro	HRW	2018	Medium	Tall	Good	Very Good	Excellent	Excellent	Good	2	1	3	6	1	6	8
Breakthrough	OK168512	Oklahoma State University	HRW	2020	Medium	Med-Short	Good	Excellent	Average	Acceptable	Very Good	7	7	--	2	1	--	8
Canvas	--	PlainsGold	HRW	2018	Medium	Med-Short	--	Very Good	Good	Very Good	Excellent	6	3	2	3	--	--	--
CP7017AX [‡]	--	Croplan	HRW	--	Medium	Medium	Excellent	Good	Good	--	Very Good	5	3	1	--	--	1	--
CP7869	--	Croplan	HRW	--	Late	Medium	Very Good	Very Good	Very Good	--	Very Good	1	1	--	--	--	6	--
Dyna-Gro 7322	TX14V70214	Nutrien	HRW**	2023	Medium	Med-Tall	--	Good	--	Acceptable	Good	1	4	1	--	1	--	6
Gallagher	OK07214	Oklahoma State University	HRW	2013	Med-Early	Medium	Fair	Good	Average	Excellent	Fair	5	4	--	9	1	6	2
GoWheat 9216H	TX16M9216	Stratton Seed	HRW	2023	Med-Late	Medium	--	Very Good	--	Very Good	--	1	1	1	--	--	--	3
Green Hammer	OK13209	Oklahoma State University	HRW	2018	Med-Early	Tall	Good	Very Good	Excellent	Excellent	Very Good	1	2	--	9	1	7	4
Guardian [‡]	--	PlainsGold	HRW	--	Medium	Medium	--	Excellent	Excellent	Very Good	Fair	4	3	2	1	--	--	--
High Cotton	OK18510	Oklahoma State University	HRW	2023	Med-Early	Medium	Very Good	Very Good	Very Good	Acceptable	Very Good	3	2	--	9	1	7	8
Kivari AX [‡]	--	PlainsGold	HRW	2020	Med-Early	Medium	--	Good	Fair	Very Good	Fair	8	8	--	3	--	--	--
Langin	--	PlainsGold	HRW	2016	Early	Med-Short	Excellent	Good	Fair	Very Good	Fair	8	3	9	6	--	--	--
LCS Atomic AX	--	Limagrain	HRW	--	Early	Medium	Very Good	Good	--	Acceptable	Excellent	8	4	9	--	1	3	--
LCS Helix AX	--	Limagrain	HRW	--	Med-Early	Medium	Very Good	Excellent	--	Acceptable	Very Good	4	2	1	--	1	3	--
LCS Radar	--	Limagrain	HRW	--	Medium	Med-Tall	Very Good	Average	Average	Desirable	Very Good	2	1	5	3	1	4	--
LCS Steel AX	--	Limagrain	HRW	--	Late	Med-Tall	Excellent	Very Good	--	Desirable	Excellent	2	8	8	--	1	1	9
LCS Warbird AX	--	Limagrain	HRW	--	Medium	Med-Short	Very Good	Very Good	Very Good	Desirable	Excellent	2	2	9	3	--	3	--
Monarch [‡]	--	PlainsGold	HRW	2018	Medium	Med-Short	--	Good	Fair	Very Good	Excellent	5	5	2	4	--	--	--
OK Corral	OK12206-127206-2	Oklahoma State University	HRW**	2019	Medium	Medium	Very Good	Average	Average	Very Good	Excellent	3	3	3	9	1	6	1
Showdown	OK12716	Oklahoma State University	HRW	2018	Medium	Med-Tall	Very Good	Average	Average	Desirable	Fair	5	1	--	9	1	8	1
Smith's Gold	OK11D252056	Oklahoma State University	HRW	2017	Med-Early	Medium	Good	Very Good	Good	Excellent	Good	5	1	--	9	1	6	2
SY Wolverine	--	AgriPro	HRW	2019	Med-Early	Med-Short	Very Good	Very Good	Good	Acceptable	Excellent	2	6	2	4	1	7	8
TAM 111	--	AgriPro	HRW	2003	Medium	Medium	--	Good	--	Good	Good	6	7	2	4	8	--	--
TAM 112	--	Watley Seeds	HRW	2005	Med-Early	Medium	--	Good	--	Very Good	Fair	9	9	1	2	--	--	9
TAM 113	TX02A0252	Adaptive Genetics	HRW	2012	Medium	Medium	--	Good	--	Good	Excellent	1	2	1	4	9	--	9
TAM 114	TX07A001505	Adaptive Genetics	HRW	2014	Medium	Medium	--	Very Good	Good	Excellent	Excellent	3	1	2	4	--	--	7
TAM 115	TX11A001295	Watley Seeds	HRW	2019	Late	Med-Tall	--	Excellent	--	Very Good	--	1	1	1	2	--	--	9
TAM 116	TX14A001035	Adaptive Genetics	HRW	2023	Med-Early	Medium	--	Excellent	--	Acceptable	--	3	1	2	5	9	--	9
TAM 204	TX06V7266	Watley Seeds	HRW**	2014	Medium	Short	--	Fair	--	Less Desirable	--	9	5	1	2	1	--	4
TAM 205	TX12V7415	Adaptive Genetics	HRW	2019	Late	Med-Short	--	Excellent	--	Excellent	--	1	1	1	2	1	5	9
TAM 304	--	Scott Seed	HRW	2007	Early	Short	--	Fair	--	Acceptable	--	7	7	1	--	--	--	7
TAM W-101	--	TAMU	HRW	1971	Med-Early	Med-Short	--	Good	--	Acceptable	--	6	5	1	--	--	--	9
Uncharted	OK16D101089	Oklahoma State University	HRW	2020	Medium	Medium	Good	Very Good	Average	Acceptable	Good	1	3	--	9	1	--	7
WB4401	--	WestBred	HRW	--	Medium	Medium	Very Good	Very Good	Very Good	Very Good	Very Good	5	3	--	7	2	5	3
WB4418 [‡]	--	WestBred	HRW	2018	Medium	Medium	Excellent	Very Good	Very Good	Very Good	Excellent	4	4	--	5	2	7	4
WB4422	--	WestBred	HRW	2022	Medium	Med-Tall	Excellent	Excellent	Very Good	Very Good	Excellent	3	8	6	6	2	6	6
WB4440	--	WestBred	HRW**	--	Medium	Medium	Very Good	Very Good	Very Good	Good	Very Good	2	5	--	6	6	7	3
WB4523 [‡]	--	WestBred	HRW	2022	Medium	Med-Short	Excellent	Very Good	Good	Very Good	Excellent	5	2	4	7	3	5	6
WB4595 [‡]	--	WestBred	HRW	2019	Medium	Medium	Excellent	Excellent	Very Good	Good	Very Good	6	5	--	4	6	7	7
WB4792 [‡]	--	WestBred	HRW	2019	Med-Late	Med-Tall	Very Good	Excellent	Very Good	Very Good	Very Good	3	4	--	4	6	8	7
Whistler	--	PlainsGold	HRW	2018	Med-Late	Med-Tall	--	Good	Good	Good	Fair	6	3	1	2	--	--	--
Winterhawk	--	WestBred	HRW	--	Medium	Med-Tall	Excellent	Excellent	Very Good	Very Good	Very Good	7	7	7	7	1	--	6

¹HRW= Hard Red Winter, HWW= Hard White Winter

²Pathogen ratings based on a scale from 1-9 with 1=Resistant, 9=Susceptible

**Awnless Variety

[‡] Certified Seed Only (CSO). License bars saving own seed for planting.

Soft Red Winter Variety Characteristics

Variety	Company	Year Released	Maturity	Height	Winter Hardiness	Test Weight	Standability	Leaf Rust	Stripe Rust	Stem Rust	Leaf Blotch	Glume Blotch	Barley			
													Yellow Dwarf	Fusarium (Scab)	Powdery Mildew	Hessian Fly
AGS 2055	AGSouth Genetics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
AGS 3022	AGSouth Genetics	--	Very Early	Short	--	Very Good	Good	4	4	--	--	4	4	4	4	4
Blackland 2034	Blackland Seeds	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Blackland 2167	Blackland Seeds	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Blackland 2255	Blackland Seeds	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Blackland 2383	Blackland Seeds	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dyna-Gro 9120	Dyna-Gro Seeds	2021	Early	Medium	Excellent	Excellent	Excellent	3	3	--	4	--	7	4	--	9
Dyna-Gro 9172	Dyna-Gro Seeds	--	Medium	Medium	Excellent	Very Good	Excellent	2	2	--	3	3	2	2	3	8
Dyna-Gro 9290	Dyna-Gro Seeds	2022	Very Early	Medium	Excellent	Very Good	Very Good	2	2	--	3	1	5	3	2	8
Dyna-Gro 9332	Dyna-Gro Seeds	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dyna-Gro 9393	Dyna-Gro Seeds	--	Med-Late	Medium	--	Very Good	Excellent	2	2	--	3	3	2	4	2	1
GoWheat 6000	Stratton Seed Co.	2019	Medium	--	--	--	Very Good	4	--	--	--	--	--	4	--	--
Progeny #Bingo	Progeny	--	--	Medium	--	Excellent	Excellent	5	3	--	3	5	3	3	5	--
Progeny #Buster	Progeny	--	--	Medium	--	Excellent	Excellent	3	3	--	3	3	3	5	3	--
Progeny #Chad**	Progeny	--	--	Medium	--	Good	Good	1	1	--	3	3	3	3	1	--
Progeny #Turbo**	Progeny Ag	--	--	Medium	--	Excellent	Excellent	1	3	--	5	3	3	3	3	--
USG 3354**	UniSouth Genetics	2023	Med-Early	Med-Tall	Good	Good	--	3	2	--	5	--	3	4	2	--
USG 3574**	UniSouth Genetics	--	Medium	Med-Short	Excellent	Very Good	--	5	7	--	4	3	2	3	1	--
USG 3673**	UniSouth Genetics	--	Medium	Medium	Very Good	Very Good	Very Good	2	3	--	3	4	3	2	3	--
USG 3884	UniSouth Genetics	2023	Med-Late	Medium	Excellent	Very Good	--	4	3	--	3	3	3	--	3	--
Viking 822	Albert Lea Seed	--	Med-Early	Med-Tall	--	--	Excellent	--	--	--	--	--	--	--	--	--
WB2545**	Westbred	--	Medium	Med-Tall	Very Good	Very Good	Very Good	2	4	--	--	--	--	3	--	7
WB2606	Westbred	--	Med-Late	Medium	Excellent	Excellent	Excellent	4	3	--	--	--	--	3	4	6

**Awnless Variety

¹Pathogen ratings based on a scale from 1-9 with 1=Resistant, 9=Susceptible

Hard Red Spring Variety Characteristics

Variety	Company	Year Released	Height	Test Weight	Protein	Quality	Standability	Leaf ¹ Rust	Stripe Rust	Stem Rust	Bacterial Leaf Streak	Tan Spot	Fusarium (Scab)	Hessian Fly
Ambush	Dyna-Gro	--	Medium	Excellent	Excellent	--	Very Good	3	2	2	4	2	4	--
Ballistic	Dyna-Gro	--	Med-Tall	Good	Good	--	Good	3	3	--	3	3	2	--
Commander	Dyna-Gro	--	Medium	Excellent	Very Good	--	Very Good	3	3	--	5	--	3	--
Espresso	Westbred	--	Med-Short	Very Good	Excellent	Very Good	Very Good	2	2	--	--	--	4	5
LCS Ascent	Limagrain	--	Med-Tall	Excellent	Good	Desirable	Very Good	4	5	4	6	5	4	--
LCS Buster	Limagrain	--	Medium	Very Good	--	Acceptable	Very Good	3	3	2	4	3	3	--
LCS Cannon	Limagrain	--	Medium	Excellent	Very Good	Desirable	Very Good	4	3	3	5	3	3	--
LCS Hammer AX	Limagrain	--	Medium	Very Good	Good	Desirable	Very Good	6	5	5	7	6	5	--
LCS Trigger	Limagrain	--	Med-Tall	Very Good	Fair	Less Desirable	Very Good	1	5	2	2	3	3	--
WB9518	Westbred	--	Med-Short	Excellent	Excellent	Very Good	Excellent	2	1	--	--	--	4	6

¹Pathogen ratings based on a scale from 1-9 with 1=Resistant, 9=Susceptible

Cultural Data for 2024 TAMU HRW Trial Locations

Region	Site Information										
	Location ¹	Coordinates	Cooperator	Yield Limiting Issue	Seeding Rate	Planting Date	Harvest Date	Season ² Precipitation	Water	Soil Type	
High Plains	Irrigated	Bushland	35.190359, -102.087336	TAMU AgriLife Research & Extension	None	1.1M Seeds/ac	10/22/2023	6/24/2024	4.5"	Full Irrigation (12")	Pullman Clay Loam
		Dalhart	36.118590, -102.940511	3B Farms	Data Not Shown- High CV%	1.1M Seeds/ac	11/13/2023	6/28/2024	6.5"	Limited Irrigation	Dallam Fine Sandy Loam
		Dumas	35.933653, -101.974203	John Reznik	None	1.1M Seeds/ac	10/16/2023	6/25/2024	1.5"	Full Irrigation (16")	Sherm Silty Clay Loam
		Olton	34.1788, -102.1039	Dustin McFadden	Late Emergence	1.25M Seeds/ac	11/27/2023	6/24/2024	8.7"	Full Irrigation (16.5")	Olton Loam
		Plainview	34.0863, -101.7659	Tom Gregory	None	1.1M Seeds/ac	10/24/2023	6/13/2024	7.0"	Full Irrigation (14")	Pullman Clay Loam
		Seagraves	32.9016, -102.5498	Delmon Ellison	None	1.25M Seeds/ac	11/21/2023	6/4/2024	5.6"	Limited Irrigation (6")	Patricia Fine Sand
	Dryland	Bushland	35.178823, -102.098939	TAMU AgriLife Research & Extension	Drought- Data Not Shown	600K Seeds/ac	11/16/2023	6/14/2024	4.5"	Dryland	Pullman Clay Loam
		Groom	35.306785, -101.240012	Scott Weinheimer	ABANDONED- Poor Emergence	600K Seeds/ac	10/11/2023	--	11.3"	Dryland	Pantex Silty Clay Loam
		Lubbock	33.6919, -101.8274	TAMU AgriLife Research & Extension	Drought	600K Seeds/ac	10/27/2023	5/30/2024	7.8"	Dryland	Olton Clay Loam
		Nazareth	34.1016, -101.7346	Clay Cogburn	ABANDONED- Uneven Emergence	600K Seeds/ac	10/24/2023	--	8.9"	Dryland	Pullman Clay Loam
Perryton	36.226188, -100.890632	Noon Vella	ABANDONED- Poor Emergence	600K Seeds/ac	10/19/2023	--	12.3"	Dryland	Sherm Clay Loam		
Rolling Plains	Northern	Chillicothe	34.193698, -99.525304	TAMU AgriLife Research & Extension	Foliar Diseases	650K Seeds/ac	11/7/2023	5/27/2024	16.3"	Dryland	Grandfield Fine Sandy Loam
		Munday	33.354880, -99.517570	Mike Urbanzck	Foliar Diseases- Data Not Shown	650K Seeds/ac	11/13/2023	6/7/2024	22.6"	Dryland	Rotan Clay Loam
	Southern	Abilene	32.206659, -99.767868	Darrel Cross	ABANDONED- Hail	650K Seeds/ac	11/17/2023	--	16.1"	Dryland	Sagerton Clay Loam
		Brady	31.308521, -99.441474	Lance Helberg	ABANDONED- Tornado	650K Seeds/ac	12/1/2023	--	12.1"	Dryland	Rowena Clay Loam
		San Angelo	31.598222, -100.246849	Cory Book	None	650K Seeds/ac	12/1/2023	6/4/2024	15.6"	Full Irrigation	Angelo Clay Loam
Blacklands	Ennis	32.28718, -96.684358	Steven Beakley	ABANDONED- Poor Emergence	750K Seeds/ac	10/24/2023	--	44.4"	Dryland	Branyon Clay	
	Greenville	33.165027, -96.161031	TAMU AgriLife Research & Extension	Excessive Rainfall- Data Not Shown	750K Seeds/ac	10/23/2023	6/13/2024	52.6"	Dryland	Leson Clay	
	Hillsboro	31.907960, -97.023854	P&M Farms	Foliar Diseases	750K Seeds/ac	11/14/2023	5/28/2024	32.4"	Dryland	Chatt Clay	
	McGregor	31.373440, -97.451742	TAMU AgriLife Research & Extension	ABANDONED- Hail	750K Seeds/ac	11/15/2023	--	28.1"	Dryland	Slidell Silty Clay	
	Muenster	33.704386, -97.271763	Scott Hermis	None	750K Seeds/ac	11/8/2023	5/27/2024	20.1"	Dryland	Slidell- San Saba Complex	
	Thrall	30.595266, -97.285148	Stiles Research Farm	ABANDONED- Bird Damage	750K Seeds/ac	11/17/2023	--	19.5"	Dryland	Branyon Clay	
South Texas	Castroville	29.350195, -98.798381	Rollin Mangold	Foliar Diseases	750K Seeds/ac	11/20/2023	5/11/2024	10.8"	Full Irrigation	Lewisville Silty Clay	
	College Station	30.547177, -96.429527	TAMU AgriLife Research & Extension	Dry fall conditions	750K Seeds/ac	11/7/2023	5/15/2024	27.0"	Dryland	Ships Clay	

¹All locations were planted into conventionally tilled seedbeds.

²In-season total radar estimated rainfall.

Cultural Data for 2024 TAMU SRW Trial Locations

Region	Site Information									
	Location ¹	Coordinates	Cooperator	Yield Limiting Issue	Seeding Rate	Planting Date	Harvest Date	Season ² Precipitation	Water	Soil Type
Blacklands	Ennis	32.28718, -96.684358	Steven Beakley	ABANDONED- Poor Emergence	68 lbs/ac	10/24/2023	--	44.4"	Dryland	Branyon Clay
	Greenville	33.165027, -96.161031	TAMU AgriLife Research & Extension Center	Excessive Rainfall- Data Not Shown	68 lbs/ac	10/23/2023	6/13/2024	52.6"	Dryland	Leson Clay
	Hillsboro	31.907960, -97.023854	P&M Farms	Foliar Diseases	68 lbs/ac	11/14/2023	5/28/2024	32.4"	Dryland	Chatt Clay
	McGregor	31.373440, -97.451742	TAMU AgriLife Research & Extension Center	ABANDONED- Hail	68 lbs/ac	11/15/2023	--	28.1"	Dryland	Slidell Silty Clay
	Muenster	33.704386, -97.271763	Scott Hermis	None	68 lbs/ac	11/8/2023	5/27/2024	20.1"	Dryland	Slidell- San Saba Complex
	Thrall	30.595266, -97.285148	Stiles Research Farm	ABANDONED- Bird Damage	68 lbs/ac	11/17/2023	--	19.5"	Dryland	Branyon Clay

¹All locations were planted into conventionally tilled seedbeds.

²In-season total radar estimated rainfall.

2024 Uniform Wheat Variety Trial: HRWW, High Plains Irrigated Regional Summary

Rank [†]	Variety	Yield (bu/a)						Test Wt (lb/bu)
		AVG	Bushland	Dumas	Olton	Plainview	Seagraves	2024
1	TAM 116	87.2	119.2	120.2	79.4	70.0	47.3	58.8
2	High Cotton	86.7	105.4	125.5	79.2	73.6	49.6	58.5
3	TAM 205	85.1	104.9	128.4	75.6	69.0	47.6	60.2
4	CP7017AX	84.5	107.4	121.2	73.1	68.1	52.5	58.5
5	TAM 114	84.3	109.7	115.7	77.0	68.4	50.9	59.8
6	TX18A001132	84.3	106.8	123.3	74.6	68.2	48.6	59.4
7	TX18DH313	83.9	99.9	120.4	78.6	70.9	49.5	58.6
8	LCS Helix AX	83.7	109.3	116.1	75.9	67.8	49.6	58.1
9	AP Prolific	83.7	108.5	129.8	63.7	70.1	46.6	58.1
10	AP Roadrunner	83.6	107.5	114.1	67.7	74.2	54.5	57.7
11	TX18A001119	83.5	113.1	115.2	74.5	68.1	46.9	60.0
12	Showdown	83.2	118.4	121.7	68.2	65.4	42.5	57.0
13	AP Sunbird	83.1	103.8	119.4	76.4	76.0	40.1	58.5
14	Canvas	83.0	105.7	124.8	65.7	65.7	53.1	58.8
15	GoWheat 9216H	82.1	99.8	122.0	77.3	67.6	43.9	58.5
16	OK Corral*	82.1	113.5	109.7	79.3	63.1	45.0	56.6
17	CP7869	81.8	112.3	124.3	60.0	69.3	43.2	58.0
18	Smith's Gold	81.7	99.5	116.8	76.4	70.3	45.6	59.1
19	TX18DH287	81.6	110.9	121.2	65.6	59.6	50.8	57.7
20	WB4792	79.8	110.6	119.8	62.0	61.2	45.6	59.6
21	Breakthrough	79.3	103.4	123.8	65.7	60.5	43.2	58.7
22	TAM 113	79.2	111.1	94.9	76.6	72.2	41.2	58.6
23	SY Wolverine	79.1	104.6	122.0	71.1	58.7	38.9	57.8
24	Dyna-Gro 7322*	78.8	101.9	115.9	62.8	66.2	47.2	56.9
25	TAM 204*	78.6	103.3	115.2	66.4	65.9	42.1	56.6
26	TAM 112	78.3	103.1	106.9	64.9	68.1	48.5	59.2
27	TAM 115	77.5	98.2	109.5	71.2	65.2	43.6	60.0
28	Monarch**	77.4	100.0	117.4	51.1	73.9	44.6	57.2
29	WB4422	76.7	96.7	110.7	60.5	73.3	42.2	57.9
30	TAM 111	76.6	103.0	109.3	62.8	65.2	42.6	58.7
31	TAM W-101	71.8	93.6	102.3	55.9	64.8	42.7	58.4
	LSD (0.05)	4.7	7.1	18.9	6.3	8.9	8.5	0.6
	CV (%)	7.2	3.5	8.2	5.4	7.9	9.4	1.3
	Mean	81.4	106.0	117.3	69.6	67.8	46.1	58.4

*Awnless variety. **Hard White Wheat variety. **Bolded** values indicate top group based on

†Ranks ranked according to 2-location yield average

Texas A&M Hard Red Winter Wheat Multi-Year Summary
High Plains (Bushland, Dalhart, Dumas, Olton, Plainview, Seagraves)

Rank [†]	Name	4 Years [‡] 15 loc/yrs	3 Years 11 loc/yrs	2 Years 8 loc/yrs	1 Year 5 loc/yrs	
		Yield Bu/A	Yield Bu/A	Yield Bu/A	Yield Bu/A	TW Lb/bu
1	CP7017AX	79.6	81.1	85.2	84.5	58.5
2	TAM 114	78.3	80.0	86.3	84.3	59.8
3	TAM 116	78.0	79.3	85.9	87.2	58.8
4	Showdown	77.8	77.8	84.3	83.2	57.0
5	TAM 205	77.7	77.4	86.2	85.1	60.2
6	WB4792	77.1	76.1	80.8	79.8	59.6
7	Canvas	76.6	77.4	81.5	83.0	58.8
8	AP Roadrunner	75.6	76.0	82.4	83.6	57.7
9	SY Wolverine	75.0	75.8	81.5	79.1	57.8
10	TAM 115	74.9	74.0	79.8	77.5	60.0
11	OK Corral*	74.4	75.1	80.7	82.1	56.6
12	TAM 112	73.8	74.1	79.6	78.3	59.2
13	GoWheat 9216H	72.6	75.3	81.3	82.1	58.5
14	Dyna-Gro 7322*	71.8	73.4	79.0	78.8	56.9
15	TAM 204*	69.9	70.9	77.2	78.6	56.6
16	TAM W-101	63.2	65.9	71.8	71.8	58.4
17	AP Prolific		78.3	84.7	83.7	58.1
18	LCS Helix AX		77.8	81.4	83.7	58.1
19	Monarch**		77.6	82.2	77.4	57.2
20	WB4422		75.1	80.3	76.7	57.9
21	Breakthrough		73.8	79.6	79.3	58.7
22	High Cotton			86.9	86.7	58.5
23	TX18A001119			84.0	83.5	60.0
24	TX18A001132			83.6	84.3	59.4
25	TX18DH313				83.9	58.6
26	AP Sunbird				83.1	58.5
27	CP7869				81.8	58.0
28	Smith's Gold				81.7	59.1
29	TX18DH287				81.6	57.7
30	TAM 113				79.2	58.6
31	TAM 111				76.6	58.7
	LSD (0.05)	2.9	3.3	3.9	4.7	0.6
	CV (%)	8.2	7.6	7.4	7.2	1.3
	Mean	74.8	75.8	81.9	81.4	58.4

*Awnless Variety **Hard White Wheat Variety

Bolded values indicate top group based on LSD

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 yield averages.

[‡]Data from 2024, 2023, 2022, and 2021 used for multi-year analysis.

2024 Uniform Wheat Variety Trial: HRWW, Bushland (Irrigated)

Rank [†]	Variety	Winter [∞] Survival	Height (in)	Heading Date	Yield (bu/a)				Test Wt (lb/bu)
					4-Year [‡]	3-Year	2-Year	2024	2024
1	WB4792	8	35	124	98.3	91.4	105.1	110.6	60.8
2	Showdown	8	36	122	94.9	90.0	107.9	118.4	60.0
3	TAM 116	8	35	120	92.9	88.9	105.5	119.2	61.7
4	TAM 114	8	34	122	92.8	90.0	105.2	109.7	62.1
5	LCS Helix AX	9	35	120	92.2	88.9	100.9	109.3	60.4
6	CP7017AX	7	34	123	92.2	88.9	100.9	107.4	60.1
7	OK Corral*	8	34	125	90.8	87.6	101.4	113.5	58.9
8	AP Roadrunner	9	34	122	90.1	85.0	98.4	107.5	59.5
9	Canvas	8	34	122	88.8	85.7	97.3	105.7	60.8
10	SY Wolverine	8	32	120	88.1	81.5	99.1	104.6	59.4
11	Dyna-Gro 7322*	8	35	122	88.0	84.7	96.7	101.9	60.0
12	TAM 205	8	37	122	87.6	82.7	99.2	104.9	61.8
13	TAM 115	9	34	125	86.7	80.7	96.2	98.2	62.2
14	TAM 112	9	33	122	85.2	80.6	97.0	103.1	61.2
15	TAM 204*	9	36	122	82.5	78.9	94.3	103.3	58.4
16	GoWheat 9216H	8	34	122	81.0	77.4	92.7	99.8	60.0
17	TAM W-101	9	35	119	71.9	73.1	90.3	93.6	59.0
18	Monarch**	6	33	127		89.0	101.8	100.0	59.0
19	AP Prolific	8	33	120		85.6	104.0	108.5	60.0
20	WB4422	8	34	124		82.3	96.4	96.7	59.6
21	Breakthrough	8	35	120		80.3	95.0	103.4	61.1
22	TX18A001119	7	36	124			102.4	113.1	62.5
23	High Cotton	9	35	122			100.6	105.4	60.8
24	TX18A001132	8	34	123			98.8	106.8	62.0
25	CP7869	8	32	127				112.3	59.9
26	TAM 113	10	34	123				111.1	60.3
27	TX18DH287	10	38	120				110.9	58.9
28	AP Sunbird	8	33	120				103.8	59.9
29	TAM 111	8	36	124				103.0	61.2
30	TX18DH313	8	33	122				99.9	60.0
31	Smith's Gold	8	35	122				99.5	61.7
	LSD (0.05)	1	3	4	4.6	5.1	6.2	7.1	0.7
	CV (%)	8	4	2	5.4	5.3	4.5	3.5	0.6
	Mean	8	34	122	88.5	84.4	99.5	106.0	60.4

*Awnless variety. Yields adjusted to standard moisture of 13.5%. **Bolded** values indicate top group based on LSD.

**Hard white wheat variety

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 yield averages.

[‡]4-year average based on 2021, 2022, 2023, and 2024 data.

[∞]Winter survival ratings were taken February 8th with 0 representing no stand/dead and 10 being excellent.

Agronomic Information

Planting Date:	22-Oct
Seeding Rate (seed/ac):	1,100,000
Harvest Date:	24-Jun
Previous Crop:	Fallow
In-Season Estimated Precip:	4.5"
Irrigation Amount:	12"
Soil pH:	7.9

Trial Notes:

1. The trial was located approximately 14 miles west of Amarillo, TX.
2. The trial was fertilized prior to seeding at a rate of 80N, 35P. An additional 50N was applied on March 4.
3. Average yield was 16% higher and test weight 0.8 lb/bu more compared to 2023.

Cooperator: Texas A&M Research Farm

Herbicides: Prowl H20 was applied on March 5.

2024 Uniform Wheat Variety Trial: HRWW, Dumas (Irrigated)

Rank [†]	Variety	Yield (bu/a)				Test Wt (lb/bu)
		4-Year [‡]	3-Year	2-Year	2024	2024
1	TAM 205	91.6	97.2	109.6	128.4	61.5
2	CP7017AX	90.3	101.3	103.1	121.2	59.6
3	Canvas	88.5	96.9	98.2	124.8	59.3
4	SY Wolverine	87.2	101.1	105.5	122.0	59.9
5	TAM 114	86.4	97.8	102.8	115.7	60.0
6	WB4792	84.6	93.4	97.5	119.8	60.0
7	Showdown	84.1	95.2	98.8	121.7	58.2
8	TAM 115	83.9	89.4	92.4	109.5	61.3
9	TAM 116	83.8	95.5	99.6	120.2	60.2
10	TAM 112	82.2	90.8	93.3	106.9	60.9
11	GoWheat 9216H	78.8	95.1	97.4	122.0	59.0
12	AP Roadrunner	78.7	87.5	90.1	114.1	58.3
13	TAM 204*	78.3	88.7	94.2	115.2	57.7
14	OK Corral*	76.6	86.4	88.7	109.7	58.3
15	Dyna-Gro 7322*	76.0	89.3	95.2	115.9	58.8
16	TAM W-101	74.4	85.8	89.0	102.3	58.9
17	AP Prolific		101.5	106.6	129.8	59.2
18	LCS Helix AX		98.7	98.6	116.1	58.8
19	Monarch**		96.6	98.4	117.4	59.6
20	Breakthrough		94.7	99.5	123.8	59.9
21	WB4422		92.8	94.9	110.7	58.9
22	High Cotton			101.4	125.5	59.0
23	TX18A001132			99.4	123.3	60.3
24	TX18A001119			96.4	115.2	61.6
25	CP7869				124.3	58.9
26	TX18DH287				121.2	59.3
27	TX18DH313				120.4	58.4
28	AP Sunbird				119.4	59.2
29	Smith's Gold				116.8	59.3
30	TAM 111				109.3	59.9
31	TAM 113				94.9	58.6
	LSD (0.05)	7.5	8.6	11.1	18.9	1.4
	CV (%)	8.9	8.1	8.2	8.2	1.2
	Mean	82.8	94.1	97.9	117.3	59.4

*Awnless variety. **Hard white wheat variety Yields adjusted to standard moisture of 13.5%.

Bolded values indicate top group based on LSD.

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 yield averages.

[‡]4-year average based on 2021, 2022, 2023, and 2024 data.

Agronomic Information	
Planting Date:	16-Oct
Seeding Rate (seed/ac):	1,100,000
Harvest Date:	25-Jun
Previous Crop:	Corn Silage
In-Season Estimated Precip:	1.5"
Irrigation Amount:	16"

Trial Notes:

1. The trial was located approximately 5 miles north of Dumas, TX.
2. The trial was fertilized at a rate of 102N, 39P prior to seeding. No additional fertilizer was
3. Average yield was 51% higher and test weight 3.2 lb/bu more compared to 2023.

Cooperator: John Reznick

2024 Uniform Wheat Variety Trial: HRWW, Olton (Irrigated)

Rank [†]	Variety	Height (in)	Yield (bu/a)			Test Wt (lb/bu)
			3-Year	2-Year	2024	2024
1	GoWheat 9216H	30	77.9	79.3	77.3	56.5
2	TAM 205	33	77.9	77.6	75.6	57.7
3	TAM 116	31	77.7	79.8	79.4	56.3
4	Showdown	33	77.4	76.7	68.2	54.5
5	TAM 115	30	77.0	76.0	71.2	57.0
6	AP Roadrunner	31	76.0	76.5	67.7	55.4
7	TAM 114	30	75.2	77.7	77.0	57.5
8	OK Corral*	32	74.5	78.8	79.3	55.3
9	SY Wolverine	29	72.9	72.6	71.1	55.9
10	CP7017AX	29	72.1	76.5	73.1	56.0
11	WB4792	30	69.4	67.3	62.0	58.0
12	TAM 112	32	68.9	69.6	64.9	56.4
13	Canvas	28	68.8	71.3	65.7	55.3
14	Dyna-Gro 7322*	33	65.8	67.3	62.8	53.7
15	TAM 204*	30	63.1	66.3	66.4	54.3
16	TAM W-101	31	56.1	54.3	55.9	57.4
17	High Cotton	31		84.0	79.2	56.9
18	TX18A001119	32		79.8	74.5	56.9
19	TX18A001132	31		77.8	74.6	56.9
20	LCS Helix AX	33		74.6	75.9	57.4
21	WB4422	30		72.3	60.5	54.6
22	Breakthrough	29		71.9	65.7	56.7
23	AP Prolific	33		69.7	63.7	55.9
24	Monarch**	29		69.3	51.1	52.4
25	TX18DH313	32			78.6	57.5
26	TAM 113	33			76.6	58.3
27	AP Sunbird	31			76.4	57.8
28	Smith's Gold	29			76.4	57.2
29	TX18DH287	36			65.6	55.1
30	TAM 111	31			62.8	55.5
31	CP7869	28			60.0	55.5
	LSD (0.05)	2	5.6	6.7	6.3	1.2
	CV (%)	5	8.1	7.8	5.4	1.3
	Mean	31	71.9	73.6	69.6	56.2

*Awnless variety. **Hard white wheat variety Yields adjusted to standard moisture of 13.5%.

Bolded values indicate top group based on LSD.

[†]Varieties ranked according to 3-year, 2-year, then 2024 yield averages.

[‡]4-year average based on 2021, 2022, 2023, and 2024 data.

Agronomic Information

Planting Date:	27-Nov
Seeding Rate (seed/ac):	1,250,000
Harvest Date:	24-Jun
Previous Crop:	Black Eyed Peas
In-Season Estimated Precip:	8.7"
Irrigation Amount:	16.5"

Herbicides: Staredown, Tread, 2,4-D, and Nexum were applied by the cooperator.

Trial Notes:

1. The trial was located approximately 1.5 miles east of Olton, TX.
2. The trial had a total of 55N, 30P, 15S was applied during the growing season.
3. Average yield was 11% lower and test weight 4.7 lb/bu less compared to 2023.

Cooperator: Dustin McFadden

2024 Uniform Wheat Variety Trial: HRWW, Plainview (Irrigated)

Rank [†]	Variety	Height (in)	Yield	Test Wt
			(bu/a)	(lb/bu)
			2024	2024
1	AP Sunbird	29	76.0	57.5
2	AP Roadrunner	29	74.2	57.2
3	Monarch**	27	73.9	56.1
4	High Cotton	28	73.6	57.1
5	WB4422	28	73.3	58.0
6	TAM 113	30	72.2	58.2
7	TX18DH313	29	70.9	57.7
8	Smith's Gold	29	70.3	58.3
9	AP Prolific	32	70.1	56.8
10	TAM 116	30	70.0	57.6
11	CP7869	28	69.3	56.3
12	TAM 205	31	69.0	58.8
13	TAM 114	29	68.4	58.6
14	TX18A001132	29	68.2	58.3
15	TAM 112	31	68.1	58.0
16	TX18A001119	30	68.1	58.4
17	CP7017AX	29	68.1	57.5
18	LCS Helix AX	31	67.8	56.9
19	GoWheat 9216H	28	67.6	57.5
20	Dyna-Gro 7322*	29	66.2	55.5
21	TAM 204*	29	65.9	56.2
22	Canvas	29	65.7	58.1
23	Showdown	30	65.4	55.9
24	TAM 115	28	65.2	58.8
25	TAM 111	29	65.2	57.7
26	TAM W-101	29	64.8	57.4
27	OK Corral*	28	63.1	54.8
28	WB4792	27	61.2	58.7
29	Breakthrough	27	60.5	56.4
30	TX18DH287	30	59.6	57.1
31	SY Wolverine	28	58.7	56.7
LSD (0.05)		3	8.9	1.1
CV (%)		6	7.9	1.1
Mean		29	67.8	57.3

*Awnless variety **Hard white wheat variety

Yields adjusted to standard moisture of 13.5%.

Bolded values indicate top group based on LSD.

[†]Varieties ranked according to 2024 yield averages.

Agronomic Information

Planting Date:	24-Oct
Seeding Rate (seed/ac):	1,100,000
Harvest Date:	13-Jun
Previous Crop:	Sorghum
In-Season Estimated Precip:	7"
Irrigation Amount:	14"

Trial Notes:

1. The trial was located approximately 4 miles south of Plainview, TX.
2. The trial had a total of 80N applied during the growing season.

Cooperator: Tom Gregory

Herbicides: Plotter Extra (0.2 oz/ac) and 2,4-D LV6 (0.67pt/ac) were applied.

2024 Uniform Wheat Variety Trial: HRWW, Seagraves (Irrigated)

Rank [†]	Variety	Height (in)	Yield (bu/a)	Test Wt (lb/bu)
			2024	2024
1	AP Roadrunner	26	54.5	58.2
2	Canvas	25	53.1	60.3
3	CP7017AX	25	52.5	59.0
4	TAM 114	25	50.9	60.8
5	TX18DH287	29	50.8	58.3
6	LCS Helix AX	26	49.6	56.9
7	High Cotton	23	49.6	58.7
8	TX18DH313	26	49.5	59.5
9	TX18A001132	25	48.6	59.4
10	TAM 112	24	48.5	59.3
11	TAM 205	24	47.6	61.3
12	TAM 116	26	47.3	58.2
13	Dyna-Gro 7322*	26	47.2	56.4
14	TX18A001119	25	46.9	60.7
15	AP Prolific	24	46.6	58.4
16	Smith's Gold	23	45.6	59.1
17	WB4792	25	45.6	60.4
18	OK Corral*	24	45.0	55.6
19	Monarch**	22	44.6	59.2
20	GoWheat 9216H	23	43.9	59.4
21	TAM 115	25	43.6	60.6
22	CP7869	24	43.2	59.6
23	Breakthrough	24	43.2	59.4
24	TAM W-101	24	42.7	59.3
25	TAM 111	26	42.6	59.5
26	Showdown	25	42.5	56.7
27	WB4422	23	42.2	58.3
28	TAM 204*	25	42.1	56.2
29	TAM 113	24	41.2	57.9
30	AP Sunbird	22	40.1	58.0
31	SY Wolverine	23	38.9	57.3
	LSD (0.05)	2	8.5	2.2
	CV (%)	4	9.4	1.9
	Mean	25	46.1	58.8

*Awnless variety **Hard white wheat variety

Yields adjusted to standard moisture of 13.5%.

Bolded values indicate top group based on LSD.

[†]Varieties ranked according to 2024 yield averages.

Agronomic Information

Planting Date:	21-Nov
Seeding Rate (seed/ac):	1,250,000
Harvest Date:	4-Jun
Previous Crop:	Cotton
In-Season Estimated Precip:	5.6"
Irrigation Amount:	6"

Herbicide: None

Trial Notes:

1. The trial was located approximately 3 miles south of Seagraves, TX.
2. The trial had a total of 50N applied during the growing season.

Cooperator: Delmon Ellison

2024 Uniform Wheat Variety Trial: Rolling Plains Regional Summary

Rank [†]	Variety	Height (in)	Yield (bu/a)			Test Wt (lb/bu)
			AVG	Chillicothe	San Angelo	2024
1	LCS Atomic AX	32	62.5	57.0	68.1	60.1
2	TX18DH313	35	61.0	69.2	52.8	60.1
3	TX18DH287	35	60.8	56.1	65.5	58.7
4	TX18A001119	34	60.2	59.1	61.3	61.4
5	WB4440*	35	57.4	42.7	72.0	61.0
6	TAM 114	32	57.3	51.4	63.1	61.1
7	High Cotton	31	56.6	46.7	66.5	60.3
8	Showdown	35	55.1	51.8	58.3	58.6
9	LCS Warbird AX	31	54.7	49.7	59.7	60.3
10	OK Corral*	32	54.3	54.0	54.6	57.1
11	TX18A001132	32	54.0	51.1	57.0	61.1
12	LCS Helix AX	33	54.0	42.8	65.2	60.1
13	WB4595	32	53.8	38.2	69.3	61.3
14	TAM 205	35	53.6	42.2	65.1	60.9
15	Smith's Gold	31	53.4	52.4	54.4	60.8
16	Gallagher	33	53.4	37.5	69.2	58.3
17	TAM 115	33	53.1	53.6	52.5	61.1
18	Bob Dole	37	53.0	43.1	62.8	59.6
19	Amigos	33	52.2	54.5	49.8	58.2
20	Winterhawk	33	51.0	46.8	55.2	61.2
21	Canvas	29	50.9	39.4	62.5	59.1
22	AP Roadrunner	31	49.8	39.6	60.0	57.3
23	AP Prolific	33	49.5	35.9	63.1	59.3
24	Green Hammer	36	49.4	26.1	72.7	59.4
25	CP7869	30	47.7	55.7	39.8	58.3
26	LCS Radar	29	45.9	48.3	43.5	57.1
27	Uncharted	32	45.1	39.2	50.9	59.2
28	GoWheat 9216H	30	45.0	32.0	57.9	59.1
29	WB4422	30	43.9	29.0	58.8	56.1
30	WB4792	32	43.8	33.6	54.0	60.5
31	Dyna-Gro 7322*	32	42.6	24.5	60.6	54.8
32	CO18035RA	29	41.4	36.8	46.0	58.1
33	TAM 204*	33	41.4	27.6	55.2	51.3
34	Kivari AX	30	41.1	27.9	54.3	57.3
35	CP7017AX	30	40.8	29.6	51.9	57.2
36	LCS Steel AX	31	38.1	27.1	49.1	57.1
37	Guardian	31	36.7	25.0	48.4	58.2
38	AP Sunbird	29	35.4	14.7	56.1	58.3
39	WB4418	28	34.4	18.2	50.6	58.7
40	TAM W-101	30	33.0	9.7	56.2	57.6
41	Whistler	29	23.8	11.9	35.8	54.5
	LSD (0.05)	2	8.0	6.8	14.7	1.1
	CV (%)	4	12.2	8.8	13.2	1.4
	Mean	32	48.6	39.8	57.4	58.8

*Awnless variety. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 2-location yield average

Texas A&M Hard Red Winter Wheat Multi-Year Summary
Rolling Plains (Abilene, Brady, Chillicothe, Munday, San Angelo)

Rank [†]	Name	4 Years [‡]	3 Years	2 Years	1 Year	
		12 loc/yrs	8 loc/yrs	6 loc/yrs	2 loc/yrs	
		Yield	Yield	Yield	Yield	TW
		Bu/A	Bu/A	Bu/A	Bu/A	Lb/bu
1	WB4595	48.7	44.1	41.3	53.8	61.3
2	WB4792	45.1	39.5	33.7	43.8	60.5
3	Bob Dole	45.0	41.9	38.9	53.0	59.6
4	Green Hammer	44.5	40.7	38.8	49.4	59.4
5	TAM 115	44.3	41.2	37.0	53.1	61.1
6	TAM 114	43.7	39.9	35.9	57.3	61.1
7	TAM 205	43.2	41.1	35.4	53.6	60.9
8	Gallagher	43.2	38.7	35.2	53.4	58.3
9	Amigos	42.7	40.5	37.4	52.2	58.2
10	Dyna-Gro 7322*	40.4	38.1	35.3	42.6	54.8
11	TAM W-101	34.8	30.7	26.7	33.0	57.6
12	Smith's Gold		39.7	36.0	53.4	60.8
13	AP Roadrunner		37.3	32.4	49.8	57.3
14	GoWheat 9216H		36.6	31.8	45.0	59.1
15	TX18A001119			40.8	60.2	61.4
16	High Cotton			40.1	56.6	60.3
17	Showdown			40.0	55.1	58.6
18	Canvas			39.9	50.9	59.1
19	TX18A001132			36.4	54.0	61.1
20	Kivari AX			35.7	41.1	57.3
21	CP7017AX			34.7	40.8	57.2
22	OK Corral*			33.6	54.3	57.1
23	WB4422			33.5	43.9	56.1
24	Uncharted			32.8	45.1	59.2
25	Guardian			32.0	36.7	58.2
26	LCS Atomic AX				62.5	60.1
27	TX18DH313				61.0	60.1
28	TX18DH287				60.8	58.7
29	WB4440*				57.4	61.0
30	LCS Warbird AX				54.7	60.3
31	LCS Helix AX				54.0	60.1
32	Winterhawk				51.0	61.2
33	AP Prolific				49.5	59.3
34	CP7869				47.7	58.3
35	LCS Radar				45.9	57.1
36	CO18035RA				41.4	58.1
37	TAM 204*				41.4	51.3
38	LCS Steel AX				38.1	57.1
39	AP Sunbird				35.4	58.3
40	WB4418				34.4	58.7
41	Whistler				23.8	54.5
	LSD (0.05)	2.8	3.4	4.0	8.0	1.1
	CV (%)	12.2	12.7	13.5	12.2	1.4
	Mean	43.2	39.3	35.8	48.6	58.8

*Awnless Variety **Bolded** values indicate top group based on LSD

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 yield averages.

[‡]Data from 2024, 2023, 2021, and 2020 used for multi-year analysis.

2024 Uniform Wheat Variety Trial: HRWW, Chillicothe (Dryland)

Rank [†]	Variety	Height (in)	Yield (bu/a)				Test Wt (lb/bu)
			4-Year [‡]	3-Year	2-Year	2024	2024
1	TAM 115	32	44.8	39.4	46.8	53.6	63.4
2	Amigos	34	42.8	38.9	45.8	54.5	60.0
3	Smith's Gold	30	40.2	35.8	42.8	52.4	61.4
4	Bob Dole	36	39.6	33.2	39.5	43.1	60.6
5	TAM 114	31	38.8	33.4	40.9	51.4	62.1
6	WB4792	30	38.7	31.9	35.7	33.6	--
7	WB4595	30	38.3	32.4	38.3	38.2	62.2
8	TAM 205	32	38.1	31.5	36.8	42.2	61.9
9	Dyna-Gro 7322*	28	35.9	29.7	32.3	24.5	--
10	Green Hammer	32	34.9	29.7	32.9	26.1	--
11	AP Roadrunner	30	34.7	27.7	31.1	39.6	--
12	GoWheat 9216H	28	33.9	28.1	32.7	32.0	--
13	TAM W-101	28	26.8	20.4	20.2	9.7	--
14	Showdown	34		37.8	44.8	51.8	60.9
15	Canvas	28		35.1	39.5	39.4	60.4
16	OK Corral*	32		33.3	43.8	54.0	58.0
17	WB4422	28		29.5	32.7	29.0	--
18	Uncharted	31		29.4	34.8	39.2	59.4
19	CP7017AX	27		29.2	32.5	29.6	--
20	Guardian	29		28.6	32.8	25.0	--
21	TX18A001119	34			47.5	59.1	63.5
22	TX18A001132	30			44.5	51.1	62.3
23	High Cotton	31			43.2	46.7	60.9
24	Gallagher	30			34.7	37.5	--
25	Kivari AX	29			32.3	27.9	--
26	TX18DH313	35				69.2	61.7
27	LCS Atomic AX	31				57.0	60.5
28	TX18DH287	34				56.1	60.5
29	CP7869	30				55.7	61.6
30	LCS Warbird AX	31				49.7	61.4
31	LCS Radar	29				48.3	59.2
32	Winterhawk	30				46.8	62.8
33	LCS Helix AX	31				42.8	60.1
34	WB4440*	33				42.7	60.5
35	CO18035RA	30				36.8	59.6
36	AP Prolific	31				35.9	61.1
37	TAM 204*	29				27.6	--
38	LCS Steel AX	28				27.1	--
39	WB4418	25				18.2	--
40	AP Sunbird	26				14.7	--
41	Whistler	27				11.9	--
	LSD (0.05)	2	3.2	3.9	4.8	6.8	1.0
	CV (%)	4	9.1	10.4	9.3	8.8	0.9
	Mean	30	37.5	31.7	37.5	39.8	61.0

*Awnless variety. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 yield averages.

[‡]4-year average based on 2021, 2022, 2023, and 2024 data.

Agronomic Information

Planting Date:	7-Nov
Seeding Rate (seed/ac):	650,000
Harvest Date:	27-May
Previous Crop:	Fallow
In-Season Estimated Precip:	16.3"
Herbicides:	None

Trial Notes:

1. The trial was located approximately 4.5 miles south of Chillicothe, TX.
2. The trial was fertilized prior to seeding at a rate of 55N. An additional 25N was applied on February 23.
3. Average yield was 11% higher and test weight 0.2 lb/bu less compared to 2023.

Cooperator: Texas A&M AgriLife

2024 Uniform Wheat Variety Trial: HRWW, San Angelo (Irrigated)

Rank [†]	Variety	Height (in)	Yield (bu/a)			Test Wt (lb/bu)
			3-Year [‡]	2-Year	2024	2024
1	WB4595	34	56.7	48.3	69.3	60.5
2	Green Hammer	39	51.6	48.0	72.7	59.5
3	Bob Dole	38	50.5	45.9	62.8	58.6
4	Gallagher	36	48.8	42.8	69.2	58.3
5	Showdown	35	48.1	40.7	58.3	56.4
6	TAM 205	38	47.0	42.9	65.1	59.9
7	TAM 114	33	46.7	41.7	63.1	60.2
8	WB4792	34	44.9	34.9	54.0	60.5
9	TAM 115	34	43.8	36.0	52.5	58.8
10	Dyna-Gro 7322*	36	43.0	42.9	60.6	54.8
11	TAM W-101	33	41.2	38.3	56.2	57.6
12	Amigos	33	39.3	32.7	49.8	56.4
13	TX18A001119	33		43.7	61.3	59.4
14	Canvas	31		43.3	62.5	57.9
15	High Cotton	31		43.2	66.5	59.6
16	Kivari AX	30		40.2	54.3	57.4
17	TX18A001132	33		40.2	57.0	59.9
18	AP Roadrunner	32		39.2	60.0	57.3
19	WB4422	33		38.5	58.8	56.1
20	CP7017AX	32		37.2	51.9	57.2
21	Uncharted	33		37.2	50.9	59.0
22	OK Corral*	32		37.1	54.6	56.3
23	GoWheat 9216H	31		36.6	57.9	59.1
24	Smith's Gold	32		36.3	54.4	60.2
25	Guardian	32		31.5	48.4	58.2
26	WB4440*	37			72.0	61.5
27	LCS Atomic AX	32			68.1	59.8
28	TX18DH287	36			65.5	56.8
29	LCS Helix AX	34			65.2	60.0
30	AP Prolific	35			63.1	57.5
31	LCS Warbird AX	32			59.7	59.2
32	AP Sunbird	33			56.1	58.3
33	Winterhawk	35			55.2	59.7
34	TAM 204*	36			55.2	51.3
35	TX18DH313	35			52.8	58.4
36	WB4418	31			50.6	58.7
37	LCS Steel AX	33			49.1	57.1
38	CO18035RA	28			46.0	56.6
39	LCS Radar	30			43.5	54.9
40	CP7869	29			39.8	55.0
41	Whistler	30			35.8	54.5
	LSD (0.05)	3	7.2	8.3	14.7	2.0
	CV (%)	5	14.0	14.0	13.2	1.8
	Mean	33	46.8	40.0	57.4	58.0

*Awnless variety. Yields adjusted to standard moisture of 13.5%.

Bolded values indicate top group based on LSD.

[†]Varieties ranked according to 3-year, 2-year, then 2024 yield averages.

[‡]3-year average based on 2020, 2023, and 2024 data.

Agronomic Information	
Planting Date:	1-Dec
Seeding Rate (seed/ac):	650,000
Harvest Date:	4-Jun
Previous Crop:	Cotton
In-Season Estimated Precip:	15.6"
Herbicides:	

Trial Notes:
1. The trial was located approximately 14.5 miles northeast of San Angelo, TX.
2. The trial was fertilized prior to seeding. The trial was topdressed prior to jointing.
3. Average yield was 168% higher and test weight was 0.2 lb/bu lower compared to 2023.

Cooperator: Cory Book

2024 Uniform Wheat Variety Trial: HRWW, Blacklands Regional Summary

Rank [†]	Variety	Height (in)	Yield (bu/a)			Test Wt (lb/bu)	Protein (%)
			AVG	Hillsboro	Muenster	2024	2024
1	High Cotton	34	72.2	65.1	79.3	58.2	12.2
2	Bob Dole	40	63.9	56.1	71.8	57.1	11.8
3	TAM 304	32	61.9	46.3	77.6	55.5	13.1
4	TX18DH287	40	61.0	50.8	71.2	56.8	11.7
5	GoWheat 9216H	35	61.0	50.5	71.4	58.1	12.9
6	Uncharted	35	60.8	51.4	70.3	57.6	13.1
7	TX18DH313	37	60.1	52.7	67.5	56.8	12.0
8	Smith's Gold	36	59.8	51.5	68.2	58.1	12.8
9	WB4523	32	59.1	47.4	70.7	55.0	12.4
10	Amigos	40	58.8	50.9	66.6	56.6	13.9
11	TX18A001119	37	57.8	45.7	69.8	58.5	13.3
12	AP Prolific	35	55.7	46.2	65.2	56.4	12.4
13	WB4440*	37	54.6	47.3	62.0	58.5	12.5
14	WB4418	32	53.8	32.9	74.7	58.1	13.4
15	Gallagher	37	53.2	49.2	57.2	57.3	12.6
16	Dyna-Gro 7322*	36	53.2	44.9	61.4	56.3	12.5
17	TX17M1572	36	52.9	39.6	66.2	56.5	12.6
18	AP Roadrunner	35	52.5	40.0	65.0	55.1	12.9
19	TX18A001132	38	50.8	28.8	72.9	55.4	12.1
20	TAM W-101	34	40.5	30.1	50.8	57.1	13.2
LSD (0.05)		1	8.2	9.0	14.2	0.8	0.7
CV (%)		3	10.4	9.8	10.5	1.0	3.9
Mean		36	57.2	46.4	68.0	56.9	12.7

*Awnless variety. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 2-location yield average

Texas A&M Hard Red Winter Wheat Multi-Year Summary
Blacklands (Ennis, Hillsboro, McGregor, Muenster, Greenville, Thrall)

Rank [†]	Name	4 Years [‡]	3 Years	2 Years	1 Year	
		12 loc/yrs	8 loc/yrs	4 loc/yrs	2 loc/yrs	
		Yield	Yield	Yield	Yield	TW
		Bu/A	Bu/A	Bu/A	Bu/A	Lb/bu
1	Bob Dole	60.1	62.4	61.4	63.9	57.1
2	GoWheat 9216H	58.4	60.1	58.6	61.0	58.1
3	AP Roadrunner	55.2	54.6	47.8	52.5	55.1
4	Amigos	55.0	58.7	55.8	58.8	56.6
5	WB4418	54.4	57.4	52.3	53.8	58.1
6	TAM 304	54.1	57.6	54.6	61.9	55.5
7	Dyna-Gro 7322*	54.1	55.7	52.1	53.2	56.3
8	WB4523		58.2	56.1	59.1	55.0
9	High Cotton			59.2	72.2	58.2
10	TX17M1572			54.9	52.9	56.5
11	Uncharted			53.5	60.8	57.6
12	Smith's Gold			50.7	59.8	58.1
13	TX18A001132			50.7	50.8	55.4
14	TX18A001119			50.5	57.8	58.5
15	TX18DH287				61.0	56.8
16	TX18DH313				60.1	56.8
17	AP Prolific				55.7	56.4
18	WB4440*				54.6	58.5
19	Gallagher				53.2	57.3
20	TAM W-101				40.5	57.1
	LSD (0.05)	3.0	3.3	5.4	8.2	0.8
	CV (%)	10.1	9.0	10.5	10.4	1.0
	Mean	55.9	58.1	54.2	57.2	56.9

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 yield averages.

*Awnless Variety

[‡]Data from 2024, 2023, 2022, and 2021 used for multi-year analysis

Bolded values indicate top group based on LSD

2024 Uniform Wheat Variety Trial: SRWW, Blacklands Regional Summary

Rank [†]	Variety	Height (in)	Yield (bu/a)			Test Wt (lb/bu)	Protein (%)
			AVG	Hillsboro	Muenster	2024	2024
1	USG 3354	35	73.0	61.0	84.9	55.9	10.6
2	TX20D5116	33	71.2	58.6	83.8	56.1	11.0
3	LA17179SSP-32-3	33	69.9	61.5	78.3	56.5	12.5
4	AGS 3022	32	69.6	65.2	74.0	57.6	11.7
5	TX20D5145	36	68.7	56.2	81.1	56.3	11.5
6	Progeny #Buster	35	68.4	52.0	84.8	57.3	11.5
7	Blackland 2344	33	67.7	61.4	74.1	57.6	11.5
8	GA151313-LDH-192 -20E48	31	67.7	49.2	86.2	57.6	11.2
9	Dyna-Gro 9593	34	67.1	56.5	77.6	55.3	11.0
10	USG 3783	32	66.4	53.1	79.8	55.3	10.9
11	Blackland 2167	33	65.6	48.0	83.2	55.5	11.0
12	Progeny #Chad*	30	64.7	53.3	76.0	54.6	10.8
13	Dyna-Gro 9393	33	64.5	53.3	75.6	55.2	10.7
14	GoWheat 6000	35	64.5	53.0	75.9	56.1	11.5
15	SCLANC11558-33	31	64.3	50.3	78.4	56.9	11.9
16	Dyna-Gro 9332	36	64.2	51.0	77.3	58.7	10.2
17	Progeny #Turbo*	34	63.6	52.9	74.3	56.3	12.4
18	GANC12915-167-21E3*	33	62.9	45.8	80.0	56.5	12.1
19	TX20D5056	40	62.7	52.1	73.4	55.1	12.0
20	Blackland 2255	33	62.1	42.7	81.5	54.7	11.7
21	Dyna-Gro 9120	33	61.8	48.5	75.2	56.5	11.3
22	LA14272C-86-3-1-3	34	61.7	57.7	65.7	59.8	12.7
23	GA15490ID-19-5-21LE2	34	60.9	47.8	74.0	56.9	11.4
24	TX20D5143	37	59.8	43.6	75.9	53.6	10.5
25	Progeny #Bingo	33	59.1	40.5	77.6	53.7	10.5
26	LA17006-LDH042	34	58.1	47.7	68.4	57.9	11.9
27	Blackland 2034	33	57.6	40.5	74.7	53.5	10.5
28	LA18003-NDH119	35	57.4	44.0	70.9	57.1	11.6
29	Viking 822	36	55.7	38.2	73.2	55.2	11.4
30	Dyna-Gro 9290	34	55.5	45.5	65.4	54.9	11.0
31	Dyna-Gro 9172	33	54.8	42.1	67.5	53.5	10.2
32	GA141045-9-3-2-21LE7	37	53.8	37.2	70.3	58.3	12.3
33	WB2606	33	52.2	37.4	66.9	55.0	12.0
34	WB2545*	33	51.4	33.7	69.0	55.8	12.0
35	LA15203-LDH197	35	51.3	32.7	69.8	56.2	11.7
36	FLGA111151-55	34	48.9	39.0	58.8	55.8	11.4
37	AGS 2055	35	48.4	30.4	66.4	54.9	12.0
38	USG 3673*	33	47.7	35.4	60.0	55.5	11.0
39	Blackland 2383	34	46.0	30.3	61.8	54.4	10.6
40	GA131246LDH-86-21E2	33	42.7	30.4	55.0	53.6	11.9
41	FL15020-50	33	40.2	29.4	51.0	52.2	11.5
42	USG 3574*	31	36.7	24.5	48.8	52.7	11.2
43	FLGA111151-41	34	35.8	28.6	43.1	56.1	12.1
	LSD (0.05)	2	7.3	7.8	12.5	0.8	0.6
	CV (%)	4	9.2	8.9	9.0	1.0	3.8
	Mean	34	58.7	45.6	71.9	55.8	11.4

*Awnless variety. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 2-location yield average

Texas A&M Soft Red Winter Wheat Multi-Year Summary
Blacklands (Ennis, Hillsboro, McGregor, Muenster, Greenville, Thrall)

Rank [†]	Name	4 Years [‡]	3 Years	2 Years	1 Year	
		13 loc/yrs	8 loc/yrs	4 loc/yrs	2 loc/yrs	
		Yield	Yield	Yield	Yield	TW
		Bu/A	Bu/A	Bu/A	Bu/A	Lb/bu
1	Blackland 2344	67.8	65.8	62.0	67.7	57.6
2	Dyna-Gro 9332	64.4	66.1	64.9	64.2	58.7
3	GoWheat 6000	62.8	62.5	62.1	64.5	56.1
4	AGS 2055	60.0	59.0	55.6	48.4	54.9
5	Dyna-Gro 9120	58.4	55.8	45.9	61.8	56.5
6	WB2606	53.7	50.6	40.4	52.2	55.0
7	Dyna-Gro 9393		61.6	55.2	64.5	55.2
8	Blackland 2167		60.2	54.2	65.6	55.5
9	Progeny #Buster		59.3	55.7	68.4	57.3
10	Progeny #Chad		56.5	57.6	64.7	54.6
11	Dyna-Gro 9172		52.2	40.3	54.8	53.5
12	Blackland 2034		51.6	40.7	57.6	53.5
13	TX20D5116			71.4	71.2	56.1
14	AGS 3022			69.3	69.6	57.6
15	Progeny #Turbo			60.6	63.6	56.3
16	USG 3783			56.6	66.4	55.3
17	Dyna-Gro 9290			54.3	55.5	54.9
18	Blackland 2255			51.1	62.1	54.7
19	Viking 822			50.4	55.7	55.2
20	Progeny #Bingo			38.2	59.1	53.7
21	USG 3354				73.0	55.9
22	LA17179SSP-32-3				69.9	56.5
23	TX20D5145				68.7	56.3
24	GA151313-LDH-192 -20E48				67.7	57.6
25	Dyna-Gro 9593				67.1	55.3
26	SCLANC11558-33				64.3	56.9
27	GANC12915-167-21E3				62.9	56.5
28	TX20D5056				62.7	55.1
29	LA14272C-86-3-1-3				61.7	59.8
30	GA15490ID-19-5-21LE2				60.9	56.9
31	TX20D5143				59.8	53.6
32	LA17006-LDH042				58.1	57.9
33	LA18003-NDH119				57.4	57.1
34	GA141045-9-3-2-21LE7				53.8	58.3
35	WB2545				51.4	55.8
36	LA15203-LDH197				51.3	56.2
37	FLGA111151-55				48.9	55.8
38	USG 3673				47.7	55.5
39	Blackland 2383				46.0	54.4
40	GA131246LDH-86-21E2				42.7	53.6
41	FL15020-50				40.2	52.2
42	USG 3574				36.7	52.7
43	FLGA111151-41				35.8	56.1
	LSD (0.05)	3.3	4.0	5.1	7.3	0.8
	CV (%)	10.9	10.3	9.7	9.2	1.0
	Mean	61.2	58.4	54.3	58.7	55.8

*Awnless Variety **Bolded** values indicate top group based on LSD

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 yield averages.

[‡]Data from 2024, 2023, 2022, and 2021 used for multi-year analysis

2024 Uniform Wheat Variety Trial: HRWW, Hillsboro (Dryland)

Rank [†]	Variety	Heading Date	Height (in)	Yield (bu/a)				Test Wt (lb/bu)	Protein (%)
				4-Year [‡]	3-Year	2-Year	2024	2024	2024
1	Bob Dole	86	38	56.5	58.8	60.2	56.1	54.5	13.1
2	GoWheat 9216H	91	34	52.2	55.6	54.7	50.5	54.6	14.4
3	Amigos	90	38	47.0	50.0	50.6	50.9	53.3	15.0
4	WB4418	85	30	45.2	46.7	41.5	32.9	52.3	15.0
5	Dyna-Gro 7322*	89	35	43.3	47.7	47.2	44.9	53.0	13.9
6	TAM 304	84	32	41.5	45.7	46.2	46.3	51.8	14.6
7	AP Roadrunner	95	36	39.4	40.5	36.5	40.0	51.0	14.4
8	WB4523	87	30		49.7	47.1	47.4	52.1	14.4
9	High Cotton	87	34			52.2	65.1	55.3	12.5
10	TX17M1572	94	34			46.9	39.6	52.7	14.0
11	Uncharted	87	33			45.7	51.4	55.2	14.3
12	Smith's Gold	90	35			42.2	51.5	54.3	13.7
13	TX18A001119	92	36			41.5	45.7	55.7	14.6
14	TX18A001132	94	37			37.7	28.8	50.7	13.4
15	TX18DH313	91	36				52.7	53.1	13.7
16	TX18DH287	90	39				50.8	53.5	12.7
17	Gallagher	89	35				49.2	53.9	14.0
18	WB4440*	89	35				47.3	56.0	13.5
19	AP Prolific	93	34				46.2	52.4	14.0
20	TAM W-101	110	34				30.1	53.5	13.9
LSD (0.05)		2	2	4.5	5.4	7.2	9.0	1.1	0.9
CV (%)		1	3	10.4	10.5	11.3	9.8	1.0	3.3
Mean		91	35	46.4	49.3	46.4	46.4	53.4	14.0

*Awnless variety. Yields adjusted to standard moisture of 13.5%. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 yield averages.

[‡]4-year average based on 2021, 2022, 2023, and 2024 data.

Agronomic Information

Planting Date:	14-Nov
Seeding Rate (seed/ac):	750,000
Harvest Date:	28-May
Previous Crop:	Corn
In-Season Estimated Precip:	32.4"
Herbicides:	None

Trial Notes:

1. The trial was located approximately 3 miles northeast of Abbott, TX.
2. The trial was fertilized preplant by the cooperator. An additional 99N was applied on February 8.
3. Average yield was the same and test weight was 6.8 lb/bu lower compared to 2023.

Cooperator: P&M Farms

2024 Uniform Wheat Variety Trial: SRWW, Hillsboro (Dryland)

Rank [†]	Variety	Heading Date	Height (in)	Yield (bu/a)				Test Wt (lb/bu)	Protein (%)
				4-Year [‡]	3-Year	2-Year	2024	2024	2024
1	GoWheat 6000	88	35	57.6	57.1	53.7	53.0	52.7	12.7
2	Blackland 2344	90	34	55.3	55.2	53.8	61.4	55.4	13.1
3	Dyna-Gro 9332	89	36	54.8	56.3	54.2	51.0	56.1	10.8
4	AGS 2055	89	35	50.3	49.2	42.8	30.4	51.6	13.6
5	Dyna-Gro 9120	93	34	43.0	42.8	35.7	48.5	52.9	13.3
6	WB2606	96	32	35.9	33.4	25.1	37.4	50.7	13.2
7	Dyna-Gro 9393	91	33		54.7	50.3	53.3	52.0	12.1
8	Progeny #Chad*	88	30		49.4	52.5	53.3	51.5	11.7
9	Progeny #Buster	90	34		49.1	46.1	52.0	54.2	12.4
10	Dyna-Gro 9172	94	34		42.4	32.7	42.1	50.3	11.7
11	AGS 3022	89	32			65.8	65.2	55.7	12.6
12	TX20D5116	89	32			62.2	58.6	53.3	12.0
13	Progeny #Turbo*	88	34			55.9	52.9	54.0	13.3
14	USG 3783	92	32			49.9	53.1	52.0	12.2
15	Dyna-Gro 9290	88	34			48.1	45.5	51.3	12.4
16	Viking 822	94	37			42.4	38.2	52.1	12.9
17	Progeny #Bingo	92	34			25.0	40.5	50.2	11.7
18	LA17179SSP-32-3	89	33				61.5	54.3	13.8
19	USG 3354*	88	34				61.0	53.3	11.7
20	LA14272C-86-3-1-3	89	34				57.7	57.2	14.1
21	Dyna-Gro 9593	92	35				56.5	52.4	12.4
22	TX20D5145	89	35				56.2	53.5	12.3
23	TX20D5056	96	40				52.1	52.6	13.0
24	SCLANC11558-33	90	30				50.3	54.3	13.3
25	GA151313-LDH-192 -20E48	90	30				49.2	54.8	12.0
26	Blackland 2167	93	34				48.0	51.9	12.8
27	GA15490ID-19-5-21LE2	90	34				47.8	54.3	12.4
28	LA17006-LDH042	91	34				47.7	55.7	12.7
29	GANC12915-167-21E3*	89	33				45.8	53.8	13.4
30	LA18003-NDH119	90	35				44.0	54.6	12.3
31	TX20D5143	111	36				43.6	50.7	11.3
32	Blackland 2255	90	33				42.7	51.4	13.4
33	Blackland 2034	94	33				40.5	50.1	12.2
34	FLGA111151-55	92	34				39.0	52.9	12.1
35	GA141045-9-3-2-21LE7	90	36				37.2	55.6	13.4
36	USG 3673*	90	32				35.4	52.8	12.1
37	WB2545*	97	34				33.7	52.2	13.4
38	LA15203-LDH197	89	35				32.7	54.0	12.9
39	GA131246LDH-86-21E2	93	33				30.4	51.1	12.6
40	Blackland 2383	89	33				30.3	51.4	12.0
41	FL15020-50	89	33				29.4	48.6	13.1
42	FLGA111151-41	95	35				28.6	53.6	13.1
43	USG 3574*	94	30				24.5	49.8	12.2
	LSD (0.05)	2	3	4.1	5.1	6.2	7.8	1.2	0.7
	CV (%)	1	4	9.1	9.7	9.9	8.9	1.1	3.0
	Mean	91	34	49.5	50.7	48.2	45.6	52.9	12.6

*Awnless variety. Yields adjusted to standard moisture of 13.5%. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 yield averages.

[‡]4-year average based on 2021, 2022, 2023, and 2024 data.

Agronomic Information

Planting Date:	14-Nov
Seeding Rate (lbs/acre):	68
Harvest Date:	28-May
Previous Crop:	Corn
In-Season Estimated Precip:	32.4"
Herbicides: None	

Trial Notes:

1. The trial was located approximately 3 miles northeast of Abbott, TX.
2. The trial was fertilized preplant by the cooperator. An additional 99N was applied on February 8.
3. Average yield was the same and test weight was 7.9 lb/bu lower compared to 2023.

Cooperator: P&M Farms

2024 Uniform Wheat Variety Trial: HRWW, Muenster (Dryland)

Rank [†]	Variety	Heading Date	Height (in)	Yield (bu/a)		Test Wt (lb/bu)	Protein (%)
				2-Year [‡]	2024	2024	2024
1	TAM 304	91	33	79.4	77.6	59.2	11.7
2	Bob Dole	94	41	76.5	71.8	59.7	10.4
3	Amigos	98	41	74.1	66.6	59.9	12.8
4	WB4418	96	34	73.6	74.7	59.9	11.8
5	AP Roadrunner	102	35	71.3	65.0	59.1	11.3
6	WB4523	94	33	70.8	70.7	58.0	10.3
7	Dyna-Gro 7322*	98	36	69.6	61.4	59.7	11.2
8	GoWheat 9216H	97	36	68.9	71.4	61.6	11.5
9	AP Prolific	100	35	68.6	65.2	60.3	10.8
10	TAM W-101	107	34	59.8	50.8	60.7	12.4
11	High Cotton	94	35		79.3	61.1	11.8
12	TX18A001132	101	38		72.9	60.0	10.8
13	TX18DH287	98	41		71.2	60.2	10.6
14	Uncharted	92	37		70.3	59.9	12.0
15	TX18A001119	99	37		69.8	61.4	11.9
16	Smith's Gold	98	36		68.2	62.0	11.8
17	TX18DH313	97	38		67.5	60.6	10.2
18	TX17M1572	99	37		66.2	60.3	11.2
19	WB4440*	94	39		62.0	61.1	11.5
20	Gallagher	96	39		57.2	60.7	11.2
	LSD (0.05)	2	2	8.7	14.2	1.2	1.1
	CV (%)	1	3	9.0	10.5	1.0	4.7
	Mean	97	37	71.2	68.0	60.3	11.4

*Awnless variety. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 2-year then 2024 yield averages.

[‡]2-year average based on 2022 and 2024 data.

Agronomic Information

Planting Date:	8-Nov
Seeding Rate (seed/ac):	750,000
Harvest Date:	27-May
Previous Crop:	Corn
In-Season Estimated Precip:	20.1"
Herbicides: Ally (0.15 oz/ac) and Dimethoate (12oz/ac)	were applied on February 9.

Trial Notes:

1. The trial was located approximately 7 miles northeast of Muenster, TX.
2. The trial was fertilized prior to planting at a rate of 15N, 40P, 30K, 10S. An additional 80N, 14S was applied on February 9.
3. Average yield was 10% lower and test weight 0.6 lb/bu less compared to 2022.

Cooperator: Scott Hermis

2024 Uniform Wheat Variety Trial: SRWW, Muenster (Dryland)

Rank [†]	Variety	Heading Date	Height (in)	Yield (bu/a)		Test Wt (lb/bu)	Protein (%)
				2-Year [‡]	2024	2024	2024
1	Progeny #Buster	97	35	78.7	84.8	60.3	10.5
2	Blackland 2167	99	32	77.9	83.2	59.1	9.3
3	Dyna-Gro 9393	99	32	77.1	75.6	58.4	9.3
4	Dyna-Gro 9120	99	32	76.7	75.2	60.1	9.4
5	Dyna-Gro 9332	98	36	76.2	77.3	61.2	9.7
6	Blackland 2344	97	31	75.5	74.1	59.8	9.8
7	GoWheat 6000	96	34	75.3	75.9	59.5	10.4
8	WB2606	101	34	74.0	66.9	59.3	10.7
9	Blackland 2034	99	32	72.2	74.7	56.9	8.7
10	Progeny #Chad	94	31	71.2	76.0	57.6	9.9
11	Dyna-Gro 9172	99	31	71.0	67.5	56.7	8.6
12	AGS 2055	98	35	67.7	66.4	58.2	10.3
13	GA151313-LDH-192 -20E48	99	31		86.2	60.3	10.3
14	USG 3354	93	35		84.9	58.5	9.5
15	TX20D5116	96	33		83.8	58.8	9.9
16	Blackland 2255	97	32		81.5	57.9	10.1
17	TX20D5145	98	37		81.1	59.2	10.8
18	GANC12915-167-21E3	93	34		80.0	59.2	10.8
19	USG 3783	99	31		79.8	58.5	9.5
20	SCLANC11558-33	92	32		78.4	59.5	10.5
21	LA17179SSP-32-3	90	33		78.3	58.7	11.3
22	Progeny #Bingo	98	33		77.6	57.2	9.2
23	Dyna-Gro 9593	98	33		77.6	58.3	9.6
24	TX20D5143	107	38		75.9	56.5	9.8
25	Progeny #Turbo	93	34		74.3	58.5	11.4
26	GA15490ID-19-5-21LE2	98	35		74.0	59.4	10.4
27	AGS 3022	90	32		74.0	59.6	10.7
28	TX20D5056	101	40		73.4	57.5	11.0
29	Viking 822	99	36		73.2	58.2	9.8
30	LA18003-NDH119	98	35		70.9	59.6	10.9
31	GA141045-9-3-2-21LE7	99	37		70.3	61.0	11.2
32	LA15203-LDH197	91	35		69.8	58.4	10.5
33	WB2545	99	33		69.0	59.3	10.7
34	LA17006-LDH042	100	33		68.4	60.2	11.1
35	LA14272C-86-3-1-3	94	33		65.7	62.4	11.2
36	Dyna-Gro 9290	97	33		65.4	58.4	9.5
37	Blackland 2383	97	35		61.8	57.3	9.3
38	USG 3673	95	33		60.0	58.3	10.0
39	FLGA111151-55	98	34		58.8	58.6	10.7
40	GA131246LDH-86-21E2	99	33		55.0	56.2	11.2
41	FL15020-50	97	32		51.0	55.8	10.0
42	USG 3574	99	31		48.8	55.6	10.2
43	FLGA111151-41	98	33		43.1	58.6	11.0
	LSD (0.05)	2	3	NS	12.5	1.0	1.0
	CV (%)	1	4	11.2	9.0	0.9	4.8
	Mean	97	34	74.5	71.9	58.7	10.2

*Awnless variety. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 2-year then 2024 yield averages.

[‡]2-year average based on 2022 and 2024 data.

Agronomic Information

Planting Date:	8-Nov
Seeding Rate (lb/ac):	68
Harvest Date:	27-May
Previous Crop:	Corn
In-Season Estimated Precip:	20.1"
Herbicides: Ally (0.15 oz/ac) and Dimethoate (12oz/ac) were applied on February 9.	

Trial Notes:

1. The trial was located approximately 7 miles northeast of Muenster, TX.
2. The trial was fertilized prior to planting at a rate of 15N, 40P, 30K, 10S. An additional 80N, 14S was applied on February 9.
3. Average yield was 4% lower and test weight 2.2 lb/bu less compared to 2022.

Cooperator: Scott Hermis

2024 Uniform Wheat Variety Trial: HRWW, South Texas Regional Summary

Rank [†]	Variety	Height (in)	Yield (bu/a)		Test Wt	Protein	
			AVG	Castroville	College Station	(lb/bu)	(%)
1	TX18A001119	36	77.5	71.9	83.1	59.4	15.8
2	WB4401	33	64.8	68.5	61.2	55.5	15.3
3	High Cotton	32	60.0	68.6	51.5	58.5	14.5
4	TX20D5145**	34	59.4	67.5	51.2	54.3	14.9
5	TX17M1572	33	58.0	57.4	57.8	55.2	16.2
6	TAM 304	31	57.6	61.7	53.5	54.7	16.6
7	Amigos	36	57.0	57.4	56.6	55.7	17.6
8	GoWheat 9216H	33	56.1	56.6	55.6	57.3	16.6
9	WB4523	29	55.4	51.2	59.6	53.6	16.0
10	TX18DH313	35	51.8	56.0	47.7	56.8	15.3
11	TX18DH287	37	51.6	48.9	54.3	55.4	15.2
12	Smith's Gold	32	50.0	57.2	42.8	56.3	16.0
13	Dyna-Gro 7322*	33	47.6	47.9	47.3	53.1	17.4
14	LCS Helix AX	35	41.8	39.8	43.9	55.3	14.5
15	LCS Radar	33	40.4	39.6	41.1	51.2	17.4
16	LCS Atomic AX	33	38.6	32.5	44.8	53.5	14.8
17	TAM W-101	32	35.8	34.9	36.6	53.0	16.3
18	LCS Steel AX	33	35.6	29.8	41.4	50.3	15.0
19	TX18A001132	33	33.2	31.1	35.3	54.2	15.1
20	LCS Warbird AX	32	20.7	19.8	21.6	53.0	15.0
LSD (0.05)		2	6.7	8.1	11.2	1.2	0.6
CV (%)		5	9.9	8.2	11.4	1.5	2.7
Mean		33	49.6	49.9	49.3	54.8	15.8

*Awnless variety. **Soft Red Winter Variety. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 2-location yield average

Texas A&M Hard Red Winter Wheat Multi-Year Summary
South Texas (Castroville, College Station)

Rank [†]	Name	3 Years [‡] 6 loc/yr	2 Years 4 loc/yr	1 Year 2 loc/yr	
		Yield Bu/A	Yield Bu/A	Yield Bu/A	TW Lb/bu
1	TAM 304	38.9	42.1	57.6	54.7
2	Dyna-Gro 7322*	37.8	39.8	47.6	53.1
3	Amigos	36.7	40.3	57.0	55.7
4	TAM W-101	26.2	25.6	35.8	53.0
5	WB4401		52.7	64.8	55.5
6	GoWheat 9216H		47.9	56.1	57.3
7	Smith's Gold		43.3	50.0	56.3
8	TX18A001119			77.5	59.4
9	High Cotton			60.0	58.5
10	TX20D5145**			59.4	54.3
11	TX17M1572			57.6	55.2
12	WB4523			55.4	53.6
13	TX18DH313			51.8	56.8
14	TX18DH287			51.6	55.4
15	LCS Helix AX			41.8	55.3
16	LCS Radar			40.4	51.2
17	LCS Atomic AX			38.6	53.5
18	LCS Steel AX			35.6	50.3
19	TX18A001132			33.2	54.2
20	LCS Warbird AX			20.7	53.0
LSD (0.05)		3.8	4.7	6.7	1.2
CV (%)		11.3	10.9	9.9	1.5
Mean		34.9	41.7	49.6	54.8

[†]Varieties ranked according to 3-year, 2-year, then 2024 yield averages.

*Awnless Variety

**Soft Red Winter Wheat Variety

[‡]Data from 2024, 2021, and 2020 used for multi-year analysis

Bolded values indicate top group based on LSD



TEXAS A&M
AGRI LIFE
EXTENSION

2024 Uniform Wheat Variety Trial: HRWW, Castroville (Irrigated)

Rank [†]	Variety	Height (in)	Lodging (%)	Yield (bu/a)			Test Wt (lb/bu)	Protein (%)
				3-Year [‡]	2-Year	2024	2024	2024
1	TAM 304	32	83	42.4	52.6	61.7	56.1	16.0
2	Dyna-Gro 7322*	32	77	35.6	42.3	47.9	54.6	17.5
3	Amigos	33	60	33.6	39.9	57.4	56.0	17.4
4	TAM W-101	32	87	24.3	23.9	34.9	52.2	16.5
5	WB4401	33	87		66.3	68.5	56.1	15.0
6	Smith's Gold	31	67		53.7	57.2	57.6	15.8
7	GoWheat 9216H	32	63		51.2	56.6	57.9	16.5
8	TX18A001119	34	77			71.9	60.2	16.1
9	High Cotton	32	80			68.6	60.3	14.7
10	TX20D5145**	32	53			67.5	54.9	15.2
11	TX17M1572	32	57			57.4	55.4	15.8
12	TX18DH313	35	97			56.0	57.4	14.9
13	WB4523	30	100			51.2	53.2	15.4
14	TX18DH287	34	77			48.9	56.1	15.7
15	LCS Helix AX	35	70			39.8	55.7	14.2
16	LCS Radar	31	57			39.6	51.6	17.7
17	LCS Atomic AX	31	63			32.5	52.0	14.1
18	TX18A001132	31	73			31.1	54.3	15.2
19	LCS Steel AX	30	73			29.8	49.2	14.6
20	LCS Warbird AX	29	30			19.8	53.4	14.6
LSD (0.05)		3	20	5.9	7.0	8.1	1.6	0.8
CV (%)		5	14	12.1	10.8	8.2	1.5	2.4
Mean		32	72	34.0	47.1	49.9	55.2	15.6

*Awnless variety. **Soft Red Winter Variety. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 3-year, 2-year, then 2024 yield averages.

[‡]3-year average based on 2020, 2021, and 2024 data.

Agronomic Information

Planting Date:	20-Nov
Seeding Rate (seed/ac):	750,000
Harvest Date:	11-May
Previous Crop:	Corn
In-Season Estimated Precip:	10.8"
Soil pH:	7.8

Herbicides: Ally (0.1 oz/ac) was applied on December 19.
Huskie (11 oz/ac) was applied on February 1.

Trial Notes:

1. The trial was located approximately 5 miles east of Castroville, TX.
2. The trial was fertilized prior to seeding at a rate of 200N, 70P, 20S. An additional 50N was applied on February 1.
3. Average yield was 12% higher and test weight 1.6 lb/bu more compared to 2021.

Cooperator: Rollin Mangold

2024 Uniform Wheat Variety Trial: HRWW, College Station (Dryland)

Rank [†]	Variety	Height (in)	Yield (bu/a)				Test Wt	Protein
			4-Year [‡]	3-Year	2-Year	2024	(lb/bu)	(%)
1	TAM W-101	32	25.6	26.2	24.7	36.6	53.9	16.0
2	TAM 304	31		46.6	48.5	53.5	53.3	17.3
3	Dyna-Gro 7322*	34		43.1	42.1	47.3	51.7	17.3
4	Amigos	38		38.9	39.5	56.6	55.4	17.7
5	WB4401	32			62.6	61.2	54.8	15.6
6	GoWheat 9216H	35			50.7	55.6	56.6	16.8
7	Smith's Gold	33			46.5	42.8	55.0	16.2
8	TX18A001119	38				83.1	58.5	15.5
9	WB4523	28				59.6	53.9	16.5
10	TX17M1572	35				57.8	55.0	16.7
11	TX18DH287	39				54.3	54.7	14.8
12	High Cotton	32				51.5	56.7	14.3
13	TX20D5145**	35				51.2	53.6	14.7
14	TX18DH313	34				47.7	56.2	15.7
15	LCS Atomic AX	34				44.8	55.0	15.5
16	LCS Helix AX	36				43.9	54.9	14.7
17	LCS Steel AX	36				41.4	51.4	15.3
18	LCS Radar	34				41.1	50.7	17.1
19	TX18A001132	35				35.3	54.0	15.0
20	LCS Warbird AX	35				21.6	52.6	15.4
	LSD (0.05)	4	--	5.7	8.0	11.2	1.7	0.9
	CV (%)	5	--	11.3	12.4	11.4	1.6	2.9
	Mean	34	--	38.7	45.0	49.3	54.4	15.9

*Awnless variety. **Soft Red Winter Variety. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 yield averages.

[‡]4-year average based on 2019, 2020, 2021, and 2024 data.

Agronomic Information

Planting Date:	7-Nov
Seeding Rate (seed/ac):	750,000
Harvest Date:	15-May
Previous Crop:	Sorghum
In-Season Estimated Precip:	27.0"
Soil pH:	7.9
Herbicides: Ally XP (0.1oz) and Amber (0.3oz) were applied on November 22.	

Trial Notes:

1. The trial was located approximately 8 miles southwest of College Station, TX.
2. The nursery was fertilized prior to seeding at a rate of 17.5N, 59P. An additional 70N was applied on January 18.
3. Average yield was 85% higher and test weight 7.2 lb/bu more compared to 2021.

Cooperator: Texas A&M Research Farm

2024 Uniform Wheat Variety Trial: HRSW, Castroville (Irrigated)

Rank [†]	Variety	Source	Yield	Test Wt	Protein
			(bu/a)	(lb/bu)	(%)
			2024	2024	2024
1	Espresso (1.5M)	Westbred	68.2	60.1	16.2
2	Espresso (1.25M)	Westbred	66.8	60.1	16.1
3	LCS Cannon	Limagrain	64.8	61.2	15.7
4	24HRS105	Nutrien	63.1	56.8	15.5
5	LCS Buster	Limagrain	62.4	56.3	14.4
6	LCS Trigger	Limagrain	61.6	58.2	14.1
7	LCS Ascent	Limagrain	59.9	59.4	15.2
8	Commander	Nutrien	56.9	56.5	16.2
9	WB9518	Westbred	56.6	59.5	16.0
10	Ambush	Nutrien	54.3	60.4	16.6
11	24HRS106	Nutrien	54.2	57.2	14.6
12	24HRS107	Nutrien	48.7	57.2	14.9
13	24HRS104	Nutrien	46.1	59.5	14.9
14	24HRS102	Nutrien	44.8	55.8	13.1
15	LCS Hammer AX	Limagrain	43.8	55.7	15.9
16	24HRS103	Nutrien	43.7	54.9	15.3
17	24HRS101	Nutrien	40.9	56.9	13.8
18	Ballistic	Nutrien	34.2	56.6	17.7
LSD (0.05)			12.7	1.4	0.4
CV (%)			11.8	1.2	1.4
Mean			53.9	57.9	15.3

[†]Varieties ranked according to 2024 yield averages.

Bolded values indicate top group based on LSD.

Agronomic Information

Trial Notes:

Planting Date:	19-Dec
Seeding Rate (seed/ac):	1,250,000
Harvest Date:	11-May
Previous Crop:	Corn
In-Season Estimated Precip:	8.6"
Soil pH:	7.8

1. The trial was located approximately 5 miles east of Castroville, TX.
2. The trial was fertilized prior to seeding at a rate of 200N, 70P, 20S. An additional 50N was applied on February 1.
3. Average yield was 88% higher compared to 2020.

Herbicides: Huskie (11 oz/ac) was applied on February 1.

Cooperator: Rollin Mangold

Cultural Data for 2024 TAMU Wheat Dual-Purpose Trial Locations

Region	Site Information										
	Location ¹	Coordinates	Cooperator	Yield Limiting Issue	Seeding Rate	Planting Date	Harvest Date	Season ² Precipitation	Water	Soil Type	
Rolling Plains	Northern	Foard County	33.987157, -99.681015	Ronnie Allen	Foliar Diseases	1.4M Seeds/ac	10/11/2023	5/22/2024	18.1"	Dryland	Rotan Clay Loam
		Haskell County	33.354880, -99.517570	Mike Urbanzck	Foliar Diseases- Data Not Shown	1.4M Seeds/ac	11/13/2023	6/7/2024	22.6"	Dryland	Rotan Clay Loam
		Wilbarger County	34.179296, -99.055502	Bruce Gillis	ABANDONED- Animal Damage	1.4M Seeds/ac	10/9/2023	--	19.5"	Dryland	Tipton Loam
	Southern	Millersview	31.410129, -99.754997	Mickey Dillard	ABANDONED- Hail	1.0M Seeds/ac	11/8/2023	--	15.7"	Dryland	Rowena Clay Loam
		San Angelo	31.5488, -100.5104	TAMU AgriLife	Drought	1.0M Seeds/ac	10/24/2023	6/6/2024	10.8"	Dryland	Angelo Clay Loam
Blacklands	McGregor	31.373440, -97.451742	TAMU AgriLife	ABANDONED- Hail	1.2M Seeds/ac	10/3/2023	--	28.1"	Dryland	Slidell Silty Clay	

¹All locations were planted into conventionally tilled seedbeds.

²In-season total radar estimated rainfall.

2024 Wheat Dual-Purpose Variety Trial- Foard (Dryland)

Rank [†]	Variety	Height (in)	Forage Yield (DM lbs/ac)			Dual- Purpose Grain (bu/ac)			Grain Only (bu/ac)			TW (lbs/bu)
			3YR	2YR	2024	3YR	2YR	2024	3YR	2YR	2024	
1	Green Hammer	26	2355	2666	3989	39.5	39.2	35.9	37.8	34.7	32.3	60.4
2	WB4595	28	1904	1801	2757	41.4	42.9	39.2	45.3	39.8	35.1	63.7
3	OK Corral*	28	1687	2320	3043	-	-	44.3	-	-	46.4	58.8
4	WB4792	29	1648	1644	2928	41.7	43.4	42.3	47.4	40.7	40.7	62.9
5	TAM 205	28	1602	1735	2557	40.0	42.9	39.3	45.3	39.8	37.6	62.2
6	Smith's Gold	30		2531	3841		44.0	43.9		43.0	45.9	61.1
7	Bob Dole	28		2094	3224		43.4	39.0		43.3	39.6	59.6
8	Amigos	29			4094			45.6			50.8	60.4
9	Dyna-Gro 7322*	28			3800			36.7			35.5	59.6
10	WB4440*	28			3635			31.3			28.5	59.9
11	AP Roadrunner	28			3213			37.6			34.7	62.4
12	Showdown	27			3150			49.0			53.0	61.6
13	High Cotton	24			2760			44.0			46.2	60.2
14	AP Sunbird	27			2604			22.9			23.1	60.5
15	XH4016A	24			2598			30.7			15.7	58.0
16	AP Prolific	27			2439			39.6			45.8	61.3
17	Uncharted	26			2324			31.9			16.7	60.5
18	TAM 114	26			2319			34.6			25.9	62.3
19	TAM 116	29			1860			33.2			26.5	62.2
LSD (0.05)		NS	--	--	1558	--	--	6.9	--	--	9.4	3.3
CV(%)		7	--	--	26	--	--	9.1	--	--	13.2	2.7
Mean		27	1839	2113	3007	40.7	42.6	38.0	44.0	40.2	35.8	60.9

*Awnless variety. **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 3-year, 2-year, then 2024 forage yield averages.

Agronomic Information

Planting Date:	11-Oct
Seeding Rate (seed/ac):	1,400,000
Forage Clipping 1:	11-Jan
Forage Clipping 2:	26-Feb
Grain Harvest:	22-May
In-Season Estimated Precip:	18.1"
Herbicides: Huskie and Axial Bold were applied on February 21.	

Trial Notes:

1. The trial was located approximately 2.5 miles east of Crowell, TX.
2. The trial was fertilized at planting at a rate of 42N. An additional 42N was applied on Feb 7.
3. Average forage yield was 264% higher while dual-purpose grain yield was 21% lower compared to 2023.
4. There were no statistical differences observed between grain yields for dual-purpose and grain only trials in 2024.

Cooperator: Ronnie Allen

Cultural Data for 2023 TAMU Forage Trial Locations

Region	Site Information								
	Location ¹	Coordinates	Cooperator	Yield Limiting Issue	Seeding Rate	Planting Date	Season ² Precipitation	Water	Soil Type
High Plains	Bushland	35.171832, -102.097805	TAMU AgriLife Research & Extension	ABANDONED- Emergence	1.2M Seeds/ac	9/25/2023	6.8"	Irrigated	Pullman Clay Loam
Rolling Plains	Eula	32.357355, -99.556515	Susan Davis	Drought	1.0M Seeds/ac	11/8/2023	9.2"	Dryland	Pedernales Fine Sandy Loam
	Millersview	31.410129, -99.754997	Mickey Dillard	Drought	1.0M Seeds/ac	11/8/2023	5.5"	Dryland	Rowena Clay Loam
	San Angelo	31.5488, -100.5104	TAMU AgriLife Research & Extension	Drought	1.0M Seeds/ac	10/24/2023	7.1"	Dryland	Angelo Clay Loam
Blacklands	McGregor	31.373440, -97.451742	TAMU AgriLife Research & Extension	None	1.2M Seeds/ac	10/3/2023	19.1"	Dryland	Slidell Silty Clay
South Texas	College Station	30.537690, -96.423510	TAMU AgriLife Research & Extension	Drought	1.2M Seeds/ac	10/10/2023	17.8"	Dryland	Belk Clay

¹All locations were planted into conventionally tilled seedbeds.

²In-season total radar estimated rainfall.

2024 Forage Variety Trials: Southern Rolling Plains Regional Summary

Rank [†]	Variety	Species	Source	Dry Matter Yield (lb/a)			
				AVG	Eula	Millersview	San Angelo
1	TAM 205	HRW	Adaptive Genetics	5550	5164	4112	7373
2	TAM 116	HRW	Adaptive Genetics	5341	5007	3167	7848
3	TX18DH858	HRW	TAMU	5080	4654	3446	7141
4	AP Sunbird	HRW	AgriPro	5073	4992	3286	6942
5	TX20AT2015	Triticale	TAMU	4928	5670	3785	5329
6	Amigos	HRW	Adaptive Genetics	4681	4410	3948	5684
7	TX20AT2018	Triticale	TAMU	4648	5730	3359	4855
8	Weathermaster 135	HRW	Unknown	4633	4001	2949	6948
9	TAM 114	HRW	Adaptive Genetics	4618	4774	3555	5527
10	Bob	Oat	Specialty Seed	4545	4214	3942	5479
11	TX20AT2005	Triticale	TAMU	4539	4822	3557	5237
12	Buckaroo	Barley	Turner Seed	4416	4432	4232	4584
13	TX18OCS9061	Oat	TAMU	4331	4075	4416	4502
14	Fall Grazing Mix	Blend	Turner Seed	4270	4284	3395	5132
15	SY Razor	HRW*	AgriPro	4217	3767	3679	5205
16	AP Roadrunner	HRW	AgriPro	4188	4716	3242	4604
17	AP Prolific	HRW	AgriPro	4120	4832	3322	4205
18	TX20AT2014	Triticale	TAMU	4073	5034	3021	4164
19	AP Longjack	HRW	AgriPro	4071	4876	3154	4184
20	Bob Dole	HRW	AgriPro	4041	4892	3742	3488
21	TX16OCS7093	Oat	TAMU	4015	3614	3604	4826
22	TX15OCS6163	Oat	TAMU	3959	3785	3951	4141
23	TX17OCS8075	Oat	TAMU	3952	3817	3635	4405
24	TX07CS1948	Oat	TAMU	3883	4012	3729	3908
LSD (0.05)				705	1370	935	1391
CV(%)				14	15	13	14
Mean				4466	4566	3593	5238

*Awnless Variety **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 3-location yield average

2024 Statewide Cool-Season Forage Variety Trial- Eula (Dryland)

Rank [†]	Variety	Species	Source	Dry Matter Yield (lb/a)			
				Clip 1 1/12/24	Clip 2 3/5/24	Clip 3 4/17/24	Total 2024
1	TX20AT2018	Triticale	TAMU	409	1346	3975	5730
2	TX20AT2015	Triticale	TAMU	457	1024	4188	5670
3	TAM 205	HRW	Adaptive Genetics	221	896	4048	5164
4	TX20AT2014	Triticale	TAMU	434	904	3697	5034
5	TAM 116	HRW	Adaptive Genetics	206	901	3900	5007
6	AP Sunbird	HRW	AgriPro	389	1500	3103	4992
7	Bob Dole	HRW	AgriPro	298	1204	3391	4892
8	AP Longjack	HRW	AgriPro	342	884	3650	4876
9	AP Prolific	HRW	AgriPro	311	1034	3488	4832
10	TX20AT2005	Triticale	TAMU	452	835	3534	4822
11	TAM 114	HRW	Adaptive Genetics	234	1115	3424	4774
12	AP Roadrunner	HRW	AgriPro	321	1115	3280	4716
13	TX18DH858	HRW	TAMU	333	1233	3088	4654
14	Buckaroo	Barley	Turner Seed	314	872	3246	4432
15	Amigos	HRW	Adaptive Genetics	364	1119	2927	4410
16	Fall Grazing Mix	Blend	Turner Seed	257	850	3177	4284
17	Bob	Oat	Specialty Seed	242	747	3224	4214
18	TX18OCS9061	Oat	TAMU	381	879	2816	4075
19	TX07CS1948	Oat	TAMU	117	720	3175	4012
20	Weathermaster 135	HRW	Unknown	245	1027	2729	4001
21	TX17OCS8075	Oat	TAMU	234	710	2873	3817
22	TX15OCS6163	Oat	TAMU	220	872	2693	3785
23	SY Razor	HRW*	AgriPro	388	1294	2085	3767
24	TX16OCS7093	Oat	TAMU	253	701	2660	3614
LSD (0.05)				165	451	1158	1370
CV(%)				27	23	18	15
Mean				309	991	3265	4566

*Awnless Variety **Bolded** values indicate top group based on LSD.

Agronomic Information

Planting Date	8-Nov
Seeding Rate (seed/ac)	1,000,000
Previous Crop	Wheat
In-Season Radar Estimated Precip	9.2"
Herbicides: MCPA (16oz/ac) was applied on February 7, 2024.	

Trial Notes:

1. The trial was located approximately 1 mile north of Eula, TX.
2. The trial was not fertilized prior to seeding. The plots were topdressed at a rate of 30N on Feb 7.
3. Average total dry matter production was 72% higher than 2023.

Cooperator: Susan Davis

2024 Statewide Cool-Season Forage Variety Trial- Eula (Dryland)

Rank [†]	Variety	Species	Source	Dry Matter Yield (lb/a)	
				2 Year [‡] AVG	2024 Total
1	TAM 114	HRW	Adaptive Genetics	4066	4774
2	TAM 205	HRW	Adaptive Genetics	3696	5164
3	Weathermaster 135	HRW	Unknown	3406	4001
4	Buckaroo	Barley	Turner Seed	3381	4432
5	TX20AT2018	Triticale	TAMU		5730
6	TX20AT2015	Triticale	TAMU		5670
7	TX20AT2014	Triticale	TAMU		5034
8	TAM 116	HRW	Adaptive Genetics		5007
9	AP Sunbird	HRW	AgriPro		4992
10	Bob Dole	HRW	AgriPro		4892
11	AP Longjack	HRW	AgriPro		4876
12	AP Prolific	HRW	AgriPro		4832
13	TX20AT2005	Triticale	TAMU		4822
14	AP Roadrunner	HRW	AgriPro		4716
15	TX18DH858	HRW	TAMU		4654
16	Amigos	HRW	Adaptive Genetics		4410
17	Fall Grazing Mix	Blend	Turner Seed		4284
18	Bob	Oat	Specialty Seed		4214
19	TX18OCS9061	Oat	TAMU		4075
20	TX07CS1948	Oat	TAMU		4012
21	TX17OCS8075	Oat	TAMU		3817
22	TX15OCS6163	Oat	TAMU		3785
23	SY Razor	HRW*	AgriPro		3767
24	TX16OCS7093	Oat	TAMU		3614
LSD (0.05)				NS	1370
CV(%)				15	15
Mean				3637	4566

*Awnless Variety **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 2-year then 2024 total yield.

[‡]2-year average based on 2023 and 2024 yields.

2024 Statewide Cool-Season Forage Variety Trial- Millersview (Dryland)

Rank	Variety	Species	Source	Dry Matter Yield (lb/a)			
				Clip 1 1/11/24	Clip 2 3/4/24	Clip 3 4/12/24	Total 2024
1	TX18OCS9061	Oat	TAMU	155	2180	2081	4416
2	Buckaroo	Barley	Turner Seed	213	1663	2356	4232
3	TAM 205	HRW	Adaptive Genetics	141	1334	2638	4112
4	TX15OCS6163	Oat	TAMU	141	1554	2257	3951
5	Amigos	HRW	Adaptive Genetics	149	1636	2163	3948
6	Bob	Oat	Producers	125	1621	2196	3942
7	TX20AT2015	Triticale	TAMU	173	1337	2275	3785
8	Bob Dole	HRW	AgriPro	138	2179	1425	3742
9	TX07CS1948	Oat	TAMU	127	1519	2084	3729
10	SY Razor	HRW*	AgriPro	169	2321	1189	3679
11	TX17OCS8075	Oat	TAMU	145	1603	1888	3635
12	TX16OCS7093	Oat	TAMU	145	1475	1984	3604
13	TX20AT2005	Triticale	TAMU	170	1515	1873	3557
14	TAM 114	HRW	Adaptive Genetics	165	1572	1818	3555
15	TX18DH858	HRW	TAMU	169	2402	875	3446
16	Fall Grazing Mix	Blend	Turner Seed	106	1073	2217	3395
17	TX20AT2018	Triticale	TAMU	154	1714	1491	3359
18	AP Prolific	HRW	AgriPro	120	1138	2064	3322
19	AP Sunbird	HRW	AgriPro	185	1651	1450	3286
20	AP Roadrunner	HRW	AgriPro	154	1767	1322	3242
21	TAM 116	HRW	Adaptive Genetics	143	1619	1405	3167
22	AP Longjack	HRW	AgriPro	158	1382	1614	3154
23	TX20AT2014	Triticale	TAMU	138	874	2009	3021
24	Weathermaster 135	HRW	Unknown	139	1945	865	2949
LSD (0.05)				NS	520	728	935
CV(%)				22	16	20	13
Mean				151	1628	1814	3593

*Awnless Variety **Bolded** values indicate top group based on LSD.

Agronomic Information

Planting Date	8-Nov
Seeding Rate (seed/ac)	1,000,000
Previous Crop	Wheat
In-Season Radar Estimated Precip	5.5"
Herbicides: MCPA (16 oz/ac) was applied on February 1, 2024.	

Trial Notes:

1. The trial was located within the town of Millersview, TX.
2. The trial was fertilized prior to seeding by the cooperator. An additional 30N was applied on Feb 5.
3. Average total dry matter production was 15% lower than 2023.

Cooperator: Mickey Dillard

2024 Statewide Cool-Season Forage Variety Trial- Millersview (Dryland)

Rank [†]	Variety	Species	Source	Dry Matter Yield (lb/a)			
				4-Year [‡] AVG	3-Year AVG	2 Year AVG	2024 Total
1	TAM 114	HRW	Adaptive Genetics	3649	3804	4189	3555
2	TAM 205	HRW	Adaptive Genetics	3465	3785	4459	4112
3	Weathermaster 135	HRW	Unknown	3167	3427	3942	2949
4	Buckaroo	Barley	Turner Seed			3990	4232
5	Bob	Oat	Producers			3062	3942
6	TX18OCS9061	Oat	TAMU				4416
7	TX15OCS6163	Oat	TAMU				3951
8	Amigos	HRW	Adaptive Genetics				3948
9	TX20AT2015	Triticale	TAMU				3785
10	Bob Dole	HRW	AgriPro				3742
11	TX07CS1948	Oat	TAMU				3729
12	SY Razor	HRW*	AgriPro				3679
13	TX17OCS8075	Oat	TAMU				3635
14	TX16OCS7093	Oat	TAMU				3604
15	TX20AT2005	Triticale	TAMU				3557
16	TX18DH858	HRW	TAMU				3446
17	Fall Grazing Mix	Blend	Turner Seed				3395
18	TX20AT2018	Triticale	TAMU				3359
19	AP Prolific	HRW	AgriPro				3322
20	AP Sunbird	HRW	AgriPro				3286
21	AP Roadrunner	HRW	AgriPro				3242
22	TAM 116	HRW	Adaptive Genetics				3167
23	AP Longjack	HRW	AgriPro				3154
24	TX20AT2014	Triticale	TAMU				3021
LSD (0.05)				NS	NS	609	935
CV(%)				16	15	14	13
Mean				3427	3672	3928	3593

*Awnless Variety **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 total yield.

[‡]4-year average based on 2020, 2021, 2023, and 2024 yields.

2024 Statewide Cool-Season Forage Variety Trial- San Angelo (Dryland)

Rank	Variety	Species	Source	Dry Matter Yield (lb/a)			
				Clip 1 1/10/24	Clip 2 3/1/24	Clip 3 4/11/24	Total 2024
1	TAM 116	HRW	Adaptive Genetics	817	3264	3767	7848
2	TAM 205	HRW	Adaptive Genetics	816	1731	4826	7373
3	TX18DH858	HRW	TAMU	1630	2963	2548	7141
4	Weathermaster 135	HRW	Unknown	1042	2545	3361	6948
5	AP Sunbird	HRW	AgriPro	1217	2112	3612	6942
6	Amigos	HRW	Adaptive Genetics	1341	2418	1925	5684
7	TAM 114	HRW	Adaptive Genetics	863	2412	2251	5527
8	Bob	Oat	Specialty Seed	797	2142	2540	5479
9	TX20AT2015	Triticale	TAMU	1157	2294	1878	5329
10	TX20AT2005	Triticale	TAMU	1430	2061	1746	5237
11	SY Razor	HRW*	AgriPro	1201	2519	1485	5205
12	Fall Grazing Mix	Blend	Turner Seed	1041	2309	1782	5132
13	TX20AT2018	Triticale	TAMU	1330	2441	1083	4855
14	TX16OCS7093	Oat	TAMU	1073	1692	2062	4826
15	AP Roadrunner	HRW	AgriPro	1222	1817	1565	4604
16	Buckaroo	Barley	Turner Seed	1638	1694	1252	4584
17	TX18OCS9061	Oat	TAMU	1274	1448	1781	4502
18	TX17OCS8075	Oat	TAMU	834	1650	1922	4405
19	AP Prolific	HRW	AgriPro	839	1376	1990	4205
20	AP Longjack	HRW	AgriPro	1041	1544	1600	4184
21	TX20AT2014	Triticale	TAMU	1201	1642	1322	4164
22	TX15OCS6163	Oat	TAMU	868	1472	1802	4141
23	TX07CS1948	Oat	TAMU	554	1406	1948	3908
24	Bob Dole	HRW	AgriPro	1213	1531	745	3488
LSD (0.05)				453	729	1068	1391
CV(%)				21	18	26	14
Mean				1102	2020	2116	5238

*Awnless Variety **Bolded** values indicate top group based on LSD.

Agronomic Information

Planting Date	24-Oct
Seeding Rate (seed/ac)	1,000,000
Previous Crop	Oilseeds
In-Season Radar Estimated Precip	7.1"

Herbicides: 2,4-D (24 oz/ac) were applied on February 1, 2024.

Trial Notes:

- 1.** The trial was located approximately 7 miles northwest of San Angelo, TX.
- 2.** The trial was fertilized prior to seeding by the cooperator. An additional 30N was applied on Feb 6.
- 3.** Average total dry matter production was 466% higher than 2023.

Cooperator: TAMU AgriLife Research & Extension Center

2024 Statewide Cool-Season Forage Variety Trial- San Angelo (Dryland)

Rank [†]	Variety	Species	Source	2 Year [‡]	2024
				AVG	Total
1	TAM 205	HRW	Adaptive Genetics	4166	7373
2	Weathermaster 135	HRW	Unknown	4059	6948
3	TAM 114	HRW	Adaptive Genetics	3405	5527
4	Bob	Oat	Specialty Seed	3205	5479
5	Buckaroo	Barley	Turner Seed	2817	4584
6	TAM 116	HRW	Adaptive Genetics		7848
7	TX18DH858	HRW	TAMU		7141
8	AP Sunbird	HRW	AgriPro		6942
9	Amigos	HRW	Adaptive Genetics		5684
10	TX20AT2015	Triticale	TAMU		5329
11	TX20AT2005	Triticale	TAMU		5237
12	SY Razor	HRW*	AgriPro		5205
13	Fall Grazing Mix	Blend	Turner Seed		5132
14	TX20AT2018	Triticale	TAMU		4855
15	TX16OCS7093	Oat	TAMU		4826
16	AP Roadrunner	HRW	AgriPro		4604
17	TX18OCS9061	Oat	TAMU		4502
18	TX17OCS8075	Oat	TAMU		4405
19	AP Prolific	HRW	AgriPro		4205
20	AP Longjack	HRW	AgriPro		4184
21	TX20AT2014	Triticale	TAMU		4164
22	TX15OCS6163	Oat	TAMU		4141
23	TX07CS1948	Oat	TAMU		3908
24	Bob Dole	HRW	AgriPro		3488
LSD (0.05)				721	1391
CV(%)				12	14
Mean				3531	5238

*Awnless Variety **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 2-year then 2024 total yield.

[‡]2-year average based on 2023 and 2024 yields.

2024 Statewide Cool-Season Forage Variety Trial- McGregor (Dryland)

Rank	Variety	Species	Source	Freeze [†] Rating	Dry Matter Yield (lb/a)			Total 2024
					Clip 1 12/8/23	Clip 2 2/2/24	Clip 3 4/4/24	
1	Bob Dole	HRW	AgriPro	9.3	2293	1946	6274	10513
2	Valor	Barley	Trical Superior Forage	9.0	3289	1011	6040	10341
3	Trical Bighorn	HRW	Trical Superior Forage	9.3	2442	1259	6545	10247
4	Amigos	HRW	Adaptive Genetics	8.7	2164	1734	6341	10240
5	AP Roadrunner	HRW	AgriPro	9.0	2232	1488	6145	9864
6	LA17089SBS-45-1-1	Oat	LSU	6.0	2873	1086	5756	9715
7	AP Sunbird	HRW	AgriPro	9.3	2626	1525	5429	9580
8	SY Razor	HRW*	AgriPro	8.0	2581	1524	5469	9574
9	AP Longjack	HRW	AgriPro	8.7	2427	1199	5924	9550
10	TAM 114	HRW	Adaptive Genetics	9.3	2461	1550	5394	9405
11	LA17089SBS-33-2	Oat	LSU	6.0	2229	1461	5676	9366
12	Gallagher	HRW	OSU	9.0	1917	1500	5788	9205
13	Bob	Oat	Producers Coop	5.3	2327	994	5802	9123
14	FL13126-69	Oat	University of Florida	5.7	3044	1180	4899	9122
15	TX16OCS7093	Oat	TAMU	4.7	2772	1313	5010	9094
16	TAMO 412	Oat	TAMU	6.0	2395	1011	5639	9045
17	AP Prolific	HRW	AgriPro	9.7	2248	1212	5560	9021
18	Fall Grazing Mix	Blend	Turner Seed	8.0	2276	1228	5508	9012
19	TX15OCS6163	Oat	TAMU	5.3	2718	1289	4990	8997
20	TX20AT2005	Triticale	TAMU	7.7	2812	1360	4780	8951
21	TAM 304	HRW	Scott Seed	8.3	1958	1300	5523	8781
22	TX17OCS8075	Oat	TAMU	5.0	2717	1027	4962	8706
23	Trical Kicker	Triticale	Trical Superior Forage	7.3	2426	1601	4647	8674
24	Smith's Gold	HRW	OSU	9.3	2204	1267	5199	8670
25	Buckaroo	Barley	Turner Seed	7.3	2563	1290	4626	8479
26	LA17153SBSS-55-1	Oat	LSU	5.3	2708	1158	4483	8349
27	FL13123-50	Oat	University of Florida	4.3	2674	948	4666	8288
28	TX20AT2018	Triticale	TAMU	7.7	1926	1188	4800	7914
29	LA15015SB-S50	Oat	LSU	4.3	2865	799	4250	7914
30	TX18OCS9061	Oat	TAMU	3.3	3177	894	3833	7904
31	LA17153SBSS-46-1	Oat	LSU	3.7	3339	871	3586	7796
32	TAM 205	HRW	Adaptive Genetics	9.0	1548	1292	4819	7749
33	Trical EXP 209	Triticale	Trical Superior Forage	9.3	1542	948	5157	7646
34	Trical Cadillac	Oat	Trical Superior Forage	3.7	3081	1192	3118	7391
35	TX20AT2014	Triticale	TAMU	9.0	2222	744	4375	7340
36	TAM 116	HRW	Adaptive Genetics	9.3	1422	709	5184	7315
37	TX07CS1948	Oat	TAMU	6.7	1741	967	4559	7267
38	Trical EXP 220	Triticale	Trical Superior Forage	8.3	2000	870	4193	7063
39	TX20AT2015	Triticale	TAMU	9.0	1191	265	5187	6642
40	FL13123-54	Oat	University of Florida	2.7	2967	544	2716	6227
41	LA17129SBSS-8-1	Oat	LSU	2.0	3762	355	2047	6164
42	LA17069SBSS-2-1	Oat	LSU	1.0	3457	393	1073	4923
LSD (0.05)				1.4	813	529	1219	1883
CV(%)				10.7	17	24	13	11
Mean				6.9	2467	1131	4904	8504

*Awnless Variety. **Bolded** values indicate top group based on LSD. [†]Freeze damage rated on 1-10 scale with 10 meaning no damage

Agronomic Information

Planting Date	3-Oct
Seeding Rate: Barley, Triticale, Wheat	1,200,000 sd/ac
	Oat 67 lbs/ac
Previous Crop	Corn
In-Season Radar Estimated Precip	19.1"
Fall Soil Test:	
	N (lb/ac) 18
	P2O5 (lb/ac) 0
	S (lb/ac) 102
	pH 7.4

Trial Notes:

1. The trial was located approximately 5.5 miles southwest of McGregor, TX.
2. The nursery was fertilized prior to seeding at a rate of 17.5N, 59P. An additional 100N was applied on December 11th. A final 113N was applied on February 8.
3. Freeze ratings were taken 17 days after freeze event. Temperatures hit a minimum of 14F and remained below freezing for approximately 86 hours.
4. Conditions were very good overall for forage production at this site.

Herbicides: None

Cooperator: TAMU McGregor Research Center

2024 Statewide Cool-Season Forage Variety Trial- College Station (Dryland)

Rank	Variety	Species	Source	Dry Matter Yield (lb/a)			
				Clip 1 1/18/24	Clip 2 2/29/24	Clip 3 4/5/24	Total 2024
1	Valor	Barley	Trical Superior Forage	139	1048	3677	4864
2	LA15015SB-S50	Oat	LSU	1110	1894	1727	4731
3	Coker 227	Oat	Producers Coop	922	2083	1614	4619
4	LA17089SBS-45-1-1	Oat	LSU	683	1842	2077	4602
5	FL13123-50	Oat	University of Florida	743	2181	1506	4430
6	TX17OCS8075	Oat	TAMU	439	2041	1927	4408
7	AP Longjack	HRW	AgriPro	95	1589	2630	4314
8	LA17153SBSS-46-1	Oat	LSU	815	1726	1739	4281
9	Amigos	HRW	Adaptive Genetics	213	1711	2301	4225
10	FL13123-54	Oat	University of Florida	827	1522	1864	4212
11	TAM 114	HRW	Adaptive Genetics	167	1372	2589	4129
12	Forage Max	SRW	Producers Coop	143	1386	2595	4124
13	FL13126-69	Oat	University of Florida	545	1870	1704	4119
14	AP Sunbird	HRW	AgriPro	154	1745	2158	4057
15	TAM 205	HRW	Adaptive Genetics	24	1326	2704	4053
16	TX15OCS6163	Oat	TAMU	427	1893	1658	3978
17	Bob	Oat	Producers Coop	613	1802	1559	3974
18	TX18OCS9061	Oat	TAMU	1151	1501	1283	3936
19	LA17069SBSS-2-1	Oat	LSU	1357	1087	1474	3919
20	Trical Cadillac	Oat	Trical Superior Forage	1308	1382	1223	3912
21	TX20AT2005	Triticale	TAMU	95	1731	2071	3896
22	LA17153SBSS-55-1	Oat	LSU	746	1729	1420	3894
23	TX16OCS7093	Oat	TAMU	774	1792	1323	3890
24	TX20AT2014	Triticale	TAMU	39	882	2929	3850
25	LA17089SBS-33-2	Oat	LSU	447	1848	1545	3841
26	TX07CS1948	Oat	TAMU	140	1869	1777	3785
27	Trical EXP 209	Triticale	Trical Superior Forage	0	1081	2681	3762
28	TAM 116	HRW	Adaptive Genetics	12	1398	2346	3756
29	AP Roadrunner	HRW	AgriPro	59	1718	1906	3684
30	TAMO 606	Oat	TAMU	137	1632	1882	3651
31	TAMO 412	Oat	TAMU	108	1818	1721	3647
32	AP Prolific	HRW	AgriPro	71	1047	2521	3639
33	Bob Dole	HRW	AgriPro	180	2469	955	3604
34	SY Razor	HRW*	AgriPro	225	1950	1352	3528
35	TX20AT2018	Triticale	TAMU	19	1301	2156	3476
36	TX20AT2015	Triticale	TAMU	10	878	2573	3460
37	TAM 304	HRW	Scott Seed	71	1640	1712	3423
38	Smiths Gold	HRW	OSU	24	1597	1772	3392
39	Trical Kicker	Triticale	Trical Superior Forage	326	1734	1284	3345
40	Trical Bighorn	HRW	Trical Superior Forage	291	1760	1279	3330
41	Trical EXP 220	Triticale	Trical Superior Forage	79	946	2121	3146
42	LA17129SBSS-8-1	Oat	LSU	1459	531	1003	2993
LSD (0.05)				325	471	559	854
CV(%)				41	15	15	11
Mean				409	1580	1913	3902

*Awnless Variety **Bolded** values indicate top group based on LSD.

Agronomic Information

Planting Date:	10-Oct
Seeding Rate:	Barley, Triticale, Wheat 1,200,000 sd/ac
	Oat 67 lbs/ac
Previous Crop:	Sorghum
In-Season Radar Estimated Precip	17.8"
Fall Soil Test:	
	N (lb/ac) 36
	P2O5 (lb/ac) 152
	S (lb/ac) 68
	pH 7.8

Trial Notes:

1. The trial was located approximately 8 miles southwest of College Station, TX.
2. The nursery was fertilized prior to seeding at a rate of 17.5N, 59P. An additional 100N was applied on December 13. A final 80N was applied on March
3. Average total yield was down 51% compared to 2023. Periods of drought in November and February were contributors to reduced yield.

Cooperator: Texas A&M Research Farm

Herbicides: Ally XP (0.1oz) and Amber (0.3oz) were applied on November 22.

2024 Statewide Cool-Season Forage Variety Trial- College Station (Dryland)

Rank [†]	Variety	Species	Source	Dry Matter Yield (lb/a)			
				4-Year [‡] AVG	3-Year AVG	2 Year AVG	2024 Total
1	TX15OCS6163	Oat	TAMU	5366	5719	6746	3978
2	TAMO 606	Oat	TAMU	4883	5137	6400	3651
3	TAMO 412	Oat	TAMU	4435	4783	5513	3647
4	TX17OCS8075	Oat	TAMU		5460	6413	4408
5	Trical Cadillac	Oat	Trical Superior Forage		5377	6484	3912
6	TX16OCS7093	Oat	TAMU			7064	3890
7	Valor	Barley	Trical Superior Forage				4864
8	LA15015SB-S50	Oat	LSU				4731
9	Coker 227	Oat	Producers Coop				4619
10	LA17089SBS-45-1-1	Oat	LSU				4602
11	FL13123-50	Oat	University of Florida				4430
12	AP Longjack	HRW	AgriPro				4314
13	LA17153SBSS-46-1	Oat	LSU				4281
14	Amigos	HRW	Adaptive Genetics				4225
15	FL13123-54	Oat	University of Florida				4212
16	TAM 114	HRW	Adaptive Genetics				4129
17	Forage Max	HRW	Producers Coop				4124
18	FL13126-69	Oat	University of Florida				4119
19	AP Sunbird	HRW	AgriPro				4057
20	TAM 205	HRW	Adaptive Genetics				4053
21	Bob	Oat	Producers Coop				3974
22	TX18OCS9061	Oat	TAMU				3936
23	LA17069SBSS-2-1	Oat	LSU				3919
24	TX20AT2005	Triticale	TAMU				3896
25	LA17153SBSS-55-1	Oat	LSU				3894
26	TX20AT2014	Triticale	TAMU				3850
27	LA17089SBS-33-2	Oat	LSU				3841
28	TX07CS1948	Oat	TAMU				3785
29	Trical EXP 209	Triticale	Trical Superior Forage				3762
30	TAM 116	HRW	Adaptive Genetics				3756
31	AP Roadrunner	HRW	AgriPro				3684
32	AP Prolific	HRW	AgriPro				3639
33	Bob Dole	HRW	AgriPro				3604
34	SY Razor	HRW*	AgriPro				3528
35	TX20AT2018	Triticale	TAMU				3476
36	TX20AT2015	Triticale	TAMU				3460
37	TAM 304	HRW	Scott Seed				3423
38	Smiths Gold	HRW	OSU				3392
39	Trical Kicker	Triticale	Trical Superior Forage				3345
40	Trical Bighorn	HRW	Trical Superior Forage				3330
41	Trical EXP 220	Triticale	Trical Superior Forage				3146
42	LA17129SBSS-8-1	Oat	LSU				2993
LSD (0.05)				NS	NS	NS	854
CV(%)				37	40	46	11
Mean				4895	5295	6437	3902

*Awnless Variety **Bolded** values indicate top group based on LSD.

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2024 total yield.

[‡]4-year average based on 2021, 2022, 2023, and 2024 yields.

2023-2024 AgriLife Small Grains Silage Trial at Bushland

Contact: Jourdan Bell, Carla Naylor, or Kevin Helfin

Planted 10/22/2023

Seeding Rate: Wheat and Triticale 1.2 M seeds/acre, Rye 0.8 M seeds/acre

Fertilizer: 80 lbs. N and 35 lbs. P

Herbicides: Prowl H20 3/5/2024

Fungicides: Prosaro 4/19/2024

Irrigation: 9.5 inches to Boot and 12 inches to Soft-Dough

Precipitation: 4.5 inches (planting - 5/22/2024)

Emergence and Vigor Ratings (0-5) Rating Scale: 0=no stand, 1=poor, 3=good, 4=very good, 5=excellent

Feekes Scale

3	Tillering
4	Leaf Sheaths Lengthening
5	Leaf Sheaths Erected
6	First Node
7	Second Node

Entry	Variety	Company/Developer	Type	11/8/2023	2/8/2024	3/12/2024	3/27/2024	Boot (Feekes 10)				Soft-Dough			
				Emergence Rating	Winter Vigor Rating	Feekes Stage	Feekes Stage	Harvest Date	Ht (in.)	Yield (lbs/ac) DM Basis	Yield (tons/ac) DM Basis	Harvest Date	Ht (in.)	Yield (lbs/ac) DM Basis	Yield (tons/ac) DM Basis
14	TAM 205	Warner/Texas A&M AgriLife	HRWW	4.0	3.7	5.3	6.8	4/26/2024	33	7,912	4.0	6/4/2024	37	18,050	9.0 ± 0.3
6	DynaGro 7322 + Foothold	Nutrien/Texas A&M AgriLife	HRWW	4.0	3.7	5.5	5.5	4/26/2024	29	8,985	4.5	6/5/2024	35	17,210	8.6 ± 0.7
5	AP Sunbird	AgriPro/Syngenta	HRWW	3.7	3.7	6.0	6.5	4/26/2024	29	8,273	4.1	6/4/2024	33	16,799	8.4 ± 0.2
11	TAM 115	Wattley/Texas A&M AgriLife	HRWW	4.0	3.7	6.5	7.0	4/26/2024	30	7,565	3.8	6/4/2024	38	16,753	8.4 ± 0.6
1	AP exp 243	AgriPro/Syngenta	HRWW	4.0	3.7	5.5	7.0	4/26/2024	32	8,287	4.1	6/3/2024	35	16,732	8.4 ± 0.4
9	DynaGro 7322 Untreated	Nutrien/Texas A&M AgriLife	HRWW	4.7	3.7	5.5	6.0	4/26/2024	30	9,103	4.6	6/6/2024	35	16,662	8.3 ± 0.2
3	AP Prolific	AgriPro/Syngenta	HRWW	3.0	2.8	6.0	7.0	4/26/2024	32	6,488	3.2	6/4/2024	34	16,575	8.3 ± 0.6
4	AP Roadrunner	AgriPro/Syngenta	HRWW	3.7	3.7	5.5	6.8	4/24/2024	29	7,657	3.8	6/4/2024	35	16,560	8.3 ± 0.2
17	XH2001A	WestBred/Bayer	HRWW	3.0	2.3	4.5	6.5	4/26/2024	31	6,326	3.2	6/5/2024	36	16,157	8.1 ± 0.0
7	DynaGro 7322 + Avodigen	Nutrien/Texas A&M AgriLife	HRWW	4.3	3.7	5.5	6.0	4/26/2024	30	8,200	4.1	6/4/2024	35	16,062	8.0 ± 1.1
2	AP Longjack	AgriPro/Syngenta	HRWW	4.7	4.0	5.0	6.5	4/26/2024	30	7,199	3.6	6/4/2024	36	15,899	7.9 ± 0.3
40	WT 50	Warner Seed	Wheat-Triticale	4.2	4.0	5.0	5.0	4/29/2024	45	9,855	4.9	6/11/2024	52	15,654	7.8 ± 0.9
16	WB4792	WestBred/Bayer	HRWW	3.0	3.0	6.0	7.0	4/26/2024	30	7,175	3.6	6/5/2024	36	15,526	7.8 ± 0.5
8	DynaGro 7322+ Topguard	Nutrien/Texas A&M AgriLife	HRWW	4.3	3.0	5.5	6.0	4/26/2024	30	7,878	3.9	6/4/2024	34	15,437	7.7 ± 0.7
21	Jackalope	Ehmke	Rye	1.3	2.8	4.0	6.0	4/18/2024	33	7,132	3.6	6/4/2024	44	15,326	7.7 ± 2.0
10	TAM 114	Texas A&M AgriLife	HRWW	3.3	3.3	6.0	6.5	4/26/2024	31	9,454	4.7	6/3/2024	34	15,267	7.6 ± 1.1
19	XG4104A	WestBred/Bayer	HRWW	3.7	3.3	6.5	6.5	4/26/2024	29	7,615	3.8	6/4/2024	35	14,970	7.5 ± 0.1
20	XH4016A	WestBred/Bayer	HRWW	3.3	4.0	6.0	7.0	4/26/2024	31	7,303	3.7	6/4/2024	36	14,914	7.5 ± 1.1
18	XG4110A	WestBred/Bayer	HRWW	4.0	3.7	6.5	7.0	4/18/2024	28	7,469	3.7	6/3/2024	37	14,899	7.4 ± 0.4
39	Nex Trit Plus	West Gaines Seed	Triticale	3.7	4.2	4.5	6.0	4/26/2024	42	9,046	4.5	6/11/2024	53	14,539	7.3 ± 1.0
12	TAM 116	Warner/Texas A&M AgriLife	HRWW	4.0	3.7	5.5	6.5	4/26/2024	29	8,905	4.5	6/4/2024	34	14,218	7.1 ± 0.1
13	TAM 204	Wattley/Texas A&M AgriLife	HRWW	3.7	3.5	5.5	6.5	4/26/2024	31	8,731	4.4	6/3/2024	35	13,875	6.9 ± 0.2
37	SlickTrit II	Wattley Seed	Triticale	4.0	3.2	4.0	5.0	5/4/2024	46	10,944	5.5	6/11/2024	52	13,708	6.9 ± 1.5
34	TX20AT2015	Texas A&M AgriLife	Triticale	3.3	3.7	4.3	6.3	4/26/2024	44	9,639	4.8	6/11/2024	52	13,689	6.8 ± 0.7
36	Triplecale	Warner Seed	Triticale	4.3	4.5	4.5	6.0	4/26/2024	43	8,367	4.2	6/11/2024	49	13,243	6.6 ± 0.4
33	TX20AT2005	Texas A&M AgriLife	Triticale	3.7	3.8	4.5	6.5	4/26/2024	42	8,619	4.3	6/11/2024	52	13,194	6.6 ± 0.7
27	KWS H240	KWS	Rye	2.0	4.2	4.5	7.0	4/23/2024	37	8,715	4.4	6/4/2024	44	13,166	6.6 ± 1.0
38	Titan	Wattley Seed/Texas A&M AgriLife	Triticale	4.7	4.3	5.0	6.0	4/23/2024	37	8,740	4.4	6/11/2024	50	13,122	6.6 ± 0.1
30	ThunderCale V	Ehmke	Triticale	3.7	4.0	4.5	6.0	4/26/2024	36	9,888	4.9	6/11/2024	44	12,861	6.4 ± 0.9
28	KWS H95075	KWS	Rye	1.7	4.0	6.0	8.0	4/8/2024	30	5,677	2.8	6/4/2024	43	12,708	6.4 ± 1.2
31	Thundertall	Ehmke	Triticale	2.3	2.5	4.0	5.5	5/3/2024	38	9,658	4.8	6/11/2024	53	12,679	6.3 ± 1.3
35	TX20AT2018	Texas A&M AgriLife	Triticale	3.7	3.7	4.5	6.5	4/26/2024	45	9,586	4.8	6/11/2024	49	12,646	6.3 ± 0.4
15	TX18DH858	Texas A&M AgriLife	HRWW	3.7	4.3	6.0	6.5	4/22/2024	32	9,615	4.8	6/3/2024	38	12,315	6.2 ± 0.8
23	ThunderGreen	Ehmke	Rye	1.0	2.3	4.0	6.0	4/26/2024	38	10,522	5.3	6/5/2024	43	12,303	6.2 ± 0.4
24	KWS AVIATOR	KWS	Rye	2.0	3.5	4.0	6.5	4/26/2024	41	8,307	4.2	6/4/2024	45	12,174	6.1 ± 0.9
25	KWS PROGAS	KWS	Rye	2.0	4.0	5.0	6.0	4/26/2024	37	7,039	3.5	6/4/2024	44	11,465	5.7 ± 1.1
29	KWS H238	KWS	Rye	2.7	4.5	4.5	6.0	4/23/2024	37	9,060	4.5	6/5/2024	41	11,464	5.7 ± 0.3
26	KWS H10129	KWS	Rye	2.3	3.7	4.0	6.0	4/24/2024	37	7,993	4.0	6/4/2024	44	11,327	5.7 ± 0.7
22	OORye	Ehmke	Rye	3.0	4.2	5.0	6.0	4/12/2024	36	7,195	3.6	6/3/2024	49	11,147	5.6 ± 0.6
32	Thundertall II	Ehmke	Triticale	4.0	3.8	4.5	6.0	5/3/2024	46	10,007	5.0	6/11/2024	51	10,870	5.4 ± 0.8
								Trial Average	35	8,403	4.2	Trial Average	42	14,304	7.2 ± 0.7
								p-value	<0.0001	<0.0001	<0.0001	p-value	<0.0001	0.0004	0.0004
								CV	7.8	9.8	9.8	CV	5.3	11.8	11.8
								LSD	4.4	1342	0.67	LSD	3.6	3141	1.6

Not Signif. Diff.

2023-2024 AgriLife Small Grains Silage Trial at Bushland - Boot Nutrient Composition

Planted 10/22/2023

Seeding Rate: Wheat and Triticale 1.2 M seeds/acre, Rye 0.8 M seeds/acre

Entry	Variety	Type	Nutrient Composition at Boot (DM Basis)										
			Harvest Date	% CP	% ADF	% NDF	% Lignin	% NDFD30	% WSC	% Starch	% TDN	Milk/Ton	Tons TDN/ac
23	ThunderGreen	Rye	4/26/2024	16	33	57	4	37	10	0.3	62	3057	3.3
37	SlickTrit II	Triticale	5/4/2024	13	37	61	5	37	9	0.5	58	2723	3.2
15	TX18DH858	HRWW	4/22/2024	14	31	52	4	34	16	1.0	63	3166	3.0
40	WT 50	Wheat-Triticale	4/29/2024	13	34	58	4	37	11	0.8	61	2953	3.0
30	ThunderCale V	Triticale	4/26/2024	15	35	58	4	38	9	1.0	60	2909	3.0
32	Thundertall II	Triticale	5/3/2024	13	36	59	4	36	9	0.4	59	2805	3.0
10	TAM 114	HRWW	4/26/2024	14	33	56	4	36	12	0.9	61	2981	2.9
31	Thundertall	Triticale	5/3/2024	14	35	59	4	36	9	0.6	60	2775	2.9
9	DynaGro 7322 Untreated	HRWW	4/26/2024	15	31	54	4	36	14	1.1	63	3194	2.9
29	KWS-H238	Rye	4/23/2024	15	31	55	3	37	11	0.6	63	3168	2.9
34	TX20AT2015	Triticale	4/26/2024	14	37	61	4	38	9	0.6	59	2772	2.8
6	DynaGro 7322 + Foothold	HRWW	4/26/2024	14	32	55	4	36	15	1.3	62	3085	2.8
12	TAM 116	HRWW	4/26/2024	13	33	56	4	37	14	1.3	63	3103	2.8
27	KWS H240	Rye	4/23/2024	15	31	55	4	37	12	0.4	64	3190	2.8
35	TX20AT2018	Triticale	4/26/2024	14	38	61	5	38	8	0.3	57	2654	2.7
38	Titan	Triticale	4/23/2024	14	33	56	4	38	12	0.8	62	3117	2.7
13	TAM 204	HRWW	4/26/2024	14	32	55	4	35	16	1.2	62	3073	2.7
39	Nex Trit Plus	Triticale	4/26/2024	14	35	60	4	40	9	0.7	60	2890	2.7
33	TX20AT2005	Triticale	4/26/2024	15	32	56	4	36	13	0.3	62	3037	2.7
7	DynaGro 7322 + Avodigen	HRWW	4/26/2024	14	30	53	3	36	16	1.2	64	3246	2.6
24	KWS AVIATOR	Rye	4/26/2024	16	33	58	4	38	10	0.5	62	3068	2.6
5	CP15CW3388#011	HRWW	4/26/2024	14	32	55	4	36	15	1.2	62	3042	2.6
1	AP exp 243	HRWW	4/26/2024	13	33	56	4	36	15	1.4	62	3007	2.6
36	Triplecale	Triticale	4/26/2024	15	35	58	4	37	10	0.5	60	2853	2.5
26	KWS H10129	Rye	4/24/2024	16	32	56	4	38	10	0.2	63	3118	2.5
8	DynaGro 7322+ Topguard	HRWW	4/26/2024	15	30	53	3	36	16	1.4	63	3193	2.5
14	TAM 205	HRWW	4/26/2024	13	32	55	4	36	14	1.1	63	3109	2.5
4	AP Roadrunner	HRWW	4/24/2024	15	32	54	4	37	14	1.0	62	3125	2.4
11	TAM 115	HRWW	4/26/2024	15	31	55	4	36	14	0.9	63	3126	2.4
19	XG4104A	HRWW	4/26/2024	14	32	55	4	35	15	1.1	62	3064	2.4
18	XG4110A	HRWW	4/18/2024	15	31	53	4	36	15	0.9	63	3231	2.4
22	OORye	Rye	4/12/2024	20	28	51	3	37	11	0.6	65	3357	2.3
21	Jackalope	Rye	4/18/2024	19	29	53	3	38	11	0.3	64	3321	2.3
20	XH4016A	HRWW	4/26/2024	15	32	55	4	34	14	0.9	62	2984	2.2
16	WB4792	HRWW	4/26/2024	14	33	56	4	36	14	0.9	62	3015	2.2
2	Ap Longjack	HRWW	4/26/2024	14	33	56	4	36	14	1.3	61	3010	2.2
25	KWS PROGAS	Rye	4/26/2024	15	34	59	4	36	8	0.5	60	2812	2.1
3	Ap Prolific	HRWW	4/26/2024	13	33	57	4	36	14	1.3	62	3053	2.0
17	XH2001A	HRWW	4/26/2024	16	31	54	3	36	14	0.9	63	3121	2.0
28	KWS H95075	Rye	4/8/2024	19	30	53	3	36	11	0.5	64	3215	1.8
Trial Average				15	33	56	4	36	12	0.8	62	3043	2.6
CV (%)				12	8	5	11.2	5	24	47.8	3	6	15.4
p-value				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
LSD				1.2	1.9	2.4	0.4	1.8	2.1	0.3	1.9	160.2	0.3

2023-2024 AgriLife Small Grains Silage Trial at Bushland - Late Soft-Dough Nutrient Composition

Planted 10/22/2023

Seeding Rate: Wheat and Triticale 1.2 M seeds/acre, Rye 0.8 M seeds/acre

Entry	Variety	Type	Nutrient Composition at late Soft Dough (DM Basis)										
			Harvest Date	% CP	% ADF	% NDF	% Lignin	% NDFD30	% WSC	% Starch	% TDN	Milk/Ton	Tons TDN/ac
14	TAM 205	HRWW	6/4/2024	10	33	51	5	20	11	18.8	60	2499	5.4
5	CP15CW3388#011	HRWW	6/4/2024	11	29	45	5	15	11	24.7	62	2602	5.2
6	DynaGro 7322 + Foothold	HRWW	6/5/2024	11	32	49	5	17	10	22.5	60	2463	5.1
11	TAM 115	HRWW	6/4/2024	10	33	51	5	20	10	19.7	60	2522	5.0
9	DynaGro 7322 Untreated	HRWW	6/6/2024	12	31	48	5	18	11	21.8	60	2585	5.0
3	Ap Prolific	HRWW	6/4/2024	10	32	48	6	16	12	21.2	60	2483	5.0
4	AP Roadrunner	HRWW	6/4/2024	11	32	49	5	19	10	20.3	60	2536	4.9
1	AP exp 243	HRWW	6/3/2024	10	33	51	5	19	11	19.0	59	2428	4.9
7	DynaGro 7322 + Avodigen	HRWW	6/4/2024	11	31	48	5	18	10	22.3	61	2601	4.9
2	Ap Longjack	HRWW	6/4/2024	11	32	47	5	18	10	22.0	60	2585	4.8
17	XH2001A	HRWW	6/5/2024	10	34	52	6	18	12	17.5	58	2330	4.7
21	Jackalope	Rye	6/4/2024	10	33	53	6	22	11	14.2	61	2641	4.6
16	WB4792	HRWW	6/5/2024	10	35	53	6	20	10	18.1	59	2399	4.6
10	TAM 114	HRWW	6/3/2024	11	33	51	5	20	10	17.7	59	2511	4.5
19	XG4104A	HRWW	6/4/2024	11	31	48	5	17	11	22.2	60	2530	4.5
8	DynaGro 7322 + Topguard	HRWW	6/4/2024	11	34	52	6	20	10	18.7	58	2399	4.5
12	TAM 116	HRWW	6/4/2024	11	29	45	5	17	11	25.1	63	2788	4.5
20	XH4016A	HRWW	6/4/2024	10	34	50	6	17	10	20.3	58	2352	4.3
40	WT 50	Wheat-Triticale	6/11/2024	8	40	60	7	20	8	14.5	55	1988	4.3
18	XG4110A	HRWW	6/3/2024	10	35	53	6	19	13	14.1	57	2304	4.3
13	TAM 204	HRWW	6/3/2024	11	31	49	5	18	11	21.7	61	2572	4.2
39	Nex Trit Plus	Triticale	6/11/2024	9	39	59	6	19	8	15.2	55	1935	4.0
34	TX20AT2015	Triticale	6/11/2024	10	36	55	6	18	10	18.0	57	2136	3.9
28	KWS H95075	Rye	6/4/2024	10	32	51	6	18	10	19.5	61	2540	3.9
27	KWS H240	Rye	6/4/2024	10	34	53	6	19	11	15.7	60	2471	3.8
30	ThunderCale V	Triticale	6/11/2024	10	35	53	5	20	9	19.2	58	2361	3.8
37	SlickTrit II	Triticale	6/11/2024	9	42	63	7	22	7	10.8	54	1896	3.7
36	Triplecale	Triticale	6/11/2024	10	39	58	6	20	8	15.2	55	2035	3.7
15	TX18DH858	HRWW	6/3/2024	11	33	49	5	18	10	21.5	59	2452	3.6
38	Titan	Triticale	6/11/2024	9	39	59	6	20	10	12.0	55	2014	3.6
23	ThunderGreen	Rye	6/5/2024	9	37	58	6	22	10	12.9	58	2374	3.6
24	KWS AVIATOR	Rye	6/4/2024	9	37	58	6	22	10	11.9	58	2378	3.5
33	TX20AT2005	Triticale	6/11/2024	9	41	61	7	22	9	11.2	54	1919	3.5
31	Thundertall	Triticale	6/11/2024	9	39	60	6	19	8	13.3	54	1853	3.4
25	KWS PROGAS	Rye	6/4/2024	10	34	54	5	22	10	16.2	60	2518	3.4
26	KWS H10129	Rye	6/4/2024	9	35	56	6	22	10	12.7	59	2447	3.4
29	KWS-H238	Rye	6/5/2024	10	35	56	6	21	10	13.8	58	2368	3.3
35	TX20AT2018	Triticale	6/11/2024	9	42	62	7	17	9	12.3	52	1647	3.3
22	OORye	Rye	6/3/2024	10	37	57	7	18	10	11.1	57	2168	3.2
32	Thundertall II	Triticale	6/11/2024	10	40	62	7	19	9	9.7	53	1826	2.9
Trial Average				10	35	53	6	19	10	17.2	58	2336	4.2
CV (%)				12	8	5	11.2	5	24	47.8	3	6	15.4
p-value				0.0050	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
LSD				1.2	1.9	2.4	0.4	1.8	2.1	0.3	1.9	160.2	0.3

24-02. 2023-24 SRWW Variety Comparison with Selected HRWWs Study @ Howe, TX (Norman Farms, Cooperator)

Table 1 MEAN Summary Comparison Table										
Variety†	Head Type	Yield	Test Weight	Shattering ¹	Heading ²	Plant Height	Stripe Rust Flag Leaf Infection	Leaf Rust Flag Leaf Infection	Forage ³	Stand
		Bu/ac	Lb/bu	1-3	Julian	Inches	%	%	1-3	%
						5/20/2024	4/17/2024	4/17/2024	1/31/2024	12/19/2023
TX20D5145	Awned	68.8 a	56.5 e-i	2.0 def	92.5 d-h	37.7 mn	0.0 a	0.0 a	2.8 abc	98.3 ab
USG 3354	Awnless	67.9 a	55.6 i-l	1.3 abc	91.3 bcd	34.8 f-k	1.8 a	0.0 a	1.8 i-m	100.0 a
Dyna-Gro 9332	Awned	67.9 ab	58.8 ab	1.3 abc	95.0 kl	37.8 mn	11.3 b	0.0 a	2.5 cde	100.0 a
Blackland 2344	Awned	67.6 ab	58.0 bc	1.0 a	92.8 fgh	33.7 c-i	0.3 a	0.0 a	2.2 e-h	100.0 a
Bob Dole (HRWW)	Awned	65.1 abc	56.9 d-g	1.0 a	91.0 bc	40.7 op	11.3 b	0.0 a	2.5 cde	100.0 a
Grow Pro GP 543	Awnless	64.0 a-d	55.7 h-l	1.3 abc	91.5 b-e	34.5 e-j	0.5 a	0.0 a	1.6 klm	96.7 abc
USG 3463	Awned	62.9 b-e	54.2 o-r	1.2 ab	94.2 ijk	34.3 e-j	16.3 bcd	1.3 ab	1.4 m	95.0 bc
TX20D5056	Awned	62.4 c-f	55.0 l-p	1.7 b-e	102.0 s	41.2 p	18.8 cde	0.0 a	2.1 f-i	98.3 ab
TX20D5116	Awned	61.7 c-f	55.9 g-l	1.0 a	91.3 bcd	33.5 b-h	0.0 a	4.0 c	2.4 c-f	100.0 a
Go Wheat GW 6000	Awned	61.4 c-g	56.3 f-k	1.0 a	92.7 e-h	35.5 jkl	0.0 a	0.0 a	2.5 cde	95.0 bc
Monsanto WB-4440 (HRWW)	Awnless	60.3 c-h	59.2 a	1.0 a	92.7 e-h	37.5 mn	10.0 b	0.0 a	1.5 lm	98.3 ab
USG 3673	Awnless	60.0 d-h	55.9 g-l	1.0 a	93.0 ghi	34.2 e-j	45.0 g	0.0 a	2.1 f-i	100.0 a
Blackland 2383 (experimental)	Awnless	59.4 d-h	55.4 j-m	2.7 ghi	92.0 c-g	35.0 g-l	25.0 ef	0.5 ab	2.2 e-h	100.0 a
AGS 3022	Awned	58.9 e-i	59.1 a	1.0 a	87.0 a	33.3 a-g	0.0 a	0.0 a	2.9 ab	95.0 bc
Dyna-Gro 9393	Awned	58.8 e-i	55.4 k-n	1.0 a	97.2 opq	33.2 a-f	1.0 a	0.3 ab	1.9 g-k	98.3 ab
Grow Pro GP 381	Awnless	58.7 e-i	55.6 i-l	2.2 efg	92.3 d-h	32.3 a-d	1.0 a	1.0 ab	1.6 klm	98.3 ab
Blackland 2167	Awned	58.4 e-i	55.0 l-p	1.2 ab	97.8 q	32.0 abc	0.0 a	0.3 ab	1.7 j-m	95.0 bc
Grow Pro SY Viper	Awnless	58.2 e-i	56.4 f-j	1.3 abc	93.3 hij	38.0 mn	0.0 a	0.8 ab	1.5 lm	96.7 abc
USG 3783	Awned	58.2 e-i	55.9 g-l	1.3 abc	97.0 n-q	33.3 a-g	0.3 a	0.0 a	2.2 e-h	98.3 ab
USG 3895	Awned	57.6 f-i	55.2 l-o	1.2 ab	96.0 l-o	33.7 c-i	0.0 a	0.0 a	2.1 f-i	100.0 a
Dyna-Gro 9120	Awned	56.6 g-j	56.7 e-h	1.0 a	94.3 jk	34.2 e-j	0.0 a	1.0 ab	1.8 h-l	98.3 ab
TAM 304 (HRWW)	Awned	56.5 hij	56.2 g-k	1.2 ab	90.5 b	33.3 a-g	26.3 f	0.0 a	2.4 c-f	100.0 a
TAM 9216 (HRWW)	Awned	55.8 h-k	57.8 cd	1.0 a	96.0 l-o	34.7 f-k	16.3 bcd	0.3 ab	2.6 bcd	95.0 bc
Dyna-Gro 9290	Awned	55.5 h-k	56.2 g-k	2.3 fgh	92.3 d-h	35.2 g-l	0.0 a	0.0 a	2.3 d-g	95.0 bc
USG 3118	Awnletted	55.4 h-k	57.4 cde	2.3 fgh	92.8 fgh	32.8 a-e	22.5 def	0.0 a	2.1 f-i	100.0 a
USG 3752	Awned	54.3 i-l	56.7 efg	1.2 ab	91.7 b-f	34.3 e-j	45.0 g	0.0 a	2.6 bcd	100.0 a
Blackland 2255	Awned	54.2 i-m	54.4 n-r	2.7 ghi	93.5 hij	34.3 e-j	0.0 a	0.3 ab	2.3 d-g	98.3 ab
Dyna-Gro 9811	Awned	54.1 i-n	55.7 h-l	2.8 hi	93.0 ghi	35.5 jkl	0.0 a	0.0 a	2.2 e-h	95.0 bc
Blackland 2034	Awned	52.6 j-o	53.1 st	1.5 a-d	95.8 lmn	35.2 g-l	1.3 a	4.0 c	1.9 g-k	98.3 ab
USG 3472	Awned	51.1 k-p	52.7 t	1.7 b-e	97.3 pq	34.7 f-k	0.8 a	1.5 ab	1.6 klm	93.3 c
AGS 2024	Awned	50.2 l-q	57.5 cde	1.2 ab	92.3 d-h	33.2 a-f	52.5 h	0.0 a	3.0 a	98.3 ab
USG 3352	Awned	49.6 l-q	53.5 rst	1.8 c-f	98.2 q	35.3 i-l	0.0 a	0.5 ab	1.9 g-k	98.3 ab

Variety†	Head Type	Yield	Test Weight	Shattering ¹	Heading ²	Plant Height	Stripe Rust Flag Leaf Infection	Leaf Rust Flag Leaf Infection	Forage ³	Stand
		Bu/ac	Lb/bu	1-3	Julian	Inches	%	%	1-3	%
						5/20/2024	4/17/2024	4/17/2024	1/31/2024	12/19/2023
Dyna-Gro 9701	Awned	49.4 l-q	54.4 n-r	2.3 fgh	97.3 pq	36.3 klm	13.8 bc	0.3 ab	1.9 g-k	100.0 a
Monsanto WB-4523 (HRWW)	Awned	49.4 m-q	54.2 pqr	1.0 a	92.0 c-g	31.7 a	1.5 a	1.8 b	1.8 i-m	100.0 a
USG 3536	Awned	49.2 n-q	55.0 l-p	2.7 ghi	96.5 m-p	36.7 lm	0.0 a	0.5 ab	2.0 g-j	98.3 ab
Grow Pro GP 747	Awned	48.9 opq	49.5 v	1.2 ab	97.3 pq	34.0 d-j	0.0 a	7.5 e	1.9 g-k	98.3 ab
Dyna-Gro 9172	Awned	48.7 opq	52.9 st	1.7 b-e	97.2 opq	34.0 d-j	0.0 a	5.3 cd	1.6 klm	98.3 ab
Pioneer 25R40	Awned	48.7 opq	53.8 qrs	1.7 b-e	98.2 q	32.8 a-e	0.0 a	0.0 a	2.0 g-j	96.7 abc
Monsanto WB-4418 (HRWW)	Awned	48.5 opq	57.3 c-f	1.3 abc	90.8 bc	34.7 f-k	21.3 def	0.0 a	1.6 klm	96.7 abc
AGS 2055	Awned	48.3 o-r	54.5 m-q	3.0 i	94.8 kl	35.7 jkl	22.5 def	0.0 a	2.2 e-h	100.0 a
TX20D5143	Awned	46.2 p-s	51.0 u	1.0 a	109.3 t	39.0 no	0.0 a	0.0 a	2.1 f-i	100.0 a
USG 3574	Awnless	45.2 qrs	51.4 u	1.3 abc	95.3 klm	31.8 ab	27.5 f	5.8 d	1.9 g-k	98.3 ab
Pioneer 25R29	Awned	43.6 rs	53.8 qrs	3.0 i	96.5 m-p	37.7 mn	2.5 a	1.0 ab	1.8 i-m	95.0 bc
TAM 114 (HRWW)	Awned	42.5 s	53.6 q-t	1.0 a	99.7 r	38.8 n	0.0 a	4.5 cd	1.7 j-m	100.0 a
	LSD (P = .05)	4.94	0.97	0.58	1.32	1.74	6.57	1.58	0.35	4.26
	CV (%)	7.78	1.55	32.46	1.22	4.36	52.24	118.64	15.19	3.82
	GRAND MEAN	55.74	55.35	1.56	94.67	35.05	8.99	0.95	2.05	98.07

†Ranked According to Yield

Date Planted: October 23, 2023

Date Harvested: June 14, 2024

¹Shattering Scale: 1 – None to Light, 2 – Light to Moderate, 3 - Extreme

²Heading Observation dates: March 27th (87), April 1st (92), April 4th (95), April 8th (99), April 15th (106), April 17th (108)

³Forage Scale: 1 – less upright growth, thin leaf blade, 2 – moderate upright growth & leaf blade, 3 – excellent upright growth, wide leaf blade

24-05. 2023-24 SRWW Variety Comparison with Selected HRWWs Study @ Greenville, TX (Northeast Texas Agricultural Research Farm)

Table 1 MEAN Summary Comparison Table												
Variety†	Head Type	Yield	Test Weight	Shattering ¹	Heading ²	Plant Height	Leaf Rust Flag Leaf Infection FINAL	Leaf Rust Flag Leaf Infection INITIAL	Stripe Rust Flag Leaf Infection FINAL	Stripe Rust Flag Leaf Infection INITIAL	Barley Yellow Dwarf Virus ³	Stand
		Bu/ac	Lb/bu	1-3	Julian	inches	%	%	%	%	1-10	%
						5/21/2024	5/1/2024	4/17/2024	5/1/2024	4/17/2024	4/15/2024	12/18/2023
Blackland 2344	Awned	49.3 a	62.7 a	1.0 a	97.0 h-l	27.5 a-e	0.3 a	0.0	0.8 ab	0.0 a	1.8 a-f	96.7 a
Dyna-Gro 9120	Awned	49.2 a	60.1 a-e	1.0 a	97.7 h-n	28.8 e-j	52.5 f	0.3	0.0 a	0.0 a	2.0 a-f	93.3 abc
Blackland 2167	Awned	48.4 ab	60.0 b-f	1.7 cde	100.0 q-u	28.3 d-i	20.0 d	0.0	0.0 a	0.0 a	1.5 a-d	86.7 a-e
USG 3673	Awnless	46.8 abc	58.5 d-l	1.0 a	94.5 de	27.3 a-d	0.0 a	0.0	9.5 bcd	5.3 c-f	1.2 ab	88.3 a-e
Dyna-Gro 9393	Awned	46.3 abc	60.0 b-f	1.2 ab	100.7 r-u	28.2 c-h	17.5 cd	0.0	0.0 a	0.0 a	1.5 a-d	86.7 a-e
USG 3783	Awned	46.1 abc	60.1 a-e	1.5 bcd	100.7 r-u	28.0 b-g	10.8 a-d	0.0	0.0 a	0.0 a	1.7 a-e	88.3 a-e
Dyna-Gro 9811	Awned	45.4 abc	61.2 abc	2.2 fgh	96.0 e-h	29.5 h-l	1.3 ab	0.0	0.0 a	0.0 a	1.8 a-f	88.3 a-e
TX20D5116	Awned	45.1 a-d	59.5 b-h	1.0 a	94.0 cd	28.7 d-j	12.5 a-d	0.0	0.0 a	0.0 a	2.2 b-g	91.7 a-d
AGS 3022	Awned	45.0 a-d	61.0 a-d	1.0 a	89.0 a	26.8 abc	0.0 a	0.0	0.0 a	0.0 a	2.5 d-i	95.0 ab
USG 3463	Awned	44.6 a-e	58.9 c-j	1.8 def	96.0 e-h	28.5 d-j	5.3 abc	0.0	2.5 abc	2.5 abc	2.8 f-i	68.3 fgh
TX20D5145	Awned	44.1 a-f	58.5 d-k	1.2 ab	96.5 g-j	30.3 k-o	0.0 a	0.0	0.0 a	0.0 a	4.7 k	93.3 abc
Blackland 2383 (experimental)	Awnless	43.8 a-g	59.1 b-i	3.0 k	95.0 d-g	29.5 h-l	8.8 a-d	0.0	36.3 ef	8.3 fg	1.2 ab	93.3 abc
USG 3118	Awnletted	43.3 a-h	58.1 e-m	1.7 cde	94.5 de	26.7 ab	0.0 a	0.0	4.0 abc	2.0 abc	1.8 a-f	91.7 a-d
USG 3354	Awnless	43.0 a-i	58.0 e-m	1.3 abc	92.5 bc	27.7 b-e	2.5 ab	0.0	0.0 a	0.0 a	1.3 abc	86.7 a-e
TX20D5056	Awned	42.8 a-j	57.5 e-m	1.5 bcd	107.3 v	36.2 r	0.0 a	0.0	4.0 abc	4.0 b-e	1.2 ab	93.3 abc
AGS 2055	Awned	41.9 b-j	59.8 b-g	3.0 k	98.0 i-o	29.2 f-k	0.0 a	0.0	11.3 cd	7.0 ef	1.5 a-d	91.7 a-d
Grow Pro GP 543	Awnless	41.9 b-j	56.8 i-m	1.7 cde	92.7 bc	27.8 b-f	1.0 ab	0.0	0.3 a	0.3 a	1.8 a-f	80.0 b-g
Blackland 2255	Awned	41.0 c-k	57.7 e-m	3.0 k	98.5 l-q	27.8 b-f	7.8 a-d	0.0	0.0 a	0.0 a	1.5 a-d	88.3 a-e
Monsanto WB-4440 (HRWW)	Awnless	40.9 c-k	59.3 b-i	1.0 a	97.2 h-m	31.0 m-p	0.0 a	0.0	7.0 a-d	1.3 ab	3.3 hij	88.3 a-e
TX20D5143	Awned	40.3 c-k	53.1 p	1.2 ab	116.7 w	36.5 r	0.0 a	0.0	0.0 a	0.0 a	2.5 d-i	93.3 abc
Go Wheat GW 6000	Awned	40.0 c-l	58.8 c-j	1.0 a	96.5 g-j	28.2 c-h	10.0 a-d	0.0	0.0 a	0.0 a	2.3 c-h	83.3 a-f
Dyna-Gro 9701	Awned	38.5 d-m	58.0 e-m	2.7 ijk	99.7 o-t	31.5 opq	37.5 e	0.0	4.5 abc	2.0 abc	1.8 a-f	90.0 a-d
TAM 9216 (HRWW)	Awned	38.1 e-m	56.8 h-m	1.0 a	98.7 l-q	29.5 h-l	4.0 abc	0.0	4.0 abc	2.0 abc	2.8 f-i	86.7 a-e
Monsanto WB-4523 (HRWW)	Awned	38.0 e-m	55.7 m-p	1.0 a	96.7 g-k	26.7 ab	42.5 ef	2.5	0.0 a	0.0 a	3.5 ij	83.3 a-f

Variety†	Head Type	Yield	Test Weight	Shattering ¹	Heading ²	Plant Height	Leaf Rust Flag Leaf Infection FINAL	Leaf Rust Flag Leaf Infection INITIAL	Stripe Rust Flag Leaf Infection FINAL	Stripe Rust Flag Leaf Infection INITIAL	Barley Yellow Dwarf Virus ³	Stand
		Bu/ac	Lb/bu	1-3	Julian	inches	%	%	%	%	1-10	%
						5/21/2024	5/1/2024	4/17/2024	5/1/2024	4/17/2024	4/15/2024	12/18/2023
Grow Pro SY Viper	Awnless	37.7 f-m	56.4 j-n	2.0 efg	98.3 k-q	30.7 l-p	12.5 a-d	0.0	0.3 a	0.0 a	2.7 e-i	73.3 e-h
USG 3895	Awned	37.5 f-m	58.8 c-j	1.8 def	98.0 i-o	27.7 b-e	7.0 a-d	0.0	0.0 a	0.0 a	1.5 a-d	83.3 a-f
Bob Dole (HRWW)	Awned	37.2 g-n	56.0 k-o	1.0 a	94.7 def	32.7 q	0.0 a	0.0	3.0 abc	3.0 a-d	4.8 k	93.3 abc
Dyna-Gro 9332	Awned	37.1 g-n	61.5 ab	1.3 abc	101.7 u	30.7 l-p	0.0 a	0.0	5.3 a-d	2.5 abc	2.8 f-i	90.0 a-d
Dyna-Gro 9290	Awned	37.0 g-n	57.9 e-m	2.7 ijk	94.5 de	28.7 d-j	13.8 a-d	0.0	0.3 a	0.0 a	4.3 jk	91.7 a-d
Grow Pro GP 381	Awnless	36.7 h-n	59.3 b-i	1.8 def	98.8 m-q	26.2 a	1.3 ab	0.0	0.3 a	0.8 ab	1.0 a	76.7 d-h
USG 3752	Awned	36.4 i-n	59.3 b-i	1.0 a	97.2 h-m	29.7 i-m	0.0 a	0.0	33.8 e	11.3 g	2.2 b-g	91.7 a-d
Blackland 2034	Awned	36.0 j-n	59.2 b-i	2.7 ijk	99.2 n-r	29.7 i-m	67.5 g	0.0	0.0 a	0.0 a	1.2 ab	90.0 a-d
Pioneer 25R40	Awned	34.9 k-o	59.0 b-j	2.8 jk	101.3 tu	27.3 a-d	15.0 bcd	0.0	0.0 a	0.0 a	2.5 d-i	83.3 a-f
Dyna-Gro 9172	Awned	34.8 k-o	59.5 b-g	2.5 hij	99.5 o-s	28.5 d-j	52.5 f	0.3	0.0 a	0.0 a	1.8 a-f	90.0 a-d
TAM 304 (HRWW)	Awned	34.8 k-o	55.8 l-o	1.0 a	92.0 b	27.3 a-d	0.0 a	0.0	4.0 abc	3.5 a-e	3.3 hij	88.3 a-e
AGS 2024	Awned	34.7 k-o	57.7 e-m	1.2 ab	96.3 f-i	26.8 abc	0.8 ab	0.0	46.3 g	22.5 h	2.2 b-g	83.3 a-f
USG 3536	Awned	34.7 k-o	57.4 f-m	3.0 k	99.8 p-t	31.3 opq	11.3 a-d	0.0	0.0 a	0.0 a	2.2 b-g	83.3 a-f
Grow Pro GP 747	Awned	33.5 l-p	54.1 nop	1.5 bcd	101.2 stu	28.2 c-h	67.5 g	0.3	0.0 a	0.0 a	1.7 a-e	85.0 a-e
USG 3352	Awned	33.2 m-p	57.2 g-m	2.3 ghi	101.2 stu	29.8 j-n	11.3 a-d	0.0	0.0 a	0.0 a	1.8 a-f	78.3 c-g
USG 3472	Awned	31.8 m-p	57.9 e-m	2.7 ijk	99.3 n-r	29.3 g-l	45.0 ef	0.3	0.8 ab	0.3 a	2.0 a-f	61.7 h
Pioneer 25R29	Awned	30.5 nop	58.1 e-m	3.0 k	98.2 j-p	31.8 pq	20.0 d	0.0	0.0 a	0.0 a	2.8 f-i	83.3 a-f
Monsanto WB-4418 (HRWW)	Awned	29.2 op	56.1 k-o	1.0 a	95.2 d-g	26.7 ab	0.3 a	0.0	13.8 d	6.3 def	3.5 ij	66.7 gh
USG 3574	Awnless	28.9 op	53.5 op	2.2 fgh	98.7 l-q	28.3 d-i	53.8 fg	0.0	43.8 fg	25.0 h	1.2 ab	85.0 a-e
TAM 114 (HRWW)	Awned	27.4 p	53.8 nop	1.0 a	105.7 v	31.2 nop	53.8 fg	0.3	0.0 a	0.8 ab	3.2 ghi	66.7 gh
	LSD (P = .05)	6.83	2.64	0.49	1.79	1.49	14.33	NS	8.96	3.66	1.15	15.30
	CV (%)	15.29	3.99	25.01	1.6	4.49	67.57	904.40	119.74	104.42	44.72	11.0
	GRAND MEAN	39.27	58.12	1.73	98.10	29.15	15.16	0.09	5.35	2.51	2.25	85.72

†Ranked According to Yield

Date Planted: October 23, 2023

Date Harvested: June 11, 2024

¹Shattering Rating Scale: 1 – None to Light, 2 – Light to Moderate, 3 - Severe

²Heading Observation dates: April 1st (92), April 3rd (94), April 8th (99), April 15th (106), April 17th (108), April 25th (116)

³Barley Yellow Dwarf Virus Rating Scale: 1 – No infection, 10 – Worst, extreme infection