

Texas Locations Agronomic Data

South: 2016

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

¹All locations were conventionally tilled and planted on 7-inch row spacings.

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



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

Rank	Variety	Source	Yield (bu/a)				Test Wt (lb/bu)	Protein (%) [§]
			AVG	San Pat	Uvalde	Wharton	2016	2016
1	LCS Trigger	Limagrain	69.2	70.0	73.5	64.0	57.3	12.3
2	TX10D2265*	TAMU	62.2	65.5	62.7	58.4	56.1	12.9
3	WB9518	Monsanto	61.6	68.4	59.9	56.5	55.9	15.1
4	TX12M4688	TAMU	60.9	68.6	52.5	61.7	55.9	11.9
5	TX12M4615*	TAMU	60.2	68.1	52.8	59.7	54.8	13.4
6	Expresso	Monsanto	58.6	61.3	60.1	52.2	56.5	15.0
7	LCS Nitro	Limagrain	57.0	60.3	59.3	51.5	53.2	12.7
8	WB Mayville	Monsanto	56.4	59.6	67.4	42.4	56.2	14.5
9	WB9229	Monsanto	56.3	62.7	53.0	52.0	55.4	14.4
10	WB9411	Monsanto	56.1	61.0	59.2	48.0	56.6	13.5
11	TX12M4637*	TAMU	56.0	60.2	51.5	56.6	54.7	13.2
12	LCS Albany	Limagrain	56.0	60.7	54.4	52.4	55.2	12.4
13	TX11D3127*	TAMU	55.5	65.0	55.9	45.5	56.5	13.2
14	LCS Iguacu	Limagrain	55.0	61.5	53.5	50.0	57.4	12.1
15	TX11D3117*	TAMU	54.8	57.9	48.1	58.5	53.5	13.4
16	WB9112	Monsanto	54.6	69.9	52.8	41.2	54.2	13.8
17	TX04DH231-8*	TAMU	52.2	47.0	55.7	53.8	53.8	13.8
18	WB9668	Monsanto	52.2	56.3	64.1	36.0	54.7	15.3
19	SY Goliad	Syngenta	52.0	56.2	56.6	43.1	55.6	13.0
20	Verde	UM/USDA	51.4	56.5	49.8	48.0	56.3	13.6
21	LCS Breakaway	Limagrain	50.8	62.5	51.7	38.1	57.2	14.3
22	WB9377	Monsanto	50.6	55.2	49.8	46.7	56.7	13.8
23	TX12M4713*	TAMU	50.6	59.9	51.6	40.2	55.1	13.3
24	LCS Prime	Limagrain	50.0	53.3	44.8	52.0	56.6	13.1
25	Barlow	NDSU	50.0	62.3	46.9	40.8	55.1	15.0
26	TX11D3084*	TAMU	49.9	53.6	44.7	51.4	54.6	12.9
27	TX04DH231-6*	TAMU	49.6	50.4	46.4	51.8	52.9	14.2
28	Faller	NDSU	45.5	48.6	38.6	49.3	54.6	13.6
29	TX11D3039*	TAMU	44.5	44.2	30.5	58.8	54.8	13.4
30	TX99U8544*	TAMU	43.1	43.9	44.6	40.9	55.6	12.7
31	TX04DH237-15*	TAMU	41.9	53.6	31.7	40.4	53.5	13.5
32	TX04DH231-1*	TAMU	40.2	45.9	33.7	41.0	52.4	14.0
33	Elgin-ND	NDSU	37.1	32.9	43.9	34.5	50.8	14.4
LSD			7.1	15.3	13.5	6.1	2.9	0.5
CV			14.3	16.3	16.1	7.7	5.7	3.0
Mean			52.7	57.7	50.6	47.7	55.1	13.6

*Experimental breeding line

§Protein averaged across Wharton and Uvalde only.



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

Rank	Variety	Source	Yield (bu/a) [†]		Test Wt (lb/bu)
			2-Year [‡]	2016	2016
1	WB9518	Monsanto	46.5	68.4	55.0
2	Expresso	Monsanto	45.4	61.3	55.2
3	LCS Iguacu	Limagrain	42.8	61.5	56.7
4	TX12M4688*	TAMU	42.4	68.6	55.6
5	WB9112	Monsanto	41.9	69.9	52.8
6	WB Mayville	Monsanto	41.2	59.6	54.8
7	WB9229	Monsanto	38.4	62.7	54.7
8	SY Goliad	Syngenta	38.2	56.2	54.2
9	Verde	UM/USDA	38.0	56.5	55.2
10	LCS Albany	Limagrain	37.7	60.7	53.1
11	TX12M4713*	TAMU	37.5	59.9	55.7
12	TX11D3117*	TAMU	36.8	57.9	54.0
13	TX12M4615*	TAMU	35.9	68.1	54.9
14	TX12M4637*	TAMU	35.5	60.2	55.4
15	Faller	NDSU	32.6	48.6	54.9
16	TX11D3084*	TAMU	32.0	53.6	55.4
17	TX11D3039*	TAMU	28.6	44.2	55.0
18	TX99U8544*	TAMU	25.4	43.9	52.4
19	LCS Trigger	Limagrain		70.0	55.4
20	TX10D2265*	TAMU		65.5	55.5
21	TX11D3127*	TAMU		65.0	54.7
22	LCS Breakaway	Limagrain		62.5	55.2
23	Barlow	NDSU		62.3	55.5
24	WB9411	Monsanto		61.0	54.7
25	LCS Nitro	Limagrain		60.3	53.8
26	WB9668	Monsanto		56.3	54.3
27	WB9377	Monsanto		55.2	55.5
28	TX04DH237-15*	TAMU		53.6	53.2
29	LCS Prime	Limagrain		53.3	55.6
30	TX04DH231-6*	TAMU		50.4	52.8
31	TX04DH231-8*	TAMU		47.0	54.0
32	TX04DH231-1*	TAMU		45.9	53.4
33	Elgin-ND	NDSU		32.9	50.9
LSD			7.8	15.3	1.5
CV			19.6	16.3	1.6
Mean			37.7	57.7	54.5

*Experimental breeding line

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

‡ 2-year average based on 2015 and 2016.


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2016 Uniform Wheat Variety Trial: HRSW, Uvalde, TX

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

*Experimental breeding line

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

‡ 2-year average based on 2014 and 2016.



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2016 Uniform Wheat Variety Trial: HRSW, Wharton, TX

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

*Experimental breeding line

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

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

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

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

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



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

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

*Experimental breeding line

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