

Texas Locations Agronomic Data

Blacklands: 2016

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

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

2016 Uniform Wheat Variety Trial: HRWW, Blacklands Regional Summary

Rank	Variety	Source	Yield (bu/a)			Test Wt (lb/bu)
			AVG	Hillsboro	McGregor	2016
1	Billings	OSU	61.8	68.7	54.9	57.8
2	WB Cedar @ 60 lb/a	Monsanto	56.1	62.7	49.5	55.6
3	WB Cedar @ 90 lb/a	Monsanto	55.8	58.7	52.9	56.6
4	WB 4458	Monsanto	55.2	53.1	57.3	57.0
5	Gallagher	OSU	54.9	57.9	51.9	58.3
6	TAM 304/305 Blend	TAMU	53.9	57.1	50.6	56.2
7	WB 4303 (HV9W10-1002)	Monsanto	53.2	56.9	49.4	53.8
8	WB Cedar @ 30 lb/a	Monsanto	53.0	58.0	47.9	56.0
9	TAM 305	TAMU	52.8	62.9	42.8	56.8
10	SY Southwind	Syngenta	52.6	58.8	46.4	54.3
11	CJ	Syngenta	52.4	56.6	48.1	55.8
12	TAM 114	TAMU	52.2	62.7	41.7	57.3
13	SY Grit (05BC041-10-10)	Syngenta	52.2	59.9	44.4	55.7
14	SY Llano	Syngenta	52.1	56.5	47.8	58.5
15	Bentley	OSU	51.0	56.8	45.2	54.5
16	Greer	Syngenta	50.9	52.5	49.2	53.7
17	TAM 304*	TAMU	47.2*	50.5*	43.9*	53.0
18	TAM 401	TAMU	46.5	32.8	55.7	54.6
19	Doans	Syngenta	43.4	38.1	48.6	59.0
20	Fannin	Syngenta	42.4	46.1	38.7	57.4
21	Iba	OSU	42.3	49.6	35.1	56.2
22	Jackpot	Syngenta	42.2	45.0	39.3	54.1
23	SY Razor	Syngenta	41.3	22.3	54.0	59.9
24	Underwood	Dyna-Gro	40.1	47.4	32.9	53.6
25	TAM 204	TAMU	40.0	47.4	35.0	51.2
26	Coronado	Syngenta	39.4	46.5	28.9	56.2
27	Duster	OSU	39.2	45.0	33.3	55.5
28	SY Drifter	Syngenta	38.7	46.0	31.4	56.5
29	T158	Limagrain	37.9	45.4	30.3	54.3
30	WB 4515 (HV9W10-0458)	Monsanto	34.9	39.4	30.3	56.7
31	WB Redhawk	Monsanto	30.1	29.5	30.7	52.9
32	LCS Mint	Limagrain	29.5	36.9	22.1	54.0
33	LCS Wizard	Limagrain	27.7	29.9	25.5	56.6
34	WB Grainfield	Monsanto	27.7	37.1	21.5	52.2
35	Doublestop CL	OSU	24.6	22.0	27.3	58.3
36	LCS Pistol	Limagrain	23.4	26.2	20.5	55.2
37	CPLN 15-14	Croplan	22.2	26.6	17.7	51.6
38	Armour	Monsanto	20.2	19.3	21.1	50.8
39	TAM W101	TAMU	20.0	24.4	15.5	53.3
40	Long Branch (HRX1652)	Dyna-Gro	14.4	19.1	9.7	50.1
LSD			6.2	10.4	7.2	1.2
CV			12.9	13.7	11.5	1.9
Mean			41.8	45.5	38.2	55.3

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

2016 Uniform Wheat Variety Trial: HRWW, Hillsboro, TX

Rank	Variety	Source	Yield (bu/a) [†]				Test Wt (lb/bu)	Protein (%)
			4-Year [‡]	3-Year	2-Year	2016	2016	2016
1	WB Cedar @ 60 lb/a	Monsanto	67.0	65.8	71.2	62.7	56.6	10.9
2	Billings	OSU	65.5	64.8	78.9	68.7	58.7	11.5
3	Gallagher	OSU	64.0	63.5	69.2	57.9	59.0	11.1
4	WB 4458	Monsanto	63.9	64.1	68.8	53.1	57.0	11.2
5	TAM 304	TAMU	63.8	62.0	67.8	50.5*	54.8	11.0
6	Greer	Syngenta	59.6	57.7	63.5	52.5	56.4	11.7
7	TAM 305	TAMU	59.0	56.8	66.5	62.9	58.1	12.5
8	Jackpot	Syngenta	57.8	56.8	61.6	45.0	54.9	10.9
9	Iba	OSU	56.4	55.5	58.6	49.6	58.1	10.8
10	TAM 401	TAMU	54.0	50.5	57.5	32.8	55.5	12.3
11	Fannin	Syngenta	52.6	51.6	55.4	46.1	57.9	11.5
12	Armour	Monsanto	51.6	45.9	44.5	19.3	51.9	10.8
13	Duster	OSU	49.7	46.3	49.6	45.0	57.6	11.6
14	Coronado	Syngenta	47.6	47.0	57.0	46.5	56.6	11.6
15	Doans	Syngenta	46.3	47.1	54.7	38.1	58.6	12.7
16	TAM 204	TAMU		63.8	69.5	47.4	53.8	12.5
17	TAM 114	TAMU		63.1	70.2	62.7	58.8	10.7
18	WB Redhawk	Monsanto		48.8	50.6	29.5	52.2	11.2
19	CJ	Syngenta			68.2	56.6	57.2	11.6
20	SY Grit (05BC041-10-10)	Syngenta				59.9	57.1	10.6
21	SY Southwind	Syngenta				58.8	56.4	10.4
22	WB Cedar @ 90 lb/a	Monsanto				58.7	56.7	11.2
23	WB Cedar @ 30 lb/a	Monsanto				58.0	56.8	10.7
24	TAM 304/305 Blend	TAMU				57.1	56.8	11.6
25	WB 4303 (HV9W10-1002)	Monsanto				56.9	56.1	11.1
26	Bentley	OSU				56.8	56.3	10.8
27	SY Llano	Syngenta				56.5	59.3	11.5
28	Underwood	Dyna-Gro				47.4	55.5	11.4
29	SY Drifter	Syngenta				46.0	57.7	12.0
30	T158	Limagrain				45.4	55.8	11.0
31	WB 4515 (HV9W10-0458)	Monsanto				39.4	58.9	12.6
32	WB Grainfield	Monsanto				37.1	56.3	11.8
33	LCS Mint	Limagrain				36.9	56.4	10.7
34	LCS Wizard	Limagrain				29.9	57.7	12.1
35	CPLN 15-14	Croplan				26.6	53.7	12.9
36	LCS Pistol	Limagrain				26.2	56.5	12.0
37	TAM W101	TAMU				24.4	56.1	12.0
38	SY Razor	Syngenta				22.3	59.7	13.3
39	Doublestop CL	OSU				22.0	59.2	13.0
40	Long Branch (HRX1652)	Dyna-Gro				19.1	51.6	12.9
LSD			4.6	5.9	6.3	10.4	1.5	0.6
CV			11.1	12.4	9.5	13.7	1.5	3.2
Mean			57.2	56.1	62.1	45.5	56.6	11.6

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

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

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

2016 Uniform Wheat Variety Trial: HRWW, McGregor, TX

Rank	Variety	Source	Yield (bu/a) [†]				Test Wt (lb/bu)
			4-Year [‡]	3-Year	2-Year	2016	2016
1	Billings	OSU	59.2	51.1	50.4	54.9	56.8
2	CJ	Syngenta	53.5	49.0	50.7	48.1	54.3
3	Greer	Syngenta	51.9	48.1	52.3	49.2	50.9
4	TAM 401	TAMU	48.3	45.2	52.1	55.7	54.0
5	Doans	Syngenta	48.1	46.0	48.0	48.6	59.4
6	TAM 304	TAMU	47.7	42.9	44.2	43.9*	51.2
7	Duster	OSU	46.5	42.0	43.0	33.3	53.3
8	TAM 305	TAMU	45.4	40.5	42.6	42.8	55.5
9	Jackpot	Syngenta	43.7	39.2	45.8	39.3	53.2
10	Armour	Monsanto	42.6	33.9	33.5	21.1	49.7
11	Fannin	Syngenta	42.4	37.6	36.5	38.7	57.0
12	Coronado	Syngenta	38.8	36.2	39.8	28.9	55.7
13	TAM W101	TAMU	25.1	24.0	26.9	15.5	50.6
14	WB Cedar @ 60 lb/a	Monsanto		53.6	51.4	49.5	54.6
15	Gallagher	OSU		50.2	50.6	51.9	57.5
16	Iba	OSU		45.3	44.2	35.1	54.2
17	TAM 114	TAMU		45.3	48.0	41.7	55.8
18	SY Razor	Syngenta		41.8	43.1	54.0	60.0
19	TAM 204	TAMU		41.3	42.2	35.0	49.5
20	WB 4458	Monsanto			53.6	57.3	56.9
21	WB Redhawk	Monsanto			40.1	30.7	53.7
22	WB Cedar @ 90 lb/a	Monsanto				52.9	56.4
23	TAM 304/305 Blend	TAMU				50.6	55.6
24	WB 4303 (HV9W10-1002)	Monsanto				49.4	51.4
25	WB Cedar @ 30 lb/a	Monsanto				47.9	55.2
26	SY Llano	Syngenta				47.8	57.7
27	SY Southwind	Syngenta				46.4	52.3
28	Bentley	OSU				45.2	52.7
29	SY Grit (05BC041-10-10)	Syngenta				44.4	54.3
30	Underwood	Dyna-Gro				32.9	51.8
31	SY Drifter	Syngenta				31.4	55.3
32	WB 4515 (HV9W10-0458)	Monsanto				30.3	54.6
33	T158	Limagrain				30.3	52.7
34	Doublestop CL	OSU				27.3	57.4
35	LCS Wizard	Limagrain				25.5	55.5
36	LCS Mint	Limagrain				22.1	51.6
37	WB Grainfield	Monsanto				21.5	49.5
38	LCS Pistol	Limagrain				20.5	53.9
39	CPLN 15-14	Croplan				17.7	49.5
40	Long Branch (HRX1652)	Dyna-Gro				9.7	48.6
LSD			3.6	4.2	5.2	7.2	1.9
CV			9.7	10.5	10.1	11.5	2.2
Mean			45.6	42.8	44.7	38.2	54.0

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

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

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

2016 Uniform Wheat Variety Trial: SRWW, Blacklands Regional Summary

Rank	Variety	Source	Yield (bu/a)			Test Wt (lb/bu)
			AVG	Hillsboro	McGregor	2016
1	USG 3895	UniSouth Genetics	68.2	68.1	68.4	55.2
2	TX-EL2*	TAMU	64.1	70.4	59.9	56.1
3	AGS 2024	AgSouth Genetics	59.8	58.1	61.0	58.2
4	LA08115C-30*	Terral	59.8	73.0	50.9	57.7
5	AGS 2033 (GA03564-12E6)	Univ. Georgia	58.8	64.1	55.2	57.1
6	Coker 9553	Syngenta	58.6	64.8	54.4	57.7
7	LA09011UB-2*	Terral	58.4	59.8	57.5	57.2
8	AGS 2055 (ARGA11LE24)	Univ. Arkansas	57.0	62.3	53.4	56.9
9	LA03200E-2*	Terral	56.7	58.8	55.4	58.8
10	AGS 2040	AgSouth Genetics	55.4	60.7	52.0	58.2
11	AGS 2038	AgSouth Genetics	55.0	49.8	58.4	58.1
12	AGS 3000 (LA06146E-P4)	AgSouth Genetics	53.8	61.9	48.4	58.7
13	GA051102-13LE43*	Univ. Georgia	52.8	51.4	53.8	57.9
14	LA08090C-9-2*	Terral	52.5	55.5	50.5	58.0
15	SY 007	Syngenta	51.4	59.1	46.3	55.6
16	LA 754	Terral	50.0	49.8	50.1	56.8
17	SY Cypress	Syngenta	49.7	59.3	43.3	58.0
18	GA061349-13LE29*	Univ. Georgia	49.4	48.4	50.0	57.7
19	SY Viper	Syngenta	48.4	49.8	47.5	57.7
20	Oakes	Syngenta	47.9	56.4	42.3	58.2
21	AgriMAXX 446	AgriMAXX	46.0	40.3	49.8	54.6
22	USG 3201	UniSouth Genetics	45.0	48.2	42.8	55.7
23	TV 8848	Terral	44.3	42.6	45.4	53.6
24	GW 2058	Go-Wheat	44.1	52.6	38.5	55.3
25	AR01040-4-1*	Univ. Arkansas	43.6	39.9	46.1	54.7
26	TX12D4768*	TAMU	43.3	37.5	47.2	58.7
27	Dyna-Gro 9012	Dyna-Gro Seeds	42.4	43.1	42.0	56.9
28	GA061349-13LE31*	Univ. Georgia	42.4	42.9	42.1	57.6
29	GA04434-12LE28*	Univ. Georgia	41.2	52.2	33.9	56.6
30	SY Harrison	Syngenta	41.1	45.4	38.2	54.8
31	P25R40	Pioneer	38.1	38.0	38.3	56.6
32	Dyna-Gro 9591	Dyna-Gro Seeds	37.3	38.5	36.5	56.5
33	Dyna-Gro 9522	Dyna-Gro Seeds	35.9	32.1	38.4	55.3
34	GW 2056	Go-Wheat	35.0	30.0	38.3	51.8
35	P25R50	Pioneer	33.1	33.2	33.0	55.5
36	USG 3404	UniSouth Genetics	32.9	26.6	37.0	53.8
37	AgriMAXX 444	AgriMAXX	29.4	25.5	32.1	55.7
38	USG 3013	UniSouth Genetics	28.9	21.7	33.7	52.8
39	Dyna-Gro 9642	Dyna-Gro Seeds	27.9	27.3	28.3	48.0
40	AGS 2035	AgSouth Genetics	26.0	25.3	26.6	55.7
LSD			6.8	13.7	7.5	2.4
CV			11.6	14	10.1	2.6
Mean			46.6	48.1	45.7	56.3

*Experimental breeding line

2016 Uniform Wheat Variety Trial: SRWW, Hillsboro, TX

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

*Experimental breeding line

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

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

2016 Uniform Wheat Variety Trial: SRWW, McGregor, TX

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

*Experimental breeding line

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

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