

2015 Uniform Wheat Variety Trial: HRWW, Rolling Plains Regional Summary

Rank	Variety	Developer	Yield (bu/a) [†]					Test Wt. (lb/bu) [‡]
			3-loc AVG	Abilene	Brady	Electra	Vernon	2015
1	05BC041-10-10*	Syngenta	49.0	46.3	59.7	41.1	39.3	58.5
2	Bentley (OK09125)	OSU	45.0	43.1	55.2	36.7	36.5	57.1
3	SY Monument	Syngenta	44.3	45.3	50.3	37.3	53.3	57.9
4	WB 4458	Monsanto	43.1	46.3	49.8	33.1	47.1	58.9
5	Greer	Syngenta	42.0	41.4	53.5	31.2	40.6	56.1
6	AP11T1409*	Syngenta	42.0	51.1	44.9	29.9	38.1	57.6
7	SY Razor	Syngenta	41.9	36.8	57.4	31.4	48.7	59.7
8	TAM 114	TAMU	40.9	45.3	52.2	25.1	55.4	58.8
9	WB Cedar	Monsanto	40.8	46.0	44.8	31.6	33.9	57.7
10	SY Llano	Syngenta	40.0	40.6	45.9	33.5	35.5	60.7
11	WB Grainfield	Monsanto	39.9	44.3	46.7	28.7	43.9	57.1
12	TAM 401	TAMU	39.8	41.2	49.9	28.2	37.4	56.6
13	TAM 304	TAMU	39.5	45.3	42.2	30.8	33.4	54.3
14	Winterhawk	Monsanto	39.4	42.5	42.0	33.6	38.2	59.5
15	TAM 305	TAMU	39.4	45.8	51.5	20.8	42.9	58.0
16	SY Drifter	Syngenta	39.3	40.7	46.6	30.5	41.9	58.2
17	Gallagher	OSU	39.2	39.1	51.1	27.5	43.4	57.2
18	T158	Limagrain	37.2	44.2	43.5	23.8	32.1	57.3
19	LCS Mint	Limagrain	37.1	43.4	42.4	25.6	33.1	58.6
20	TAM 204	TAMU	35.9	41.8	41.1	25.0	35.8	56.2
21	KanMark	KSU	34.7	39.4	39.6	25.0	---	58.3
22	Iba	OSU	34.3	40.0	37.3	25.7	43.5	58.3
23	Doublestop CL	OSU	34.3	35.7	38.4	28.7	28.7	59.7
24	WB Redhawk	Monsanto	34.0	31.7	38.4	31.8	27.3	57.5
25	Fannin	Syngenta	33.6	37.7	38.9	24.2	39.1	59.2
26	TX09A001194*	TAMU	32.6	34.5	32.8	30.6	24.0	58.4
27	TX08A001249*	TAMU	32.6	35.8	36.8	25.1	33.0	59.1
28	TAM 113	TAMU	31.7	41.1	40.7	13.3	23.5	58.0
29	Everest	KSU	30.8	28.2	33.1	31.2	16.4	59.0
30	TX09D1172*	TAMU	30.8	31.2	34.7	26.5	25.2	58.8
31	Ruby Lee	OSU	30.6	28.4	34.5	28.8	26.1	58.2
32	Duster	OSU	29.9	38.5	33.3	18.0	31.4	56.2
33	TAM 112	TAMU	29.4	34.5	31.6	22.0	22.0	57.9
34	TAM 111	TAMU	29.0	29.5	35.0	22.5	20.6	57.9
35	LCS Wizard	Limagrain	28.7	32.0	27.5	26.6	34.5	57.3
36	Jackpot	Syngenta	28.4	35.8	43.1	6.4	33.6	56.5
37	TAM W-101	TAMU	28.3	31.5	33.4	19.9	20.3	56.4
38	Coronado	Syngenta	28.0	27.9	36.4	19.6	---	57.7
39	Weathermaster 135	Unknown	23.3	29.2	30.4	10.2	---	54.7
40	Endurance	OSU	21.1	26.7	26.9	9.6	---	55.8
LSD (5%)			3.6	4.9	4.5	5.1	11.5	0.7
CV (%)			12.2	7.9	6.6	11.9	19.9^a	1.0
Mean			35.5	38.5	41.8	26.3	35.7	57.8

* Experimental wheat breeding line

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

[‡]Yield and test weight average calculated from Abilene, Electra, and Brady locations only.

^aTrials with a coefficient of variation (CV) ≥ 15% contain excessive experimental error.

Readers should consider trials in a similar environment to confirm varietal effect on yields.

2015 Uniform Wheat Variety Trial: HRWW, Abilene, TX

Rank	Variety	Developer	Yield (bu/a) [†]				Test Wt. (lb/bu)
			4-Year [‡]	3-Year	2-Year	2015	2015
1	TAM 305	TAMU	33.0	33.9	34.1	45.8	60.6
2	TAM 113	TAMU	32.7	30.9	31.9	41.1	60.0
3	Greer	Syngenta	31.9	30.8	31.7	41.4	58.4
4	Jackpot	Syngenta	30.7	30.1	30.5	35.8	59.6
5	TAM 304	TAMU	30.3	30.6	31.4	45.3	58.3
6	Gallagher	OSU	30.2	29.8	29.5	39.1	59.5
7	Duster	OSU	30.0	29.6	28.9	38.5	60.3
8	TAM 401	TAMU	29.9	31.3	33.3	41.2	59.1
9	Iba	OSU	29.9	28.5	29.8	40.0	60.5
10	TAM 112	TAMU	28.6	28.6	29.8	34.5	61.2
11	SY Razor	Syngenta	28.6	28.2	27.5	36.8	61.6
12	Fannin	Syngenta	28.5	29.5	30.7	37.7	61.2
13	TAM W-101	TAMU	27.0	26.6	23.2	31.5	58.9
14	TAM 111	TAMU	26.0	26.0	27.1	29.5	60.4
15	TAM 114	TAMU		33.7	35.7	45.3	61.4
16	TAM 204	TAMU		30.2	31.0	41.8	59.4
17	SY Llano	Syngenta		30.0	31.9	40.6	61.6
18	Ruby Lee	OSU		26.0	24.1	28.4	60.5
19	Everest	KSU		23.1	24.1	28.2	61.1
20	LCS Mint	Limagrain			36.8	43.4	60.9
21	WB 4458	Monsanto			35.7	46.3	59.9
22	SY Monument	Syngenta			35.0	45.3	60.6
23	WB Cedar	Monsanto			34.3	46.0	58.9
24	T158	Limagrain			34.0	44.2	59.9
25	WB Grainfield	Monsanto			33.2	44.3	60.6
26	Winterhawk	Monsanto			31.3	42.5	62.0
27	Doublestop CL	OSU			30.7	35.7	62.0
28	TX08A001249*	TAMU			30.3	35.8	62.0
29	TX09A001194*	TAMU			29.2	34.5	61.8
30	LCS Wizard	Limagrain			29.0	32.0	60.3
31	SY Drifter	Syngenta			27.8	40.7	59.9
32	TX09D1172*	TAMU			27.1	31.2	61.4
33	Weathermaster 135	Unknown			25.1	29.2	58.6
34	WB Redhawk	Monsanto			23.4	31.7	60.4
35	Coronado	Syngenta			23.4	27.9	59.0
36	AP11T1409*	Syngenta				51.1	60.2
37	05BC041-10-10*	Syngenta				46.3	60.1
38	Bentley (OK09125)	OSU				43.1	59.1
39	KanMark	KSU				39.4	61.7
40	Endurance	OSU				26.7	59.7
		LSD (5%)	3.2	3.0	3.5	4.9	-
		CV (%)	13.3	11.0	10.1	7.9	-
		Mean	29.8	29.3	30.2	38.5	60.3

* Experimental wheat breeding line

[†]Varieties ranked according to 4-year, 3-year, 2-year, then 2015

[‡]4-year average based on 2011, 2012, 2014, and 2015.

2015 Uniform Wheat Variety Trial: HRWW, Brady, TX

Rank	Variety	Developer	Yield (bu/a) [†]			Test Wt.
			3-Year [‡]	2-Year	2015	(lb/bu) 2015
1	TAM 305	TAMU	42.0	53.1	51.5	57.6
2	TAM 304	TAMU	41.6	52.0	42.2	53.7
3	Jackpot	Syngenta	41.1	48.7	43.1	57.4
4	SY Razor	Syngenta	40.7	54.3	57.4	60.0
5	Greer	Syngenta	40.6	50.6	53.5	55.6
6	TAM 113	TAMU	39.8	45.7	40.7	58.0
7	TAM 401	TAMU	39.6	52.9	49.9	56.8
8	Gallagher	OSU	39.4	52.5	51.1	57.1
9	Coronado	Syngenta	39.2	46.4	36.4	57.9
10	Iba	OSU	38.0	45.4	37.3	58.2
11	Duster	OSU	35.8	43.4	33.3	56.2
12	TAM 111	TAMU	35.2	43.9	35.0	57.5
13	Fannin	Syngenta	34.4	43.4	38.9	58.8
14	TAM 112	TAMU	32.9	39.3	31.6	57.4
15	Endurance	OSU	31.4	39.5	26.9	55.8
16	TAM W-101	TAMU	30.0	37.7	33.4	55.8
17	Weathermaster 135	Unknown	28.7	32.6	30.4	54.3
18	TAM 114	TAMU		57.0	52.2	58.7
19	WB Cedar	Monsanto		53.4	44.8	57.8
20	SY Llano	Syngenta		53.1	45.9	60.8
21	Ruby Lee	OSU		50.4	34.5	57.7
22	TAM 204	TAMU		44.0	41.1	55.9
23	Everest	KSU		42.2	33.1	58.9
24	05BC041-10-10*	Syngenta			59.7	57.9
25	Bentley (OK09125)	OSU			55.2	56.5
26	SY Monument	Syngenta			50.3	57.2
27	WB 4458	Monsanto			49.8	58.8
28	WB Grainfield	Monsanto			46.7	56.6
29	SY Drifter	Syngenta			46.6	57.7
30	AP11T1409*	Syngenta			44.9	56.9
31	T158	Limagrain			43.5	57.4
32	LCS Mint	Limagrain			42.4	57.7
33	Winterhawk	Monsanto			42.0	59.5
34	KanMark	KSU			39.6	58.8
35	Doublestop CL	OSU			38.4	59.1
36	WB Redhawk	Monsanto			38.4	57.4
37	TX08A001249*	TAMU			36.8	58.7
38	TX09D1172*	TAMU			34.7	58.1
39	TX09A001194*	TAMU			32.8	57.5
40	LCS Wizard	Limagrain			27.5	56.3
		LSD (5%)	4.4	5.4	4.5	0.9
		CV (%)	12.7	9.9	6.6	1.0
		Mean	37.1	47.0	41.8	57.5

* Experimental wheat breeding line

[†]Varieties ranked according to 3-year, 2-year, then 2015 yield averages.

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

2015 Uniform Wheat Variety Trial: HRWW, Electra, TX

Rank	Variety	Developer	Yield (bu/a) [†]		Test Wt. (lb/bu)
			2-Year [‡]	2015	2015
1	TAM 304	TAMU	43.0	30.8	52.0
2	SY Llano	Syngenta	41.0	33.5	59.2
3	Everest	KSU	40.0	31.2	57.5
4	Greer	Syngenta	39.6	31.2	55.2
5	TAM 114	TAMU	39.0	25.1	56.5
6	SY Razor	Syngenta	38.4	31.4	56.8
7	Ruby Lee	OSU	37.1	28.8	57.4
8	Gallagher	OSU	36.4	27.5	55.4
9	TAM 305	TAMU	36.2	20.8	56.5
10	Iba	OSU	35.4	25.7	56.3
11	TAM 401	TAMU	35.1	28.2	53.5
12	TAM 204	TAMU	34.5	25.0	53.8
13	Duster	OSU	29.8	18.0	52.2
14	TAM 111	TAMU	29.6	22.5	56.8
15	TAM 112	TAMU	29.1	22.0	56.0
16	TAM W-101	TAMU	28.9	19.9	55.8
17	Fannin	Syngenta	28.8	24.2	58.2
18	Jackpot	Syngenta	26.6	6.4	51.0
19	Endurance	OSU	25.7	9.6	51.9
20	TAM 113	TAMU	25.2	13.3	56.1
21	05BC041-10-10*	Syngenta		41.1	58.4
22	SY Monument	Syngenta		37.3	57.5
23	Bentley (OK09125)	OSU		36.7	57.0
24	Winterhawk	Monsanto		33.6	56.8
25	WB 4458	Monsanto		33.1	58.2
26	WB Redhawk	Monsanto		31.8	54.9
27	WB Cedar	Monsanto		31.6	56.3
28	TX09A001194*	TAMU		30.6	57.8
29	SY Drifter	Syngenta		30.5	58.0
30	AP11T1409*	Syngenta		29.9	57.2
31	Doublestop CL	OSU		28.7	59.2
32	WB Grainfield	Monsanto		28.7	55.2
33	LCS Wizard	Limagrain		26.6	57.5
34	TX09D1172*	TAMU		26.5	58.4
35	LCS Mint	Limagrain		25.6	58.7
36	TX08A001249*	TAMU		25.1	57.1
37	KanMark	KSU		25.0	53.6
38	T158	Limagrain		23.8	54.3
39	Coronado	Syngenta		19.6	55.9
40	Weathermaster 135	Unknown		10.2	52.2
LSD (5%)			3.4	5.1	-
CV (%)			7.9	11.9	-
Mean			34.0	26.3	56.1

* Experimental wheat breeding line

[†]Varieties ranked according to 2-year, then 2015 yield averages.

[‡]2-year average based on 2012 and 2015.

2015 Uniform Wheat Variety Trial: HRWW, Vernon, TX - Irrigated (Syngenta)

Rank	Variety	Developer	Yield (bu/a)
			2015
1	TAM 114	TAMU	55.4
2	SY Monument	Syngenta	53.3
3	SY Southwind	Syngenta	49.0
4	SY Razor	Syngenta	48.7
5	WB 4458	Monsanto	47.1
6	WB Grainfield	Monsanto	43.9
7	Iba	OSU	43.5
8	Gallagher	OSU	43.4
9	CJ	Syngenta	43.4
10	TAM 305	TAMU	42.9
11	SY Drifter	Syngenta	41.9
12	Greer	Syngenta	40.6
13	Doans	Syngenta	39.3
14	05BC041-10-10*	Syngenta	39.3
15	Fannin	Syngenta	39.1
16	Winterhawk	Monsanto	38.2
17	AP11T1409*	Syngenta	38.1
18	TAM 401	TAMU	37.4
19	Billings	OSU	37.1
20	Bentley (OK09125)	OSU	36.5
21	TAM 204	TAMU	35.8
22	SY Llano	Syngenta	35.5
23	LCS Wizard	Limagrain	34.5
24	WB Cedar	Monsanto	33.9
25	Jackpot	Syngenta	33.6
26	TAM 304	TAMU	33.4
27	LCS Mint	Limagrain	33.1
28	TX08A001249*	TAMU	33.0
29	T158	Limagrain	32.1
30	Duster	OSU	31.4
31	Doublestop CL	OSU	28.7
32	WB Redhawk	Monsanto	27.3
33	Ruby Lee	OSU	26.1
34	TX09D1172*	TAMU	25.2
35	TX09A001194*	TAMU	24.0
36	TAM 113	TAMU	23.5
37	TAM 112	TAMU	22.0
38	TAM 111	TAMU	20.6
39	TAM W-101	TAMU	20.3
40	Everest	KSU	16.4
LSD (5%)			11.5
CV (%)			19.9^a
Mean			35.7

* Experimental wheat breeding line

^aTrials with a coefficient of variation (CV) \geq 15% contain excessive experimental error.

Readers should consider trials in a similar environment to confirm varietal effect on yields.

2015 Uniform Wheat Variety Trial: SRWW, Vernon, TX - Irrigated (Syngenta)

Rank	Variety	Developer	Yield (bu/a)
			2015
1	ARGA04510-11LE24*	UA/UGA	67.0
2	AP11TSA3416*	Syngenta	61.7
3	Dixie McAlister	Dixie	60.6
4	25R40	Pioneer	60.4
5	BO8-9199*	Syngenta	58.3
6	GA04434-12LE28*	UGA	57.4
7	TV 8848	Terral	57.4
8	AGS 2027	AgSouth Genetics	56.4
9	AgriMAXX 413	AgriMAXX	55.7
10	Coker 9553	Syngenta	55.4
11	GA03564-12E6*	UGA	55.1
12	USG 3201	UniSouth Genetics	54.3
13	LA033200E-2*	LSU	53.0
14	Jamestown	AES-VA	52.5
15	USG 3883	UniSouth Genetics	51.9
16	Dyna-Gro 9522	Dyna-Gro Seeds	51.4
17	LA0911UB-2*	LSU	50.9
18	AP11TSA3422*	Syngenta	50.8
19	SY Harrison	Syngenta	50.7
20	SY Bohnam (AP08TS7124*)	Syngenta	50.1
21	GA07163-12LE9*	UGA	48.6
22	USG 3120	UniSouth Genetics	48.4
23	AgriMAXX 415	AgriMaxx	47.4
24	TV 8861	Terral	46.2
25	Dixie Extreme	Dixie	45.8
26	Dyna-Gro 9012	Dyna-Gro Seeds	45.6
27	Dixie Kelsey	Dixie	45.6
28	25R50	Pioneer	42.9
29	GA04417-12E33*	UGA	42.6
30	Magnolia	Syngenta	42.5
31	USG 3404	UniSouth Genetics	41.9
32	AGS 2038	AgSouth Genetics	40.7
33	AgriMAXX 444	AgriMaxx	38.3
34	DXEX 13-3*	Dixie	37.9
35	LA 754	Terral	37.5
36	LA 841	Terral	34.3
37	AGS 2040	AgSouth Genetics	33.6
38	AGS 2035	AgSouth Genetics	33.0
39	Dyna-Gro 9591	Dyna-Gro Seeds	32.8
40	Oakes	Syngenta	31.7
LSD (5%)			11.0
CV (%)			14.0
Mean			48.2

* Experimental wheat breeding line