

2015 Uniform Wheat Variety Trial: HRWW, High Plains Regional Summary - Dryland

Rank	Variety	Developer	Yield (bu/a) [†]							Test Wt. [‡]
			4-loc AVG**	Etter	Dalhart	Groom	Hereford	Perryton	Sunray	2015 (lb/bu)
1	TX09A001194*	TAMU	50.1	52.2	17.9	65.0	54.4	29.6	28.9	56.3
2	WB Grainfield	Monsanto	47.4	45.4	---	65.6	52.8	27.8	25.7	54.1
3	TAM 204	TAMU	45.7	44.4	43.8	59.5	54.6	---	24.1	54.3
4	Bentley (OK09125)	OSU	44.8	44.4	43.9	58.3	52.4	---	24.2	54.4
5	TX08A001249*	TAMU	44.1	43.0	20.3	62.3	50.5	24.0	20.7	57.3
6	TAM 305	TAMU	43.9	38.0	35.2	59.8	51.4	---	26.5	56.2
7	TAM 401	TAMU	43.3	39.5	56.2	59.1	51.6	---	23.2	53.7
8	LCS Mint	Limagrain	43.1	53.1	39.4	54.8	41.6	20.0	22.9	55.9
9	SY Llano	Syngenta	42.9	41.7	57.0	50.1	54.1	24.4	25.6	56.6
10	SY Monument	Syngenta	42.9	35.7	51.6	61.3	51.2	24.5	23.3	54.5
11	Winterhawk	Monsanto	42.9	44.5	30.8	56.5	44.8	27.8	26.0	56.8
12	WB 4458	Monsanto	42.6	38.4	51.0	60.9	52.4	22.6	18.9	54.3
13	Duster	OSU	42.3	42.8	32.2	50.4	51.7	---	24.2	53.8
14	Doublestop CL	OSU	42.1	43.5	43.3	61.1	45.2	19.7	18.8	55.7
15	05BC041-10-10*	Syngenta	42.0	41.5	45.7	60.0	44.3	21.3	22.1	54.1
16	T158	Limagrain	41.6	42.3	40.6	59.6	44.1	36.2	20.3	55.4
17	lba	OSU	41.6	44.7	29.4	49.6	47.9	---	24.4	56.2
18	TX09D1172*	TAMU	41.6	44.5	---	50.2	47.5	23.3	24.2	55.7
19	WB Cedar	Monsanto	41.3	35.9	49.3	48.3	54.1	24.6	26.8	52.2
20	Gallagher	OSU	41.1	40.9	33.2	55.5	43.9	17.9	24.3	55.1
21	PlainsGold Denali	CSU	41.0	53.2	---	56.6	37.9	30.5	16.1	56.1
22	TAM 114	TAMU	40.5	35.2	47.8	59.6	45.9	28.4	21.1	56.6
23	Greer	Syngenta	40.2	40.1	48.1	56.3	45.9	25.0	18.4	53.8
24	PlainsGold Byrd	CSU	39.9	47.6	22.4	54.8	38.0	24.5	19.2	56.0
25	SY Razor	Syngenta	39.9	36.0	45.6	58.2	44.8	---	20.6	57.6
26	TAM 304	TAMU	39.3	34.3	35.0	55.0	46.7	21.5	21.4	53.0
27	LCS Wizard	Limagrain	39.0	42.4	27.0	49.6	44.7	21.2	19.3	55.2
28	TAM 113	TAMU	38.9	36.8	35.2	53.0	41.2	23.1	24.8	55.5
29	TAM 112	TAMU	38.9	45.9	19.3	49.7	35.0	23.6	25.1	55.0
30	PlainsGold Hatcher	CSU	38.9	49.7	---	48.7	35.6	---	21.5	55.3
31	KanMark	KSU	38.6	44.3	30.1	47.6	43.8	21.5	18.6	55.9
32	Ruby Lee	OSU	38.6	37.3	20.3	53.4	44.4	---	19.4	56.1
33	TAM 111	TAMU	38.5	42.1	12.6	56.9	35.8	25.0	19.4	56.0
34	PlainsGold Brawl CL Plus	CSU	38.2	37.0	---	53.1	40.3	26.3	22.6	56.8
35	SY Drifter	Syngenta	37.2	38.7	43.7	58.0	32.4	24.2	19.6	54.4
36	AP11T1409*	Syngenta	36.3	37.9	43.9	51.4	37.0	25.7	19.1	53.7
37	Everest	KSU	35.9	37.7	29.3	47.9	41.4	25.7	16.5	55.3
38	TAM W-101	TAMU	35.8	40.3	26.3	48.2	34.1	22.9	20.7	55.3
39	WB Redhawk	Monsanto	35.8	37.4	22.7	48.6	41.0	24.4	16.1	53.3
40	Endurance	OSU	35.3	35.6	---	49.4	38.9	---	17.5	54.5
		LSD (5%)	3.6	7.3	5.5	6.8	8.8	8.1	10.1	2.2
		CV (%)	10.9	10.8	16.4^a	7.6	12.1	20.0^a	15.5	2.9
		Mean	40.9	41.6	36.2	55.1	44.9	24.3	38.4	55.2

* Experimental wheat breeding line

[†]Varieties ranked according to 4-location average.

**Average based on Etter, Groom, Hereford, and Sunray 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, Etter, TX - Dryland

Rank	Variety	Developer	Yield (bu/a) [†]		Test Wt. (lb/bu)
			2-Year [‡]	2015	2015
1	TAM 204	TAMU	44.4	44.4	57.5
2	TAM 114	TAMU	35.2	35.2	59.1
3	TAM 112	TAMU	30.8	45.9	58.9
4	Winterhawk	Monsanto	29.3	44.5	59.4
5	Iba	OSU	29.3	44.7	60.1
6	TAM 113	TAMU	27.7	36.8	59.2
7	Gallagher	OSU	27.3	40.9	59.9
8	TAM W-101	TAMU	26.7	40.3	60.8
9	TAM 111	TAMU	26.2	42.1	60.1
10	Duster	OSU	26.2	42.8	59.6
11	Greer	Syngenta	25.9	40.1	55.3
12	TAM 305	TAMU	24.6	38.0	59.4
13	Endurance	OSU	24.3	35.6	56.4
14	SY Razor	Syngenta	22.8	36.0	57.4
15	TAM 304	TAMU	22.8	34.3	57.3
16	TAM 401	TAMU	22.1	39.5	57.0
17	WB Cedar	Monsanto	21.8	35.9	54.4
18	PlainsGold Denali	CSU		53.2	60.8
19	LCS Mint	Limagrain		53.1	60.4
20	TX09A001194*	TAMU		52.2	60.4
21	PlainsGold Hatcher	CSU		49.7	60.0
22	PlainsGold Byrd	CSU		47.6	59.2
23	WB Grainfield	Monsanto		45.4	58.4
24	TX09D1172*	TAMU		44.5	59.6
25	Bentley (OK09125)	OSU		44.4	55.8
26	KanMark	KSU		44.3	58.7
27	Doublestop CL	OSU		43.5	60.5
28	TX08A001249*	TAMU		43.0	60.6
29	LCS Wizard	Limagrain		42.4	58.0
30	T158	Limagrain		42.3	56.7
31	SY Llano	Syngenta		41.7	59.2
32	05BC041-10-10*	Syngenta		41.5	54.7
33	SY Drifter	Syngenta		38.7	59.0
34	WB 4458	Monsanto		38.4	57.0
35	AP11T1409*	Syngenta		37.9	56.4
36	Everest	KSU		37.7	57.5
37	WB Redhawk	Monsanto		37.4	59.1
38	Ruby Lee	OSU		37.3	55.9
39	PlainsGold Brawl CL Plus	CSU		37.0	58.7
40	SY Monument	Syngenta		35.7	59.3
LSD (5%)			4.9	7.3	-
CV (%)			15.1	10.8	-
Mean			26.7	41.6	58.4

* Experimental wheat breeding line

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

[‡]2-year average based on 2011 and 2015.

2015 Uniform Wheat Variety Trial: HRWW, Dalhart, TX - Dryland (Syngenta)

Rank	Variety	Developer	Yield (bu/a)
			2015
1	SY Llano	Syngenta	57.0
2	TAM 401	TAMU	56.2
3	SY Southwind	Syngenta	53.2
4	SY Monument	Syngenta	51.6
5	WB 4458	Monsanto	51.0
6	WB Cedar	Monsanto	49.3
7	Greer	Syngenta	48.1
8	TAM 114	TAMU	47.8
9	05BC041-10-10*	Syngenta	45.7
10	SY Razor	Syngenta	45.6
11	AP11T1409*	Syngenta	43.9
12	Bentley (OK09125)	OSU	43.9
13	TAM 204	TAMU	43.8
14	SY Drifter	Syngenta	43.7
15	Doublestop CL	OSU	43.3
16	T158	Limagrain	40.6
17	LCS Mint	Limagrain	39.4
18	TAM 113	TAMU	35.2
19	TAM 305	TAMU	35.2
20	TAM 304	TAMU	35.0
21	Jackpot	Syngenta	34.8
22	Armour	Monsanto	34.5
23	Gallagher	OSU	33.2
24	Duster	OSU	32.2
25	Winterhawk	Monsanto	30.8
26	KanMark	KSU	30.1
27	Iba	OSU	29.4
28	Everest	KSU	29.3
29	LCS Wizard	Limagrain	27.0
30	TAM W-101	TAMU	26.3
31	WB Redhawk	Monsanto	22.7
32	PlainsGold Byrd	CSU	22.4
33	Ruby Lee	OSU	20.3
34	TX08A001249*	TAMU	20.3
35	TAM 112	TAMU	19.3
36	TX09A001194*	TAMU	17.9
37	TAM 111	TAMU	12.6
LSD (5%)			10.1
CV (%)			16.4^a
Mean			36.6

* 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: HRWW, Groom, TX - Dryland

Rank	Variety	Developer	Yield (bu/a) [†]				Test Wt. (lb/bu)
			4-Year [‡]	3-Year	2-Year	2015	2015
1	Greer	Syngenta	46.5	48.0	42.0	56.3	56.2
2	Winterhawk	Monsanto	45.4	49.0	42.5	56.5	58.4
3	TAM 304	TAMU	44.4	47.1	39.1	55.0	52.8
4	WB Cedar	Monsanto	43.5	45.8	35.9	48.3	54.6
5	TAM 111	TAMU	43.1	46.1	40.7	56.9	57.3
6	TAM 113	TAMU	42.9	44.4	38.1	53.0	56.1
7	TAM 112	TAMU	42.5	44.0	38.3	49.7	56.5
8	Iba	OSU	42.4	44.7	37.2	49.6	56.5
9	PlainsGold Hatcher	CSU	42.0	44.1	38.1	48.7	55.6
10	TAM 305	TAMU	41.7	44.1	41.7	59.8	56.1
11	Endurance	OSU	41.2	43.3	35.6	49.4	53.7
12	Duster	OSU	41.0	44.9	39.5	50.4	53.7
13	SY Razor	Syngenta	39.7	43.6	40.8	58.2	57.5
14	TAM 401	TAMU	39.1	42.5	40.8	59.1	54.6
15	TAM W-101	TAMU	39.0	40.3	36.8	48.2	55.8
16	TAM 114	TAMU		50.0	45.2	59.6	57.0
17	TAM 204	TAMU		50.0	43.8	59.5	54.1
18	T158	Limagrain		49.4	44.6	59.6	56.5
19	Ruby Lee	OSU		46.0	38.8	53.4	57.3
20	Everest	KSU		42.2	35.1	47.9	56.3
21	SY Llano	Syngenta		40.6	35.2	50.1	56.3
22	WB Grainfield	Monsanto			49.9	65.6	57.9
23	TX09A001194*	TAMU			49.6	65.0	57.0
24	TX08A001249*	TAMU			48.0	62.3	58.9
25	SY Monument	Syngenta			46.8	61.3	56.3
26	PlainsGold Denali	CSU			46.2	56.6	56.5
27	WB 4458	Monsanto			46.0	60.9	55.8
28	LCS Mint	Limagrain			44.6	54.8	57.3
29	PlainsGold Byrd	CSU			42.0	54.8	57.6
30	TX09D1172*	TAMU			41.0	50.2	57.7
31	WB Redhawk	Monsanto			37.4	48.6	54.8
32	LCS Wizard	Limagrain			37.3	49.6	56.2
33	Doublestop CL	OSU				61.1	56.6
34	05BC041-10-10*	Syngenta				60.0	56.8
35	Bentley (OK09125)	OSU				58.3	55.7
36	SY Drifter	Syngenta				58.0	56.8
37	Gallagher	OSU				55.5	55.3
38	PlainsGold Brawl CL Plus	CSU				53.1	57.4
39	AP11T1409*	Syngenta				51.4	55.2
40	KanMark	KSU				47.6	57.4
LSD (5%)			3.2	3.6	4.8	6.8	--
CV (%)			8.9	9.0	8.4	15.7^a	--
Mean			42.3	38.0	40.2	20.2	57.5

* Experimental wheat breeding line

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

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

^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, Hereford, TX - Dryland

Rank	Variety	Developer	Yield (bu/a) [†]		Test Wt. (lb/bu)
			2-Year [‡]	2015	2015
1	Duster	OSU	35.0	51.7	48.5
2	WB Cedar	Monsanto	34.0	54.1	47.5
3	TAM 305	TAMU	33.4	51.4	54.1
4	TAM 401	TAMU	32.8	51.6	51.1
5	Iba	OSU	31.4	47.9	52.0
6	TAM 304	TAMU	30.8	46.7	50.5
7	SY Razor	Syngenta	30.5	44.8	56.9
8	Gallagher	OSU	30.3	43.9	51.8
9	Winterhawk	Monsanto	30.2	44.8	55.3
10	Greer	Syngenta	30.2	45.9	50.6
11	TAM 113	TAMU	29.6	41.2	53.5
12	Endurance	OSU	27.7	38.9	54.8
13	TAM 112	TAMU	26.7	35.0	52.2
14	TAM 111	TAMU	25.4	35.8	54.9
15	TAM W-101	TAMU	24.4	34.1	50.9
16	TAM 204	TAMU		54.6	53.3
17	TX09A001194*	TAMU		54.4	55.3
18	SY Llano	Syngenta		54.1	55.0
19	WB Grainfield	Monsanto		52.8	47.5
20	WB 4458	Monsanto		52.4	51.6
21	Bentley (OK09125)	OSU		52.4	51.9
22	SY Monument	Syngenta		51.2	51.6
23	TX08A001249*	TAMU		50.5	56.8
24	TX09D1172*	TAMU		47.5	54.1
25	TAM 114	TAMU		45.9	55.7
26	Doublestop CL	OSU		45.2	51.0
27	LCS Wizard	Limagrain		44.7	52.7
28	Ruby Lee	OSU		44.4	56.5
29	05BC041-10-10*	Syngenta		44.3	51.3
30	T158	Limagrain		44.1	50.8
31	KanMark	KSU		43.8	55.1
32	LCS Mint	Limagrain		41.6	51.3
33	Everest	KSU		41.4	52.5
34	WB Redhawk	Monsanto		41.0	48.4
35	PlainsGold Brawl CL Plus	CSU		40.3	55.1
36	PlainsGold Byrd	CSU		38.0	53.7
37	PlainsGold Denali	CSU		37.9	54.0
38	AP11T1409*	Syngenta		37.0	49.0
39	PlainsGold Hatcher	CSU		35.6	53.2
40	SY Drifter	Syngenta		32.4	48.9
		LSD (5%)	3.9	8.8	-
		CV (%)	11.2	12.1	-
		Mean	30.2	44.9	52.5

* Experimental wheat breeding line

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

[‡]2-year average based on 2011 and 2015.

2015 Uniform Wheat Variety Trial: HRWW, Perryton, TX - Dryland (Syngenta)

Rank	Variety	Developer	Yield (bu/a) [†]			
			4-Year [‡]	3-Year	2-Year	2015
1	Winterhawk	Monsanto	39.8	35.3	33.9	27.8
2	TAM 113	TAMU	36.8	32.1	29.1	23.1
3	TAM 112	TAMU	36.7	31.7	29.0	23.6
4	TAM 304	TAMU	36.5	30.6	28.9	21.5
5	Jackpot	Syngenta	35.9	31.5	30.8	19.8
6	TAM 111	TAMU	35.8	29.4	29.8	25.0
7	Greer	Syngenta	34.8	29.4	30.5	25.0
8	TAM W-101	TAMU	31.3	25.7	23.3	22.9
9	WB Cedar	Monsanto		32.1	32.1	24.6
10	Gallagher	OSU		28.9	27.9	17.9
11	T158	Limagrain			34.6	36.2
12	SY Llano	Syngenta			32.8	24.4
13	TAM 114	TAMU			31.3	28.4
14	Everest	KSU			28.0	25.7
15	T154	Limagrain				31.2
16	PlainsGold Denali	CSU				30.5
17	SY Southwind	Syngenta				29.8
18	TX09A001194*	TAMU				29.6
19	WB Grainfield	Monsanto				27.8
20	PlainsGold Brawl CL Plus	CSU				26.3
21	AP11T1409*	Syngenta				25.7
22	SY Monument	Syngenta				24.5
23	PlainsGold Byrd	CSU				24.5
24	WB Redhawk	Monsanto				24.4
25	SY Drifter	Syngenta				24.2
26	TX08A001249*	TAMU				24.0
27	TX09D1172*	TAMU				23.3
28	WB 4458	Monsanto				22.6
29	KanMark	KSU				21.5
30	05BC041-10-10*	Syngenta				21.3
31	LCS Wizard	Limagrain				21.2
32	LCS Mint	Limagrain				20.0
33	Doublestop CL	OSU				19.7
LSD (5%)			3.1	3.8	5.0	8.1
CV (%)			10.5	13.2	14.3	20.0^a
Mean			35.9	30.7	30.1	24.8

* Experimental wheat breeding line

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

[‡]4-year average based on 2010, 2011, 2012, and 2015.

^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, Sunray, TX - Dryland

Rank	Variety	Developer	Yield	Test Wt.
			(bu/a)	(lb/bu)
			2015	2015
1	TX09A001194*	TAMU	28.9	52.5
2	WB Cedar	Monsanto	26.8	52.3
3	TAM 305	TAMU	26.5	55.1
4	Winterhawk	Monsanto	26.0	54.0
5	WB Grainfield	Monsanto	25.7	52.5
6	SY Llano	Syngenta	25.6	56.1
7	TAM 112	TAMU	25.1	52.2
8	TAM 113	TAMU	24.8	53.0
9	Iba	OSU	24.4	56.1
10	Gallagher	OSU	24.3	53.3
11	TX09D1172*	TAMU	24.2	51.5
12	Bentley (OK09125)	OSU	24.2	54.1
13	Duster	OSU	24.2	53.2
14	TAM 204	TAMU	24.1	52.1
15	SY Monument	Syngenta	23.3	54.5
16	TAM 401	TAMU	23.2	51.9
17	LCS Mint	Limagrain	22.9	54.9
18	PlainsGold Brawl CL Plus	CSU	22.6	56.3
19	05BC041-10-10*	Syngenta	22.1	53.7
20	PlainsGold Hatcher	CSU	21.5	52.7
21	TAM 304	TAMU	21.4	51.6
22	TAM 114	TAMU	21.1	54.4
23	TAM W-101	TAMU	20.7	53.7
24	TX08A001249*	TAMU	20.7	52.8
25	SY Razor	Syngenta	20.6	58.6
26	T158	Limagrain	20.3	53.4
27	SY Drifter	Syngenta	19.6	53.0
28	Ruby Lee	OSU	19.4	54.6
29	TAM 111	TAMU	19.4	51.8
30	LCS Wizard	Limagrain	19.3	53.9
31	PlainsGold Byrd	CSU	19.2	53.7
32	AP11T1409*	Syngenta	19.1	54.1
33	WB 4458	Monsanto	18.9	53.7
34	Doublestop CL	OSU	18.8	54.5
35	KanMark	KSU	18.6	52.5
36	Greer	Syngenta	18.4	53.0
37	Endurance	OSU	17.5	53.2
38	Everest	KSU	16.5	54.8
39	PlainsGold Denali	CSU	16.1	53.1
40	WB Redhawk	Monsanto	16.1	51.0
LSD (5%)			5.5	--
CV (%)			15.5^a	--
Mean			21.8	53.6

* 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.