

2023 Texas A&M AgriLife High Plains Uniform Variety Trial Data - Panhandle Sites

Data will be compiled with other regions in the final state report at <https://varietytesting.tamu.edu/wheat/>

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2023 Uniform Wheat Variety Trial: HRWW, High Plains Irrigated Regional Summary

Rank†	Variety	Source	AVG	Yield (bu/a)		Test Wt (lb/bu)
				Bushland	Dumas	2023
1	TAM 114	TAMU	95.3	100.7	89.9	58.4
2	TAM 205	TAMU	92.1	93.5	90.8	60.3
3	Monarch	CSU	91.5	103.6	79.5	57.5
4	AP Prolific	Syngenta	91.5	99.5	83.5	58.5
5	SY Wolverine	Syngenta	91.3	93.6	89	59.4
6	CP7017AX	Croplan	89.7	94.4	85	59
7	WB4422	Wesbred	87.6	96.1	79.1	58.2
8	WB4792	Wesbred	87.4	99.6	75.2	57.5
9	OK15MASBx7ARS8-29	OSU	86.9	88.1	85.7	57.1
10	Showdown	OSU	86.7	97.4	75.9	57.4
11	High Cotton (OK18510)	OSU	86.5	95.9	77.2	59.1
12	LCS Julep	Limagrain	86.4	95.8	77	57.3
13	Guardian	CSU	85.6	90.5	80.7	57.8
14	TAM 116	TAMU	85.4	91.8	78.9	58.5
15	TAM 112	TAMU	85.3	91	79.7	59.6
16	TAM 115	TAMU	84.8	94.3	75.2	59.6
17	TX18A001119	TAMU	84.7	91.8	77.6	59.1
18	TX18A001132	TAMU	83.1	90.8	75.5	58.3
19	Dyna-Gro7322 ** (TX14V70214)	Nurien	82.9	91.5	74.4	57
20	TAM W101	TAMU	81.4	87.1	75.7	57.8
21	Kivari AX	CSU	81.3	91.7	70.9	57.2
22	Breakthrough	OSU	80.9	86.7	75.2	58.6
23	Canvas	CSU	80.3	89	71.5	57.1
24	LCS Helix AX	Limagrain	79.6	78	81.2	58.6
25	TX15M8024	TAMU	79.4	85.2	73.7	57.1
26	AP EverRock	Syngenta	79.3	86.4	72.2	57.8
27	TAM 204 **	TAMU	79.3	85.2	73.3	54.7
28	TX16M9216	TAMU	79.3	85.7	72.9	57.3
29	OK Corral**	OSU	78.6	89.4	67.7	54.9
30	LCS Atomic AX	Limagrain	75.9	72.9	78.9	57.9
31	LCS Steel AX	Limagrain	74	86.5	61.5	56.3
CV			11.8	8.3	6.2	3.6
LSD (0.05)			11.4	10.5	5.5	2.4
Mean			84.3	77.6	77.6	57.9

**Awnless variety.

†Varieties ranked according to 2-location yield average

2023 Uniform Wheat Variety Trial: HRWW, Bushland, TX (Irrigated)

Rank†	Variety	Source	Yield (bu/a)				Test Wt (lb/bu)
			4YR	3YR	2YR	2023	2023
1	WB4792	Wesbred	95.1	94.2	81.8	99.6	58.3
2	Guardian	CSU	91.8	96.6		90.5	58.5
3	CP7017AX	Croplan	87.2	87.1	79.6	94.4	61.1
4	TAM 116	TAMU	87.1	84.1	73.8	91.8	59.8
5	TAM 114	TAMU	87.1	90.9	84.6	100.7	61.3
6	Canvas	CSU	85.8	83.2	75.7	89.0	59.0
7	TAM 115	TAMU	84.4	87.2	76.7	94.3	60.6
8	OK Corral**	OSU	83.6	83.2	74.7	89.4	55.5
9	SY Wolverine	Syngenta	83.5	82.5	70.0	93.6	61.1
10	Dyna-Gro7322 ** (TX14V70214)	Nutrien	83.4	86.3	79.5	91.5	59.3
11	TAM 112	TAMU	80.5	79.2	69.4	91.0	61.3
12	Showdown	OSU	80.3	87.1	75.7	97.4	59.7
13	TAM 205	TAMU	80.3	81.8	71.5	93.5	62.3
14	TAM 204 **	TAMU	76.3	75.5	66.6	85.2	55.7
15	TAM W101	TAMU	64.4	64.6	62.9	87.1	59.4
16	Kivari AX	CSU		99.3	91.7	91.7	59.2
17	AP Roadrunner	Syngenta		81.9	58.2	.	.
18	AP EverRock	Syngenta		77.1	64.1	86.4	60.1
19	TX15M8024	TAMU		75.0	62.8	85.2	58.2
20	TX16M9216	TAMU		74.8	66.2	85.7	58.8
21	LCS Atomic AX	Limagrain			66.4	72.9	59.6
22	Breakthrough	OSU			68.7	86.7	60.5
23	LCS Helix AX	Limagrain			68.8	78.0	60.3
24	WB4422	Wesbred			75.0	96.1	59.6
25	LCS Steel AX	Limagrain			77.5	86.5	58.8
26	Monarch	CSU			83.5	103.6	58.6
27	High Cotton (OK18510)	OSU				95.9	60.9
28	APProlific	Syngenta				99.5	60.5
29	LCS Julep	Limagrain				95.8	58.2
30	OK15MASBx7ARS8-29	OSU				88.1	59.4
31	TX18A001119	TAMU				91.8	60.7
32	TX18A001132	TAMU				90.8	60.6
CV			21.2	23.0	25.2	8.3	1.4
LSD (0.05)			22.1	25.2	26.4	10.5	1.3
Mean			83.4	83.6	73.0	91.1	59.6

**Awnless variety.

†Varieties ranked according to 4-year, 3-year, 2-year, then 2023 yield averages.

2023 Uniform Wheat Variety Trial: HRWW, Dumas, TX (Irrigated)

Rank†	Variety	Source	Yield (bu/ac)				Test Wt (lb/bu)
			4YR	3YR	2YR	2023	2023
1	CP7017AX	Croplan	85.1	80.0	91.3	85.0	56.9
2	TAM114	TAMU	83.8	76.7		89.9	55.5
3	TAM205	TAMU	83.0	79.3	81.6	90.8	58.2
4	Canvas	CSU	80.6	76.4	83.0	71.5	55.1
5	SY Wolverine	Syngenta	79.7	75.7	90.7	89.0	57.7
6	WB4792	Wesbred	78.4	72.8	80.2	75.2	56.7
7	TAM 116	TAMU	77.3	71.7	83.1	78.9	57.1
8	TAM 115	TAMU	75.9	74.3	78.4	75.2	58.6
9	TAM 112	TAMU	74.6	73.9	82.7	79.7	58.0
10	Showdown	OSU	73.2	71.5	81.9	75.9	55.1
11	OK Corral **	OSU	72.4	65.3	73.7	67.7	54.3
12	TAM 204 **	TAMU	71.9	66.0	75.4	73.3	53.7
13	TAM W101	TAMU	71.6	65.1	77.5	75.7	56.2
14	Dyna-Gro7322 ** (TX14V70214)	TAMU	70.4	62.8	76.0	74.4	54.6
15	AP Roadrunner	Syngenta		67.2	82.4	.	.
16	TX16M9216	TAMU		64.4	81.7	72.9	55.7
17	AP EverRock	Syngenta		64.1	72.8	72.2	55.5
18	TX15M8024	TAMU		61.0	70.6	73.7	56.0
19	LCS Helix AX	Limagrain			88.7	81.2	56.8
20	Monarch	CSU			86.2	79.5	56.3
21	WB4422	Wesbred			83.8	79.1	56.7
22	LCS Atomic AX	Limagrain			81.5	78.9	56.2
23	Breakthrough	OSU			80.2	75.2	56.7
24	LCS Steel AX	Limagrain			77.7	61.5	53.7
25	TX18A001119	TAMU				77.6	57.6
26	TX18A001132	TAMU				75.5	56.0
27	AP Prolific	Syngenta				83.5	56.5
28	High Cotton (OK18510)	OSU				77.2	57.3
29	OK15MASBx7ARS8-29	OSU				85.7	54.8
30	LCS Julep	Limagrain				77.0	56.3
31	Guardian	CSU				80.7	57.0
32	Kivari AX	CSU				70.9	55.1
		CV	19.4	21.2	11.9	6.2	1.0
		LSD (0.05)	19.5	21.0	10.1	5.5	1.0
		Mean	77.0	70.5	80.9	77.6	56.2

**Awnless variety.

†Varieties ranked according to 4-year, 3-year, 2-year, then 2023 yield averages.

2023 Uniform Wheat Variety Trial: HRWW, Groom, TX (Dryland)

Rank†	Variety	Source	Yield (bu/ac)			Test Wt (lb/bu)
			3YR 2020 2021 2023	2YR 2021 2023	2023	2023
1	Canvas	CSU	61.8	72.0	60.3	59.0
2	TAM 115	TAMU	63.8	75.5	64.7	60.5
3	WB4792	Westbred	63.8	72.1	58.6	59.5
4	TAM 116	TAMU	61.7	69.6	59.0	58.5
5	TAM 205	TAMU	59.3	67.7	50.6	58.3
6	TAM 204	TAMU	58.9	67.3	51.0	57.5
7	Dyna-Gro7322 (TX14V70214)	Nutrien	58.5	65.0	51.3	58.0
8	Showdown	OSU	56.7	66.3	53.3	57.5
9	TAM 112	TAMU	56.1	63.4	52.9	57.9
10	TAM 114	TAMU	53.7	60.3	50.0	58.2
11	SY Wolverine	Syngenta	52.2		58.8	57.4
12	TAM W101	TAMU	46.9	53.3	46.7	56.0
13	Guardian	CSU		68.6	59.1	58.4
14	OK Corral	OSU		66.3	55.6	57.5
15	TX15M8024	TAMU		62.5	53.9	57.5
16	TX16M9216	TAMU		60.2	49.1	58.6
17	LCS Julep	Limagrain			69.0	58.3
18	Kivari AX	CSU			63.1	58.2
19	TX18A001119	TAMU			57.8	59.9
20	TX18A001132	TAMU			54.8	58.0
21	OK15MASBx7ARS8-29	OSU			54.3	57.9
22	WB4422	Westbred			53.8	59.2
23	High Cotton (OK18510)	OSU			53.4	58.3
24	Breakthrough	OSU			50.6	58.0
25	LCS Atomic AX	Limagrain			39.1	56.8
26	LCS Helix AX	Limagrain			38.1	56.3
27	LCS Photon AX	Limagrain			30.9	55.7
		CV	25.7	18.6	6.2	1.0
		LSD (0.05)	20.2	17.7	5.5	1.0
		Mean	57.8	66.0	53.3	58.0

**Awnless variety.

†Varieties ranked according to 4-year, 3-year, 2-year, then 2023 yield averages.