

**2020-2021 Texas A&M AgriLife High Plains Uniform Variety Trials: Panhandle Irrigated**

Dalhart: Late emergence and low tillering

Dumas: Heavy Wheat Streak Mosaic Virus Infestation



Rank <sup>†</sup>	Variety	Source	Panhandle Irrigated Average		Bushland Irrigated Planting Date 10/12/2020		Dalhart Irrigated Planting Date 11/6/2020		Dumas Irrigated Planting Date 11/12/2020	
			Grain Yield (13% Moist.)	Test Weight (lb/bu)	Grain Yield (13% Moist.)	Test Weight (lb/bu)	Grain Yield (13% Moist.)	Test Weight (lb/bu)	Grain Yield (13% Moist.)	Test Weight (lb/bu)
1	Guardian	CSU	84.8	60.5	102.7	62.8	71.1	58.1	80.6	.
2	WB4792	WestBred	81.4	61.1	119.1	63.4	67.2	58.8	58.1	.
3	Crescent AX	CSU	81.3	59.8	102.9	63.0	76.9	56.6	64.2	.
4	CP7017AX	Croplan	79.5	60.2	102.0	62.8	79.1	57.6	57.4	.
5	TX14M7061	TAMU	79.0	59.8	108.7	62.4	73.8	57.3	54.5	.
6	TAM 205	Adaptive Genetics	78.9	61.4	102.3	63.5	59.5	59.3	74.7	.
7	Canvas	CSU	77.7	61.1	98.2	62.5	71.9	59.6	63.1	.
8	Showdown	OSU	77.5	59.6	109.9	62.1	72.0	57.0	50.7	.
9	TAM 115	Watley Seed	77.3	60.7	104.7	63.7	59.8	57.7	67.3	.
10	WB4595	WestBred	76.6	61.8	107.6	63.5	69.5	60.2	52.7	.
11	TAM 113	Adaptive Genetics	75.9	60.1	111.8	63.4	62.7	56.8	53.3	.
12	TAM 114	Adaptive Genetics	75.3	61.1	101.3	63.3	72.2	59.0	52.3	.
13	TAM 112	Watley Seed	75.0	60.7	98.9	63.1	69.6	58.3	56.5	.
14	Kivari AX (CO14A055-258)	CSU	74.7	58.9	107.0	61.7	75.4	56.2	41.6	.
15	TX14A001035	TAMU	74.5	60.9	104.9	63.8	70.0	57.9	48.7	.
16	AP Roadrunner	Syngenta	74.4	59.9	105.6	62.6	65.6	57.3	52.0	.
17	OK Corral	OSU	74.0	58.5	100.3	61.4	77.4	55.6	44.5	.
18	AP EverRock	Syngenta	73.7	59.8	103.2	61.9	71.0	57.6	46.7	.
19	OK 168512	OSU	72.9	60.5	94.6	62.4	62.3	58.6	61.8	.
20	SY Wolverine	Syngenta	72.9	60.1	107.6	62.7	65.5	57.5	45.5	.
21	TX15M8024	TAMU	71.4	59.7	99.5	61.7	72.8	57.7	41.8	.
22	TAM 204	Watley Seed	69.9	59.1	93.3	61.0	69.2	57.2	47.2	.
23	Lonerider	OSU	69.2	60.2	94.5	62.8	64.8	57.6	48.3	.
24	TX14V70214	TAMU	69.0	59.0	97.8	61.6	72.7	56.4	36.5	.
25	TAM 304	Scott Seed	68.0	58.6	95.4	61.3	67.0	56.0	41.6	.
26	Baker's Ann	OSU	67.8	60.4	82.3	62.4	67.2	58.4	54.0	.
27	TX14A001249	TAMU	65.2	59.9	86.8	61.4	67.3	58.4	41.6	.
28	TX16M9216	TAMU	61.7	60.2	91.9	62.1	63.5	58.2	29.8	.
29	CP7050AX	Croplan	60.3	59.7	73.2	61.4	58.2	58.1	49.4	.
30	TAM W-101	TAMU	54.6	59.4	68.1	61.6	55.6	57.2	40.2	.
Average			73.1	60.1	99.2	62.4	68.4	57.7	51.9	.
p-Val			.	.	<.0001	<.0001	0.2899	<.0001	<.0001	.
LSD			.	.	8.8	1.1	NS	1.5	13.2	.
CV			.	.	5.4	1.1	12.0	1.6	15.2	.

<sup>†</sup>Varieties ranked according to 3-location yield average.

**2020-2021 Texas A&M AgriLife High Plains Uniform Variety Trials: Panhandle Dryland**

Bushland: High variability due to freeze damage and dryland foot rot as indicated by high CV.



Rank <sup>†</sup>	Variety	Source	Panhandle Dryland Average		Bushland Dryland Planting Date 11/4/2020		Groom Dryland Planting Date 10/24/2020		Perryton Dryland Planting Date 11/9/2020	
			Grain Yield (13% Moist.)	Test Weight (lb/bu)	Grain Yield (13% Moist.)	Test Weight (lb/bu)	Grain Yield (13% Moist.)	Test Weight (lb/bu)	Grain Yield (13% Moist.)	Test Weight (lb/bu)
1	CP7017AX	Croplan	52.6	57.0	39.4	.	82.7	57.1	35.7	56.8
2	AP Roadrunner	Syngenta	51.5	56.7	35.9	.	85.0	56.7	33.7	56.8
3	TX14A001035	TAMU	51.4	58.1	38.9	.	80.2	58.3	35.2	57.9
4	TAM 205	Adaptive Genetics	51.2	57.7	35.8	.	84.7	58.0	33.0	57.5
5	Crescent AX	CSU	49.7	56.9	23.3	.	82.8	57.3	43.0	56.6
6	Showdown	OSU	49.6	56.5	33.4	.	79.3	56.9	36.0	56.2
7	OK Corral	OSU	49.4	55.9	34.3	.	77.0	55.7	36.8	56.0
8	TX14M7061	TAMU	49.0	56.3	22.9	.	87.6	56.9	36.4	55.8
9	TAM 115	Watley Seed	48.6	59.0	22.9	.	86.3	58.6	36.5	59.4
10	TX14A001249	TAMU	48.6	56.0	41.7	.	67.3	56.2	36.6	55.8
11	Winterhawk	WestBred	48.3	57.6	31.1	.	78.9	57.8	35.0	57.5
12	Canvas	CSU	47.5	58.3	22.8	.	83.7	58.3	36.2	58.3
13	TAM 112	Watley Seed	47.1	57.0	31.6	.	73.9	57.3	35.8	56.7
14	TAM 304	Scott Seed	47.0	55.6	27.3	.	80.7	55.8	33.0	55.4
15	WB4792	WestBred	46.6	59.1	25.0	.	85.6	59.2	29.2	59.0
16	Lonerider	OSU	46.6	57.5	28.9	.	76.4	57.3	34.5	57.7
17	TAM 113	Adaptive Genetics	46.4	56.8	29.9	.	78.3	57.2	31.0	56.4
18	OK 168512	OSU	46.4	57.0	26.2	.	76.4	57.1	36.6	56.9
19	WB4595	WestBred	46.4	58.6	35.6	.	73.6	58.3	29.9	58.9
20	Guardian	CSU	46.3	58.6	24.2	.	78.2	58.9	36.5	58.4
21	Baker's Ann	OSU	45.7	57.7	29.5	.	72.9	58.5	34.7	56.9
22	TX15M8024	TAMU	45.3	56.0	25.1	.	71.1	55.1	39.6	57.0
23	Kivari AX (CO14A055-258)	CSU	44.2	56.5	12.9	.	80.4	56.5	39.4	56.4
24	TAM 204	Watley Seed	43.9	55.8	14.6	.	83.6	55.7	33.5	55.9
25	TX14V70214	TAMU	43.5	55.9	22.1	.	78.6	56.5	29.7	55.4
26	TAM 114	Adaptive Genetics	42.3	58.3	25.4	.	70.6	58.7	30.8	57.9
27	TX16M9216	TAMU	40.4	57.0	21.4	.	71.2	56.7	28.6	57.4
28	CP7050AX	Croplan	39.2	57.9	32.6	.	60.9	58.0	24.1	57.9
29	TAM W-101	TAMU	36.6	56.6	19.4	.	59.9	56.4	30.5	56.8
Average			46.6	57.2	28.1	.	77.5	57.3	34.2	57.1
p-Val			.	.	<.0001	.	<.0001	<.0001	0.0	.
LSD			.	.	9.2	.	3.3	0.8	7.3	.
CV			.	.	20.0	.	8.0	0.8	12.8	.

<sup>†</sup> Varieties ranked according to 3-location yield average.