

**Dryland Wheat Variety Trial, NMSU Agricultural Science Center at Clovis, 2010**

Variety Name	Owner	Grain Yield <sup>1</sup> bu/a	Bushel Weight lb/bu	Harvest Moisture %	Plant Height in	Lodging %	Head Date date
Bill Brown	CSU	75.6 ***	59.1 *	11.8	29.0	0.0	5/6 *
Winterhawk	WestBred	73.3 *	60.0 *	11.4	31.4 *	0.0	5/6 *
TAM 112	Texas AgriLife	72.6 *	59.3 *	11.1	29.8	0.0	4/30
TX02A0252	Texas AgriLife	72.6 *	60.7 ***	11.8	30.8 *	0.0	5/6 *
Duster	OSU	72.4 *	57.3	11.0	29.8	0.0	5/7 *
TAM 111	Texas AgriLife	71.9 *	59.8 *	11.5	31.4 *	0.0	5/7 *
Hatcher	CSU	71.4 *	57.4	10.6	28.5	0.0	5/5
TAM 304	Texas AgriLife	70.5 *	58.3	10.7	27.1	0.0	5/1
AP00x0100-51	AgriPro	69.8	58.9	11.0	29.1	0.0	5/3
Fuller	KSU	68.4	59.1 *	11.1	31.2 *	0.0	5/3
AP503CL	AgriPro	68.3	59.5 *	11.2	29.0	0.0	5/7 *
Endurance	OSU	68.1	58.9	11.1	28.7	0.0	5/7 *
OK05511	OSU	67.4	58.7	10.8	30.8 *	0.0	5/7 *
TAM 203	Texas AgriLife	67.3	55.6	10.2	28.7	0.0	5/5
AP06T3832	AgriPro	66.9	56.5	10.6	29.9	0.0	5/6 *
OK05212	OSU	66.5	57.4	10.8	29.2	0.0	5/7 *
Billings	OSU	64.6	59.5 *	11.4	29.6	0.0	5/5
Armour	WestBred	64.6	58.1	10.8	26.5	0.0	5/3
Jagalene	AgriPro	63.4	58.8	11.5	29.5	0.0	5/5
AP06T3621	AgriPro	63.0	59.1 *	11.3	31.6 *	0.0	5/5
TX06A001263	Texas AgriLife	62.6	58.2	11.0	29.0	0.0	5/4
TX05A001822	Texas AgriLife	62.5	58.6	10.8	29.1	0.0	5/4
T197	Trio	62.3	57.7	11.0	29.9	0.0	5/6 *
T136	Trio	61.6	58.2	11.0	28.0	0.0	4/30
Santa Fe	WestBred	60.5	57.9	11.0	29.5	0.0	5/1
T81	Trio	60.3	59.8 *	10.9	29.4	0.0	5/5
Mace	Nebraska	59.8	58.1	10.7	27.8	0.0	5/8 ***
Jagger	KSU	59.1	58.4	11.1	29.5	0.0	5/1
Doans	AgriPro	59.1	59.8 *	11.5	29.8	0.0	5/4
Pete	OSU	58.5	56.9	11.1	29.9	0.0	5/1
Bullet	OSU	57.2	59.6 *	11.0	29.8	0.0	5/6 *
Dumas	AgriPro	56.7	58.2	11.4	28.8	0.0	5/6 *
OK05526	OSU	55.9	58.4	10.9	30.0 *	0.0	5/4
Art	AgriPro	55.5	58.0	11.4	28.7	0.0	5/5
TAM W-101	Texas AgriLife	55.2	57.8	10.8	27.5	0.0	5/3
CJ	AgriPro	53.6	60.0 *	11.1	31.6 ***	0.0	4/30
Jackpot	AgriPro	52.1	58.1	11.0	29.6	0.0	4/29
TAM 401	Texas AgriLife	51.5	54.3	10.1	30.0 *	0.0	5/3
Shocker	WestBred	48.8	55.6	10.1	30.7 *	0.0	5/2
Fannin	AgriPro	48.3	58.1	12.4 ***	30.3 *	0.0	5/6 *
Trial Mean		63.0	58.3	11.1	29.5	0.0	4-May
LSD (P> 0.05)		5.5	1.8	0.6	1.7		2.3
CV		5.42	1.89	3.43	3.61		1.10
F Test		<.0001	<.0001	<.0001	<.0001		<.0001

<sup>1</sup>Yields adjusted to 60 lb standard bushel weight and 13.5 % moisture.

\*\*\* Highest numerical value in the column.

\* Not significantly different from the highest numerical value in the column based on the 5% LSD.

**Dryland Wheat Variety Trial, NMSU Agricultural Science Center at Clovis, 2010**

**Investigators:** R.E. Kirksey, M.A. Marsalis, A. Scott, and B. Niece

**Test Description**

<b>Location:</b>	<b>Management Practices:</b>	<b>Growing Conditions:</b>																																																														
County/Area: Curry Longitude: -103.22 Latitude: 34.60 Elevation: 4435 ft. Soil Name: Olton Soil Texture: clay loam Soil Depth: >60 in.	Previous Crop: fallow Planting Date: 7-Oct Harvest Date: 23-Jun  <b>Production Inputs</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Rate</th> <th style="text-align: center;">Date</th> </tr> </thead> <tbody> <tr> <td colspan="3"><b>Fertilizer:</b></td> </tr> <tr> <td>N</td> <td>48 lb/ac</td> <td>carryover</td> </tr> <tr> <td>N</td> <td>9 lb/ac</td> <td>6-Mar</td> </tr> <tr> <td>P</td> <td>30 lb/ac</td> <td>6-Mar</td> </tr> <tr> <td>Zn</td> <td>2 qt/ac</td> <td>6-Mar</td> </tr> </tbody> </table> Herbicides: Weedone LV6 10 oz/ac 4-Mar Affinity BS 0.6 oz/ac 4-Mar Insecticides: Lorsban 1 pt/ac 4-Mar		Rate	Date	<b>Fertilizer:</b>			N	48 lb/ac	carryover	N	9 lb/ac	6-Mar	P	30 lb/ac	6-Mar	Zn	2 qt/ac	6-Mar	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Average Temp. °F</th> <th style="text-align: center;">Precip. in.</th> <th style="text-align: center;">Irrigation in.</th> </tr> </thead> <tbody> <tr><td>October</td><td style="text-align: center;">52.4</td><td style="text-align: center;">2.38</td><td style="text-align: center;">-</td></tr> <tr><td>November</td><td style="text-align: center;">46.2</td><td style="text-align: center;">0.17</td><td style="text-align: center;">-</td></tr> <tr><td>December</td><td style="text-align: center;">33.1</td><td style="text-align: center;">0.18</td><td style="text-align: center;">-</td></tr> <tr><td>January</td><td style="text-align: center;">36.6</td><td style="text-align: center;">1.12</td><td style="text-align: center;">-</td></tr> <tr><td>February</td><td style="text-align: center;">34.9</td><td style="text-align: center;">1.10</td><td style="text-align: center;">-</td></tr> <tr><td>March</td><td style="text-align: center;">46.1</td><td style="text-align: center;">1.75</td><td style="text-align: center;">-</td></tr> <tr><td>April</td><td style="text-align: center;">56.3</td><td style="text-align: center;">1.56</td><td style="text-align: center;">-</td></tr> <tr><td>May</td><td style="text-align: center;">63.0</td><td style="text-align: center;">2.34</td><td style="text-align: center;">-</td></tr> <tr><td>June</td><td style="text-align: center;">77.8</td><td style="text-align: center;">2.51</td><td style="text-align: center;">-</td></tr> <tr> <td>Seasonal Precipitation</td> <td></td> <td style="text-align: center;">13.11 in.</td> <td></td> </tr> </tbody> </table>		Average Temp. °F	Precip. in.	Irrigation in.	October	52.4	2.38	-	November	46.2	0.17	-	December	33.1	0.18	-	January	36.6	1.12	-	February	34.9	1.10	-	March	46.1	1.75	-	April	56.3	1.56	-	May	63.0	2.34	-	June	77.8	2.51	-	Seasonal Precipitation		13.11 in.	
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<b>Test Design:</b> Replications: 3 Planted Plot Length: 19 ft. Harvested Plot Length: 15.6 ft. Plot Width: 75 in. Rows per Plot: 11 Drill Row Spacing: 5.5 in. Seeding Rate: 35 lb/ac																																																																