

**Dryland Wheat Variety Trial, NMSU Agricultural Science Center at Clovis, 2017**

Variety Name	Owner	Grain Yield <sup>1</sup> bu/a	Bushel Weight lb/bu	Harvest Moisture %	Plant Height in	Lodging <sup>2</sup> %	Head Date date
Long Branch	Dyna-Gro	34.4 ***	59.9	6.0	24.0 *	0	4/16
PlainsGold Avery	CSU	33.8 *	60.1	5.9	22.5	0	4/25
PlainsGold Byrd	CSU	33.8 *	59.6	6.0	23.4 *	0	4/15
PlainsGold Denali	CSU	33.6 *	61.2 *	6.3 *	23.5 *	0	4/11
LCS Mint	Limagrains	32.8 *	61.2 *	6.6 ***	25.2 ***	0	4/22
TAM 111	TAMU	32.0 *	60.9 *	6.1	24.1 *	0	4/19
TAM 113	TAMU	31.6 *	62.1 *	6.4 *	22.0	0	5/2 ***
WB 4721	Westbred	31.3 *	61.0 *	6.0	22.6	0	4/23
KanMark	KSU	31.3 *	62.2 *	6.1	20.8	0	4/22
CPLN 69-16	Croplan	30.8 *	60.0	6.2 *	22.0	0	4/17
SY Grit	Syngenta	30.0	60.5	6.0	23.4 *	0	4/15
Zenda	KSU	30.0	59.2	5.7	21.4	0	4/25 *
SY Flint	Syngenta	29.6	60.1	5.9	23.9 *	0	4/26 *
Tatanka	KSU	29.5	60.1	6.0	23.9 *	0	4/12
T158	Limagrains	29.3	61.8 *	6.1	22.7	0	4/22
TAM 114-Untreated	TAMU	29.0	62.4 ***	6.3 *	22.0	0	5/1 *
TAM 114	TAMU	28.9	61.3 *	6.4 *	24.9 *	0	4/20
WB Grainfield	Westbred	28.9	61.8 *	6.4 *	24.4 *	0	4/13
SY Rugged	Syngenta	28.7	60.0	6.1	22.0	0	4/24
Iba	OSU	28.7	62.0 *	6.3 *	23.3 *	0	4/22
SY Drifter	Syngenta	28.4	61.4 *	6.1	23.2 *	0	4/13
TAM 304	TAMU	28.3	59.4	5.8	22.8 *	0	4/14
Underwood	Dyna-Gro	28.0	59.1	5.7	23.5 *	0	3/13
Joe	KSU	27.5	60.5	6.2	23.9 *	0	4/19
TAM W-101	TAMU	27.4	60.3	5.9	22.8 *	0	4/21
TX11A001295	TAMU	26.9	62.1 *	6.3 *	23.2 *	0	4/29 *
Gallagher	OSU	26.9	61.1 *	6.3 *	23.6 *	0	4/19
Bentley	OSU	26.5	59.0	5.7	24.5 *	0	5/2 *
TAM 112	TAMU	26.4	60.9 *	6.1	24.0 *	0	4/15
Larry	KSU	26.1	59.4	5.8	21.9	0	4/20
Greer	Syngenta	26.0	58.3	5.5	23.9 *	0	4/17
SY Monument	Syngenta	25.5	59.7	5.9	22.8 *	0	4/24
Winterhawk	Westbred	25.1	62.3 *	6.1	23.2 *	0	4/25
TAM 305	TAMU	25.0	60.3	6.2	21.1	0	4/25
LCS Chrome	Limagrains	24.7	59.4	5.8	23.2 *	0	4/16
WB 4458	Westbred	24.3	59.4	5.7	24.7 *	0	4/27 *
TAM 204	TAMU	22.4	55.4	5.6	22.3	0	4/19
TX12M4068	TAMU	21.0	59.3	5.7	23.9 *	0	4/16
SY Southwind	Syngenta	20.7	58.7	5.7	21.6	0	4/11
TAM 401	TAMU	20.3	57.3	5.6	23.9 *	0	4/26 *
Trial Mean		28.1	60.3	6.0	23.2	0.0	4/20
LSD (P> 0.05)		3.9	1.6	0.4	2.5	0.0	6.50
CV		8.6	1.6	3.6	6.7	-	3.58
F Test		<.0001	<.0001	<.0001	0.1	ns	<.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.

<sup>2</sup> No lodging reported

**Dryland Wheat Variety Trial, NMSU Agricultural Science Center at Clovis, 2017**

**Investigators:** A. Scott, B. Niece and A. Mesbah

**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: 11-Oct Harvest Date: 14-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 style="padding-left: 20px;">N</td> <td style="text-align: center;">36 lb/ac</td> <td style="text-align: center;">carryover</td> </tr> <tr> <td style="padding-left: 20px;">N</td> <td style="text-align: center;">30 lb/ac</td> <td style="text-align: center;">9-Mar</td> </tr> <tr> <td style="padding-left: 20px;">S</td> <td style="text-align: center;">5.5 lb/ac</td> <td style="text-align: center;">9-Mar</td> </tr> <tr> <td colspan="3"><b>Herbicides:</b></td> </tr> <tr> <td style="padding-left: 20px;">Affinity BS</td> <td style="text-align: center;">0.6 oz/ac</td> <td style="text-align: center;">9-Mar</td> </tr> <tr> <td style="padding-left: 20px;">LV 6</td> <td style="text-align: center;">12 oz/ac</td> <td style="text-align: center;">9-Mar</td> </tr> <tr> <td style="padding-left: 20px;">Govern</td> <td style="text-align: center;">1 pt/ac</td> <td style="text-align: center;">9-Mar</td> </tr> <tr> <td colspan="3"><b>Insecticides:</b></td> </tr> </tbody> </table>		Rate	Date	<b>Fertilizer:</b>			N	36 lb/ac	carryover	N	30 lb/ac	9-Mar	S	5.5 lb/ac	9-Mar	<b>Herbicides:</b>			Affinity BS	0.6 oz/ac	9-Mar	LV 6	12 oz/ac	9-Mar	Govern	1 pt/ac	9-Mar	<b>Insecticides:</b>			<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;">61.5</td><td style="text-align: center;">0.0</td><td style="text-align: center;">-</td></tr> <tr><td>November</td><td style="text-align: center;">49.5</td><td style="text-align: center;">1.0</td><td style="text-align: center;">-</td></tr> <tr><td>December</td><td style="text-align: center;">35.5</td><td style="text-align: center;">0.2</td><td style="text-align: center;">-</td></tr> <tr><td>January</td><td style="text-align: center;">36.5</td><td style="text-align: center;">1.1</td><td style="text-align: center;">-</td></tr> <tr><td>February</td><td style="text-align: center;">45.8</td><td style="text-align: center;">0.4</td><td style="text-align: center;">-</td></tr> <tr><td>March</td><td style="text-align: center;">51.7</td><td style="text-align: center;">0.9</td><td style="text-align: center;">-</td></tr> <tr><td>April</td><td style="text-align: center;">55.5</td><td style="text-align: center;">0.5</td><td style="text-align: center;">-</td></tr> <tr><td>May</td><td style="text-align: center;">65.9</td><td style="text-align: center;">2.1</td><td style="text-align: center;">-</td></tr> <tr><td>June</td><td style="text-align: center;">74.1</td><td style="text-align: center;">1.0</td><td style="text-align: center;">-</td></tr> <tr><td>July 1-14</td><td style="text-align: center;">72.0</td><td style="text-align: center;">0.6</td><td style="text-align: center;">-</td></tr> <tr> <td style="padding-left: 20px;">Seasonal Precipitation</td> <td></td> <td style="text-align: center;">7.7 in.</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">Total Irrigation</td> <td></td> <td style="text-align: center;">-</td> <td style="text-align: center;">in.</td> </tr> </tbody> </table>		Average Temp. °F	Precip. in.	Irrigation in.	October	61.5	0.0	-	November	49.5	1.0	-	December	35.5	0.2	-	January	36.5	1.1	-	February	45.8	0.4	-	March	51.7	0.9	-	April	55.5	0.5	-	May	65.9	2.1	-	June	74.1	1.0	-	July 1-14	72.0	0.6	-	Seasonal Precipitation		7.7 in.		Total Irrigation		-	in.
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<b>Test Design:</b> Replications: 3 Planted Plot Length: 30 ft. Harvested Plot Length: 30 ft. Plot Width: 75 in. Rows per Plot: 11 Drill Row Spacing: 6.25 in. Seeding Rate: 30 lb/ac																																																																																				