

2017 WSU Variety Testing Clearfield Trial, Dayton

Variety Name	2017					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>								
LCS Artdeco	<b>140</b>	63.4	9.3	40	0	126	114	105
Bobtail	<b>139</b>	60.4	9.3	41	0	129	110	101
Norwest Tandem (LOR-334)	<b>136</b>	63.0	10.3	37	0			
Resilience CL+ (WA 8187)	<b>135</b>	63.0	10.1	41	0	121	104	
UI Magic CL+ / WB1376CLP	<b>134</b>	64.6	11.3	43	0			
UI Magic CL+ / UI Castle CL+	<b>133</b>	63.4	11.0	43	0			
UI Magic CL+	<b>133</b>	63.9	10.5	39	0	116		
SY Ovation	131	63.4	10.4	41	0	119	107	103
WB1376CLP	123	<b>65.1</b>	11.6	43	0	111		
ORCF-101	121	62.5	10.7	41	0			
UI Castle CL+	120	62.8	10.7	43	8	111		
ORCF-102	119	62.6	10.4	43	0	113	100	
UI Palouse CL+	116	62.6	10.8	43	0	108		
ORCF-103	114	61.2	9.9	41	0			
Mela CL+	110	61.4	10.1	49	58	104	94	101
Curiosity CL+	103	60.9	10.4	47	58	102	90	
<b>EXPERIMENTAL LINES</b>								
WA 8275 CL+	<b>143</b>	62.4	10.6	41	0			
KXB-01	<b>133</b>	61.7	10.4	44	0	124		
WA 8274 CL+	129	61.4	11.1	41	0			
ORI2150033 CL+	126	62.4	10.9	44	0			
ORI2150031 CL+	126	62.3	10.3	43	0			
ORI2150061 CL+	106	64.1	12.0	40	0			
XA1401 CL+	67	63.4	12.8	42	0			
XA1101 CL+	61	63.8	11.5	43	0			
<b>C.V. %</b>	6	0	4	3	--	6	6	6
<b>LSD (0.05)</b>	10	0.3	0.6	2	7	6	5	4
<b>Average</b>	121	62.7	10.7	42	5	115	102	100
<b>Highest</b>	143	65.1	12.8	49	58	129	114	105
<b>Lowest</b>	61	60.4	9.3	37	0	102	90	93

**Agronomic Information**

Planting Date:	9/28/2016
Harvest Date:	8/1/2017
Seeding Rate (seeds/ft <sup>2</sup> ):	21
Previous Crop:	Chickpeas
Spring soil test:	
N (lb/ac) 4-ft sample	253
P (ppm-bicarb) 2-ft sample	88
S (lb/ac) 2-ft sample	49
pH (top 6 inches)	6.1

**Trial Notes:**

1. The Dayton nursery was located about 6 miles northwest of Dayton, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. The Clearfield trial is new this year and is a cooperation with Oregon State University and Northwest Grain Growers. This location contains a unique set of entries.
3. Note that this trial was not sprayed with Beyond.
4. Long-term averages consist of results from this Clearfield trial and previous WSU Variety Testing SWW Dayton trials.

Herbicide:

**Cooperator:** J. Penner

Herbicide and fungicide applied by cooperator; second fungicide application applied by cooperator