

2016 WSU Variety Testing Hard Winter Wheat Trial, Dayton

Variety Name <i>Hard White Italicized</i>	2016					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
<b>RELEASED VARIETIES</b>								
Keldin	<b>124</b>	62.3	11.8	38	139	108	86	
Norwest 553	<b>118</b>	<b>63.1</b>	12.1	34	139	92	78	103
LCS Colonia	<b>115</b>	60.4	11.6	37	145	93	82	
LCS Azimut	<b>115</b>	58.6	11.3	31	137	95	78	96
LCS Jet	<b>114</b>	62.2	11.9	36	137	105	88	
Rimrock	111	62.0	11.5	38	139	98	81	
WB-Arrowhead	111	62.5	12.1	40	138	100	82	
SY Touchstone	106	62.4	12.1	36	141			
Whetstone	102	<b>62.7</b>	12.1	37	140	93	73	
SY Clearstone CL2	93	61.9	12.6	43	141			
<b>EXPERIMENTAL LINES</b>								
WA 8248	<b>117</b>	<b>62.7</b>	<b>13.0</b>	37	139			
OR2120276H	111	62.6	11.7	37	138			
IDO1101	111	<b>63.5</b>	11.9	33	139	100	85	
WA 8231	109	60.9	11.6	37	145	99		
NSA10-2196	108	61.7	11.4	34	137	95		
OR2120012R	106	61.2	12.2	39	139			
OR2110664	103	61.9	12.1	37	142			
WA 8249	102	62.0	<b>12.8</b>	37	138			
C.V. %	7	1	3	3	1	8	8	9
LSD (0.05)	11	0.8	0.3	1	1	9	7	6
Average	110	61.9	12.0	37	140	98	82	99
Highest	124	63.5	13.0	43	145	108	88	103
Lowest	93	58.6	11.3	31	137	92	73	96

**Agronomic Information**

Planting Date: 9/28/2015  
 Harvest Date: 8/23/2016  
 Seeding Rate (lbs/acre): 85  
 Previous Crop: Chickpeas  
 Spring soil test:  
     N (lb/ac) 4-ft sample 161  
     P (ppm-bicarb) 2-ft sample 51  
     S (lb/ac) 2-ft sample 38  
     pH (top 6 inches) 4.85

**Trial Notes:**

1. The Dayton nursery was located about 6 miles northwest of Dayton, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
2. Two fungicide applications kept stripe rust under control.
3. An extra 70#N was applied to the hard trial in the spring.

**Cooperator:** J. Penner

Herbicide:  
 Herbicide and fungicide were applied by the cooperator. A second application of fungicide was also applied by the cooperator.