

**2018 WSU Variety Testing Hard Winter Wheat Trial, Pullman**

Variety Name	2018						2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Lodging (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Released Varieties</i>									
LCS Rocket (NSA10-2196)	179	60.0	10.8	36	148	0	154	151	
Keldin	171	<b>63.8</b>	11.0	41	147	0	146	142	139
WB4303	171	61.8	11.2	38	147	0			
LCS Jet	170	62.3	11.7	38	148	0	145	144	141
SY Touchstone	167	<b>63.2</b>	11.6	36	149	0	138	133	
LCS Abraham	162	61.0	10.6	35	148	0			
WB4311	154	<b>63.1</b>	11.9	38	147	0	132		
SY Clearstone CL2	154	61.0	11.1	45	150	17	131	121	
Whetstone	152	<b>64.0</b>	12.3	41	148	0	126	123	122
Mandala	149	<b>63.5</b>	12.3	45	151	0	127		
WB4623CLP	132	<b>63.2</b>	12.9	42	155	0	120		
<i>Experimental Lines</i>									
NSA12-2472	<b>190</b>	60.4	10.8	42	148	0			
XB4542	<b>184</b>	59.9	11.2	49	151	0			
WA 8288	169	57.2	11.1	38	150	0			
LWW14-73915	166	60.4	11.2	41	147	0	138		
WA 8289	166	60.2	10.3	36	149	0			
OR2130021R	154	61.4	12.2	39	150	0			
WA 8268	151	57.1	11.9	36	150	0	133		
<b>C.V. %</b>	5	1.1	2.0	3	1	735	5	5	7
<b>LSD (0.05)</b>	13	0.9	0.3	1	3	9	7	6	6
<b>Average</b>	163	61.3	11.5	40	149	1	135	136	134
<b>Highest</b>	190	64.0	12.9	49	155	17	154	151	141
<b>Lowest</b>	132	57.1	10.3	35	147	0	120	121	122

**Agronomic Information**

Planting Date:	10/5/2017
Harvest Date:	8/3/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	24
Previous Crop:	Chickpeas
Spring soil test:	
N (lb/ac) 4-ft sample	223
P (ppm-bicarb) 2-ft sample	102
S (lb/ac) 2-ft sample	48
pH (top 6 inches)	5.46
Herbicide:	
Herbicides and fungicides applied by grower	

**Trial Notes:**

1. The Pullman nursery was located about 5 miles southeast of Pullman, WA.
2. An additional 128N was applied in the spring after soil sampling.
3. Overall yield was 46% more than 2017 and grain test weight was 1.6 lb/bu less than last year.

**Cooperator Roy & Kurt Druffel**