

2019 WSU Variety Testing Spring Barley Trial, Walla Walla

Variety Name <i>Hulless Italicized</i>	2019						2 Year	3 Year	5 Year	
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Plump (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)	
<b>Released Varieties</b>										
Lyon	5370	55.3	13.0	163	26	99	5630	5640	4950	
LCS Opera	5210	55.1	11.7	167	23	98	5700			
Champion	5140	56.4	12.3	163	28	98	5560	5490	4760	
LCS Odyssey	5000	55.0	12.5	166	23	99	5200	5940	5140	
LCS Genie	4900	55.3	11.9	166	22	98	5220	5720	4940	
LCS Vespa	4850	54.8	12.9	165	25	98	5390	5930	5280	
Survivor	4830	55.9	12.9	163	27	98	4910	5290		
Claymore	4820	54.8	12.3	166	27	99	5190	5820		
Muir	4790	55.8	12.6	164	26	98	5270	5540	4760	
Lenetah	4700	56.0	12.4	166	26	98	5210	5740	5060	
Oreana	4690	56.0	12.1	168	23	98	5200	5640		
Altorado	4660	55.7	12.9	164	26	97	5220	5730		
Palmer (11WA-107.43)	4630	55.4	13.2	165	29	98	5190	5550		
CDC Copeland	4460	53.9	12.4	168	28	98	4870	5240	4430	
<i>Meg's Song</i>	4020	64.2	15.4	167	26	96	4400	4830	4050	
AAC Connect	3980	55.1	13.2	165	26	98				
Havener	3880	64.8	14.0	167	27	95	4370	4630	3990	
<b>Experimental Lines</b>										
13WAM-136.1	5060	55.0	13.1	166	28	99				
13WAM-149.6	4990	54.9	11.5	169	22	98				
12WA-120.14	4760	54.6	13.8	165	28	98	4950	5080		
BZ 512-319	4700	54.9	12.3	162	25	98	4950			
13WAM-140.2	4520	56.3	12.6	166	25	98				
13WAM-135.3	4410	55.5	13.7	166	28	98				
12WAN-106.12	3910	63.7	14.4	165	26	91				
	<b>C.V. %</b>	6	0.5	2.6	1	4	1	5	6	8
	<b>LSD (0.05)</b>	380	0.4	0.5	2	1	1	240	260	230
	<b>Average</b>	4680	56.4	12.9	166	26	98	5140	5490	4740
	<b>Highest</b>	5370	64.8	15.4	169	29	99	5700	5940	5280
	<b>Lowest</b>	3880	53.9	11.5	162	22	91	4370	4630	3990

**Agronomic Information**

Planting Date:  
 Harvest Date:  
 Seeding Rate (seeds/ft<sup>2</sup>):  
 Previous Crop:  
 Spring soil test:  
     N (lb/ac) 4-ft sample  
     P (ppm-bicarb) 2-ft sample  
     S (lb/ac) 2-ft sample  
     pH (top 6 inches)

Herbicide:

**Trial Notes:**

3. Overall yield was 16% less than 2018 and grain test weight was 2.3 lb/bu more than last year.

**Cooperator**

\* 3-year average from 2019, 2018, 2016  
 \* 5-year average from 2019, 2018, 2016, 2015, 2014