

2018 WSU Variety Testing Spring Barley Trial, Pullman

Variety Name <i>Hulless Italicized</i>	2018						2 Year	3 Year	5 Year*
	Yield (Lbs/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Plump (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
Altorado	4820	51.2	8.9	24	177	75	5860	5790	
LCS Odyssey	4560	50.0	8.8	22	178	89	4550	4930	4880
LCS Opera	4530	50.4	8.5	21	177	83			
Muir	4430	51.9	8.6	26	176	84	5100	5240	5000
Claymore	4380	50.7	9.0	27	177	75	4640	4970	
LCS Sienna	4350	52.1	8.6	24	178	92			
Lenetah	4170	53.7	8.6	22	177	81	5670	5730	5180
Champion	4120	53.2	8.9	28	176	70	4170	4710	4790
LCS Vespa	4120	49.0	9.3	23	177	75	5040	5140	5090
Lyon	4090	50.6	9.2	23	177	84	4850	5040	4810
Oreana	3940	49.0	9.3	19	177	77	4980	5140	
Survivor	3840	50.9	9.0	24	177	87	4930	5160	
LCS Genie	3780	50.4	8.4	23	177	86	4800	4960	4880
CDC Copeland	3500	47.9	9.8	26	178	73	3490	4100	4120
<i>Meg's Song (X05013-T1)</i>	3340	54.1	10.9	23	178	59			
<i>Havener</i>	3240	55.5	9.4	23	176	41	3970	4180	4030
Experimental Lines									
11WA-107.36	4550	52.3	8.4	25	176	87	5570		
11WA-107.58	4130	53.4	8.6	27	176	96	5490	5530	
12WA-120.23	4110	51.4	9.0	27	177	87	4250		
11WA-107.43	4030	53.4	8.8	26	177	86	5210	5130	
12WA-120.14	3990	50.9	8.9	28	177	88	4720	4870	
13WA-101.2	3840	49.7	9.3	23	177	77			
BZ 512-319	3690	48.2	8.5	27	177	83			
13WA-149.2	3570	51.1	8.8	24	177	88			
C.V. %	14	2.7	6.2	9	0	13	16	13	11
LSD (0.05)	780	1.9	0.8	3	1	14	700	500	330
Average	4050	51.3	9.0	24	177	80	4850	5040	4750
Highest	4820	55.5	10.9	28	178	96	5860	5790	5180
Lowest	3240	47.9	8.4	19	176	41	3490	4100	4030

Agronomic Information

Planting Date:	4/27/2018
Harvest Date:	8/23/2018
Seeding Rate (seeds/ft ²):	23
Previous Crop:	Winter Wheat
Spring soil test: (NOTE: PULLED AFTER APPLICATION)	
N (lb/ac) 4-ft sample	200
P (ppm-bicarb) 2-ft sample	101
S (lb/ac) 2-ft sample	72
pH (top 6 inches)	5.5

Trial Notes:

1. The Pullman nursery was located about 3 miles east of Pullman, WA.
2. The nursery was seeded with a double disk drill. Base fertilizer was 180N 20P 20S applied prior to seeding
3. Overall yield was 26% less than 2017, and grain test weight was 1.6 lb/bu more than last year.

Cooperator: Spillman Agronomy Farm

* 5-year average from 2018, 2017, 2016, 2015, 2013