

2018 WSU Variety Testing Spring Barley Trial, Farmington

Variety Name	2018						2 Year	3 Year	5 Year
	Yield	Test WT	Protein	Plant HT	Head	Plump	Average	Average	Average
<i>Hulless Italicized</i>	(Lbs/A)	(Lbs/Bu)	(%)	(In)	Date	(%)	(Bu/A)	(Bu/A)	(Bu/A)
<b>Released Varieties</b>									
LCS Opera	7110	49.9	9.5	29	179	96			
Lyon	6850	51.6	10.6	34	175	94	5400	5510	5470
LCS Genie	6590	52.1	10.6	32	179	96	5040	5280	5100
Oreana	6580	51.7	9.9	29	179	93	5040	5160	
Muir	6570	51.6	10.4	36	177	94	5140	5250	5250
Lenetah	6540	52.5	10.6	36	176	97	4970	5160	5310
LCS Sienna	6530	50.9	10.0	33	182	96			
Altorado	6510	51.1	10.3	34	178	89	5130	5260	
LCS Odyssey	6460	50.2	10.0	30	180	97	4990	5410	5320
Claymore	6320	50.3	9.6	37	178	86	5140	5470	
Champion	5910	53.0	9.7	36	176	91	4910	5200	5220
CDC Copeland	5860	50.4	10.5	40	181	95	4400	4870	4840
Havener	5820	57.7	11.2	37	178	72	4590	4650	4350
Survivor	5650	52.7	11.1	37	176	97	4780	4990	
LCS Vespa	5610	50.4	11.1	29	181	94	4580	5000	5040
Meg's Song (X05013-T1)	5450	56.3	12.9	38	178	87			
<b>Experimental Lines</b>									
12WA-120.14	6560	50.8	11.8	38	176	96	5030	5140	
13WA-149.2	6290	52.0	10.6	37	178	98			
12WA-120.23	6210	50.8	11.3	36	178	97	4960		
11WA-107.58	6160	53.3	11.0	36	177	97	5040	5200	
BZ 512-319	6130	48.3	10.2	38	178	89			
13WA-101.2	6130	51.3	11.0	37	177	97			
11WA-107.43	5980	52.3	10.8	35	177	96	4970	5150	
11WA-107.36	5870	51.8	10.0	34	176	94	5020		
C.V. %	6.1	1.1	5.3	5	1	3	7	7	7
LSD (0.05)	530	0.8	0.8	3	2	4	320	290	230
Average	6240	51.8	10.6	35	178	93	4950	5170	5100
Highest	7110	57.7	12.9	40	182	98	5400	5510	5470
Lowest	5450	48.3	9.5	29	175	72	4400	4650	4350

**Agronomic Information**

Planting Date:	4/30/2018
Harvest Date:	8/30/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	23
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	53
P (ppm-bicarb) 2-ft sample	86
S (lb/ac) 2-ft sample	26
pH (top 6 inches)	5.4

**Trial Notes:**

1. The Farmington nursery was located about 5 miles south of Farmington, WA.
2. The nursery was fertilized at 100N 20S.
3. Overall yield was 70% more than 2017, and grain test weight was 0.4 lb/bu less than last year.

**Cooperator: B. Nelson**

Herbicide:

Huskie, Tilt on 05/31/18