

2018 WSU Variety Testing Spring Barley Trial, Almira

Variety Name	2018					2 Year	3 Year	5 Year
	Yield (Lbs/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Plump (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
<i>Hulless Italicized</i>								
<b>Released Varieties</b>								
Oreana	4490	49.4	12.1	26	75	3280	3620	--
Altorado	4440	47.6	12.1	29	62	3890	3970	--
LCS Opera	4380	44.2	11.4	26	67			--
LCS Sienna	4350	49.6	11.4	25	86			--
LCS Vespa	4230	49.2	11.6	26	82	3260	3550	--
Lenetah	4220	51.0	11.7	31	83	3350	3600	--
LCS Odyssey	4190	48.7	11.8	24	88	3420	3770	--
Muir	4060	46.6	12.5	28	68	3510	3800	--
LCS Genie	4000	49.3	12.0	26	77	3070	3550	--
Claymore	3880	47.5	12.3	33	63	2940	3430	--
Survivor	3880	50.3	13.0	30	85	3460	3600	--
Lyon	3870	49.6	12.8	27	77	3210	3440	--
Champion	3830	<b>52.3</b>	11.5	29	80	3230	3470	--
Havener	3590	<b>53.0</b>	13.4	31	44	3280	3220	--
Meg's Song (X05013-T1)	3530	51.2	13.7	30	63			--
CDC Copeland	3440	44.9	13.0	34	60	2470	2880	--
<b>Experimental Lines</b>								
11WA-107.58	4480	<b>53.3</b>	12.2	29	93	3510	3660	--
11WA-107.43	4040	<b>52.5</b>	11.5	31	94	3430	3480	--
13WA-149.2	4000	49.0	12.4	29	83			--
13WA-101.2	3940	48.6	12.3	30	81			--
11WA-107.36	3900	49.9	12.2	31	72	3120		--
12WA-120.23	3820	48.6	12.6	34	77	3190		--
BZ 512-319	3780	45.6	13.0	35	63			--
12WA-120.14	3720	48.8	12.9	32	79	3120	3180	--
<b>C.V. %</b>	9	2.2	5.0	8	9	10	9	--
<b>LSD (0.05)</b>	520	1.5	0.8	3	9	380	270	--
<b>Average</b>	4000	49.2	12.3	29	75	3260	3510	--
<b>Highest</b>	4490	53.3	13.7	35	94	3890	3970	--
<b>Lowest</b>	3440	44.2	11.4	24	44	2470	2880	--

**Agronomic Information**

Planting Date:	4/27/2018
Harvest Date:	9/4/2018
Seeding Rate (seeds/ft <sup>2</sup> ):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	127
P (ppm-bicarb) 2-ft sample	52
S (lb/ac) 2-ft sample	25
pH (top 6 inches)	5.1

**Trial Notes:**

1. The Almira nursery was located about 10 miles North of Almira, WA.
2. The nursery was fertilizer prior to seeding with 70N.
3. Overall yield was 58% more than 2017, and grain test weight was 0.3 lb/bu less than last year

**Cooperator: D. McKay**

Herbicide:

Huskie, Axial XL, Tilt on 06/07/18