

2017 WSU Variety Testing Spring Barley, Almira

Variety Name <i>Hulless Italicized</i>	2017					2 Year	3 Year*	5 Year*
	YIELD (LBS/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLUMP (%)	PLANT HT	AVERAGE (LBS/A)	AVERAGE (LBS/A)	AVERAGE (LBS/A)
<b>RELEASED VARIETIES</b>								
Altorado (BZ509-601)	<b>3338</b>	49.1	9.2	33	26	3735	--	--
Survivor (07MWA-203)	<b>3032</b>	51.6	9.7	74	29	3461	--	--
<i>Havener</i>	<b>2981</b>	<b>62.4</b>	7.3	24	28	3033	--	--
Muir	<b>2961</b>	48.4	10.2	58	30	3665	--	--
LCS Odyssey	2643	47.9	11.0	81	27	3558	--	--
Champion	2635	50.0	10.0	41	29	3290	--	--
AAC Synergy	2537	49.0	9.0	75	28		--	--
Lyon	2537	48.5	10.6	53	28	3225	--	--
Lenetah	2477	51.3	8.8	68	28	3290	--	--
Explorer	2368	47.8	9.8	59	23		--	--
LCS Vespa	2298	47.0	11.7	43	25	3215	--	--
LCS Genie	2135	48.8	9.9	69	25	3318	--	--
Oreana	2074	48.0	11.8	51	25	3191	--	--
Claymore	2006	45.7	12.4	37	28	3207	--	--
CDC Copeland	1497	45.8	13.0	53	27	2599	--	--
<b>EXPERIMENTAL LINES</b>								
10WA-106.18	<b>3146</b>	51.8	8.6	60	30	3541	--	--
11WA-107.43	<b>2820</b>	50.8	9.3	61	29	3207	--	--
12WA-120.8	2703	48.8	10.2	68	31		--	--
10WA-106.20	2556	48.0	9.9	53	30	3130	--	--
12WA-120.23	2547	48.5	10.1	59	30		--	--
11WA-107.58	2529	50.6	11.1	60	28	3252	--	--
12WA-120.14	2515	46.5	12.6	63	31	2912	--	--
11WA-107.36	2341	47.8	10.3	38	26		--	--
10WA-107.8	2240	54.4	9.7	44	26		--	--
<b>C.V. %</b>	12	4	19	23	6	9	--	--
<b>LSD (0.05)</b>	521	3.8	3.4	22	3	360	--	--
<b>Average</b>	2538	49.5	10.2	55	28	3268	--	--
<b>Highest</b>	3338	62.4	13.0	81	31	3735	--	--
<b>Lowest</b>	1497	45.7	7.3	24	23	2599	--	--

**Agronomic Information**

Planting Date: 5/8/2017  
 Harvest Date: 9/12/2017  
 Seeding Rate (seeds/ft<sup>2</sup>): 20  
 Previous Crop: Winter Wheat  
 Spring soil test:  
     N (lb/ac) 4-ft sample 41  
     P (ppm-bicarb) 2-ft sample 58  
     S (lb/ac) 2-ft sample 25  
     pH (top six inches) 5.71  
 Herbicide:  
 Huskie & Tilt applied on, 6/20.

**Trial Notes:**

1. The Almira nursery was located about 11 miles north of Almira, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Base fertilizer (applied after soil test) was 80#N and 15#S.
3. This location had higher than normal variation for yield across replications. The third rep was not included in analysis and data presented are only from two reps. Also note the high variation in percent plump and protein.

**Cooperator:** M. Sorensen

\* No long-term averages because the 2015 & 2014 trials were not published.