

2017 WSU Variety Testing Spring Barley, Palouse

Variety Name <i>Hullless Italicized</i>	2017				2 Year	3 Year	5 Year
	YIELD (LBS/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLUMP (%)	AVERAGE (LBS/A)	AVERAGE (LBS/A)	AVERAGE (LBS/A)
RELEASED VARIETIES							
Champion	5599	55.4	8.8	92	5997	--	--
Altorado (BZ509-601)	5493	56.0	8.2	86	5668	--	--
AAC Synergy	5416	52.8	9.0	98		--	--
LCS Vespa	5229	54.4	8.6	95	5946	--	--
LCS Odyssey	5120	53.8	8.4	96	4996	--	--
Muir	5005	54.4	8.3	94	5415	--	--
Lyon	4929	54.0	8.4	94	5351	--	--
Survivor (07MWA-203)	4890	55.8	8.5	98	4936	--	--
Lenetah	4806	55.2	8.1	97	5743	--	--
Explorer	4797	54.2	8.3	96		--	--
Claymore	4762	54.0	8.0	92	5892	--	--
LCS Genie	4738	54.4	8.8	94	5913	--	--
Oreana	4701	54.4	8.3	92	6055	--	--
CDC Copeland	4317	52.5	8.5	95	5290	--	--
<i>Havener</i>	4191	64.1	9.1	53	4686	--	--
EXPERIMENTAL LINES							
11WA-107.36	5609	55.6	8.4	91		--	--
11WA-107.58	5414	56.2	8.8	96	5637	--	--
10WA-106.18	5061	55.4	7.9	88	5835	--	--
12WA-120.23	5025	53.9	9.0	95		--	--
11WA-107.43	4923	55.4	9.4	94	5744	--	--
12WA-120.14	4877	53.8	8.7	97	5068	--	--
10WA-106.20	4697	54.8	8.8	95	5280	--	--
12WA-120.8	4483	54.3	8.9	97		--	--
10WA-107.8	3990	58.5	9.7	65		--	--
C.V. %	11	1	6	3	11	--	--
LSD (0.10)	602	0.6	0.6	2	546	--	--
Average	4920	55.1	8.6	91	5525	--	--
Highest	5609	64.1	9.7	98	6055	--	--
Lowest	3990	52.5	7.9	53	4686	--	--

Agronomic Information

Planting Date: 5/4/2017
 Harvest Date: 8/24/2017
 Seeding Rate (seeds/ft²): 27
 Previous Crop: Winter Wheat
 Spring soil test:
 N (lb/ac) 4-ft sample 98
 P (ppm-bicarb) 2-ft sample 142
 S (lb/ac) 2-ft sample 43
 pH (top six inches) 5.53
 Herbicide:
 Huskie, Axial XL & Tilt applied on 6/9

Trial Notes:

1. The Palouse nursery was located about 7 miles west of Palouse, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. This was a new location in 2016 so there are no 3- or 5-year averages.
3. Preplant fertilizer applied was 80#N and 10#S.
4. This trial had higher than normal plot-to-plot variation in yield, but results are still useful and reflective of the year we experienced.

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