

2017 WSU Variety Testing Spring Barley, Endicott

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)
RELEASED VARIETIES								
Champion	2960	52.8	11.4	49	27	--	--	--
Altorado (BZ509-601)	2899	53.2	11.5	65	26	--	--	--
Muir	2895	51.2	10.9	68	27	--	--	--
Lyon	2844	51.7	12.3	65	25	--	--	--
LCS Odyssey	2724	51.4	10.9	88	24	--	--	--
Oreana	2674	50.8	11.6	66	25	--	--	--
Lenetah	2672	51.6	11.2	65	27	--	--	--
Survivor (07MWA-203)	2557	51.8	11.2	74	28	--	--	--
LCS Vespa	2488	51.0	11.6	75	24	--	--	--
Explorer	2487	50.3	12.0	81	23	--	--	--
Claymore	2412	48.2	11.5	50	27	--	--	--
<i>Havener</i>	2359	61.0	12.2	22	26	--	--	--
AAC Synergy	2349	50.3	10.7	83	28	--	--	--
CDC Copeland	2322	48.2	11.8	69	29	--	--	--
LCS Genie	2290	51.0	11.2	76	24	--	--	--
EXPERIMENTAL LINES								
11WA-107.43	2925	53.8	11.4	76	27	--	--	--
10WA-106.18	2871	53.0	10.3	68	28	--	--	--
11WA-107.36	2816	51.4	10.5	67	26	--	--	--
11WA-107.58	2801	52.6	11.9	56	28	--	--	--
12WA-120.14	2523	51.3	12.2	79	29	--	--	--
12WA-120.23	2486	50.9	11.5	77	27	--	--	--
12WA-120.8	2468	50.6	11.8	77	28	--	--	--
10WA-107.8	2358	55.1	12.9	39	26	--	--	--
10WA-106.20	2337	51.8	10.7	73	26	--	--	--
C.V. %	11	1	4	14	6	--	--	--
LSD (0.10)	318	0.8	0.5	10	2	--	--	--
Average	2605	51.9	11.5	67	26	--	--	--
Highest	2960	61.0	12.9	88	29	--	--	--
Lowest	2290	48.2	10.3	22	23	--	--	--

Agronomic Information

Planting Date: 4/14/2017
 Harvest Date: 8/22/2017
 Seeding Rate (seeds/ft²): 24
 Previous Crop: Winter Wheat
 Spring soil test:
 N (lb/ac) 4-ft sample 138
 P (ppm-bicarb) 2-ft sample 110
 S (lb/ac) 2-ft sample 40
 pH (top six inches) 5.51
 Herbicide:
 Huskie & Tilt applied on 5/25

Trial Notes:

1. The Endicott nursery was located about 4 miles southwest of Endicott, WA. All yield and test weight values within the 5% range of the highest value are shown in bold.
2. Fertilizer applied prior to planting (after the soil sample) was: 70#N.
3. This location had higher than normal variation for yield across replications and results should be interpreted with that in mind.
4. No long term averages because the 2016 & 2015 Endicott barley results were not published.

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