

2017 WSU Variety Testing Spring Barley, Fairfield

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								
Claymore	2687	53.2	9.2	87	23	--	--	--
Altorado (BZ509-601)	2643	54.0	9.3	88	20	--	--	--
Muir	2599	54.0	9.3	89	21	--	--	--
Champion	2549	54.8	9.6	90	22	--	--	--
LCS Odyssey	2515	53.7	9.7	95	22	--	--	--
Survivor (07MWA-203)	2498	54.7	9.9	93	23	--	--	--
Lyon	2469	53.9	9.8	93	21	--	--	--
Oreana	2451	54.4	9.4	90	20	--	--	--
AAC Synergy	2421	52.2	9.9	92	23	--	--	--
LCS Vespa	2399	53.4	9.6	94	21	--	--	--
LCS Genie	2386	54.5	10.3	96	21	--	--	--
CDC Copeland	2314	52.7	9.7	92	23	--	--	--
Lenetah	2193	54.2	10.1	89	22	--	--	--
Explorer	2084	52.3	9.7	95	20	--	--	--
Havener	2053	64.3	10.6	49	23	--	--	--
EXPERIMENTAL LINES								
10WA-106.18	2741	55.3	9.3	89	23	--	--	--
11WA-107.43	2659	55.2	9.8	93	23	--	--	--
12WA-120.23	2659	53.6	10.0	93	24	--	--	--
11WA-107.36	2619	52.5	9.4	89	22	--	--	--
10WA-106.20	2570	54.8	9.1	92	23	--	--	--
11WA-107.58	2549	55.4	9.8	93	24	--	--	--
12WA-120.14	2476	51.5	9.8	94	22	--	--	--
12WA-120.8	2425	50.6	10.0	93	23	--	--	--
10WA-107.8	2286	57.9	10.6	75	22	--	--	--
C.V. %	5	3	3	3	6	--	--	--
LSD (0.05)	169	2.0	0.5	4	2	--	--	--
Average	2469	54.3	9.7	89	22	--	--	--
Highest	2741	64.3	10.6	96	24	--	--	--
Lowest	2053	50.6	9.1	49	20	--	--	--

Agronomic Information

Planting Date: 5/5/2017
 Harvest Date: 8/30/2017
 Seeding Rate (seeds/ft²): 27
 Previous Crop: Winter Wheat
 Spring soil test:
 N (lb/ac) 4-ft sample 44
 P (ppm-bicarb) 2-ft sample 53
 S (lb/ac) 2-ft sample 17
 pH (top six inches) 5.42
 Herbicide:
 Huskie & Tilt applied on, 6/12

Trial Notes:

1. The nursery was located about 1 mile west of Fairfield, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. There are no long-term averages because the 2016 and 2015 trials were not published.
3. This was a no-till location and fertilizer applied at planting was: 80#N, 16#P, 14#S.
4. There was very little variation across the trial as all entries performed similarly.
5. There are not long-term averages because the 2016 & 2015 results were not published.

Cooperator: G. Wenz