

2018 WSU Variety Testing Spring Barley Trial, Endicott

Variety Name <i>Hulless Italicized</i>	2018						2 Year	3 Year	5 Year
	Yield (Lbs/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Plump (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
LCS Opera	4490	51.5	10.0	22	161	94		--	--
Claymore	4180	50.7	10.8	29	160	92	3300	--	--
Lyon	4160	50.3	11.1	25	159	96	3500	--	--
Altorado	4090	50.0	11.1	28	160	91	3490	--	--
Muir	3900	50.7	10.6	27	159	95	3400	--	--
Lenetah	3880	52.5	9.8	27	161	95	3280	--	--
CDC Copeland	3790	48.3	11.0	31	163	94	3060	--	--
LCS Sienna	3740	52.2	10.5	26	161	97		--	--
Oreana	3740	49.8	11.6	22	161	95	3210	--	--
Champion	3610	52.6	10.4	27	159	89	3290	--	--
Survivor	3520	50.8	11.3	26	162	94	3040	--	--
LCS Vespa	3480	49.6	10.7	24	161	96	2980	--	--
LCS Odyssey	3220	48.6	10.8	24	162	96	2970	--	--
Havener	3210	56.4	11.5	27	162	70	2790	--	--
LCS Genie	3100	50.3	10.1	23	163	96	2690	--	--
Meg's Song (X05013-T1)	2750	54.4	13.0	26	160	83		--	--
Experimental Lines									
12WA-120.14	4060	50.3	11.0	30	159	96	3290	--	--
11WA-107.43	4030	52.3	11.5	27	160	96	3480	--	--
12WA-120.23	3950	49.3	12.5	29	159	95	3220	--	--
11WA-107.36	3830	50.4	9.8	26	160	91	3320	--	--
13WA-101.2	3760	50.1	11.7	27	161	95		--	--
11WA-107.58	3660	52.9	11.3	27	159	97	3230	--	--
BZ 512-319	3570	46.9	10.3	28	162	91		--	--
13WA-149.2	3360	50.6	11.8	26	161	96		--	--
C.V. %	10	1.4	8.8	5	1	2	10	--	--
LSD (0.05)	500	1.0	1.3	2	1	2	320	--	--
Average	3710	50.9	11.0	26	161	93	3200	--	--
Highest	4490	56.4	13.0	31	163	97	3500	--	--
Lowest	2750	46.9	9.8	22	159	70	2690	--	--

Agronomic Information

Planting Date:	4/3/2018
Harvest Date:	8/23/2018
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	45
P (ppm-bicarb) 2-ft sample	70
S (lb/ac) 2-ft sample	19
pH (top 6 inches)	5.6

Trial Notes:

1. The Endicott nursery was located about 4 miles southwest of Endicott, WA.
2. The cooperator fertilized the trial prior to seeding, 75N.
3. Overall yield was 42% more than 2017, and grain test weight was 1.0 lb/bu less than last year.

Cooperator: M. Miller

Herbicide:

Huskie, Axial XL, Tilt on 05/23/18