

2018 WSU Variety Testing Spring Barley Trial, Reardan

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	3190	51.5	10.6	27	172	95			--
Muir	3080	50.5	11.6	34	172	94	3560	3640	--
Oreana	3010	50.1	12.4	27	173	96	3500	3930	--
Champion	3000	52.8	11.7	34	171	93	3500	3670	--
LCS Sienna	2990	52.9	11.7	31	171	97			--
Altorado	2980	49.2	11.8	33	173	86	3650	3730	--
Lenetah	2960	51.9	11.2	35	173	95	3480	3800	--
LCS Genie	2950	50.7	11.7	30	172	96	3300	3650	--
Claymore	2920	50.2	10.9	35	172	91	3560	3820	--
CDC Copeland	2880	48.3	11.6	38	175	93	3510	3550	--
Lyon	2830	49.4	12.5	32	171	95	3440	3620	--
LCS Vespa	2820	49.0	12.1	28	172	95	3310	3770	--
Survivor	2600	50.9	12.5	36	172	98	3220	3450	--
Havener	2430	55.3	13.5	35	173	72	3010	3060	--
LCS Odyssey	2320	48.6	12.6	28	175	96	3380	3950	--
Meg's Song (X05013-T1)	2050	51.4	14.6	36	174	80			--
Experimental Lines									
11WA-107.58	2900	52.6	12.5	34	174	96	3430	3520	--
13WA-101.2	2860	49.6	13.0	36	171	96			--
12WA-120.23	2770	49.4	12.1	34	172	95	3410		--
11WA-107.36	2690	49.2	12.3	32	170	92	3230		--
12WA-120.14	2590	49.1	12.7	36	171	95	3180	3120	--
BZ 512-319	2540	47.5	11.5	36	175	90			--
13WA-149.2	2520	49.3	12.7	36	173	96			--
11WA-107.43	2500	50.3	12.6	33	171	95	3250	3570	--
C.V. %	8	2.0	3.8	6	1	2	8	8	--
LSD (0.05)	310	1.4	0.6	3	0	3	240	230	--
Average	2770	50.4	12.2	33	172	93	3380	3620	--
Highest	3190	55.3	14.6	38	175	98	3650	3950	--
Lowest	2050	47.5	10.6	27	170	72	3010	3060	--

Agronomic Information

Planting Date:	4/26/2018
Harvest Date:	9/4/2018
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Spring Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	71
P (ppm-bicarb) 2-ft sample	56
S (lb/ac) 2-ft sample	30
pH (top 6 inches)	5.1

Trial Notes:

1. The Reardan nursery was located about 7 miles west of Reardan, WA.
2. The nursery was fertilized at seeding with 100N.
3. Overall yield was 28% less than 2017, and grain test weight was 2.5 lb/bu less than last year.

Cooperator: H. Johnson

Herbicide:

Huskie, Axial XL, Tilt on 06/08/2018