

2016 WSU Variety Testing Spring Barley, Reardan

Variety Name <i>Hulless Italicized</i>	2016							2 Year	3 Year	5 Year
	YIELD (LBS/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLUMP (%)	PLANT HT	HEAD DATE	LODGING (%)	AVERAGE (LBS/A)	AVERAGE (LBS/A)	AVERAGE (LBS/A)
RELEASED VARIETIES										
LCS Odyssey	5103	53.2	12.1	98	28	170	0	3385	--	--
Oreana (BZ509-448)	4781	54.0	12.6	97	27	168	0	3242	--	--
LCS Vespa	4693	52.5	13.2	98	26	168	0	3026	--	--
Lenetah	4450	53.8	12.6	98	31	166	3	2964	--	--
LCS Genie	4354	53.5	12.3	98	27	170	0	2689	--	--
Claymore (BZ509-216)	4344	53.2	12.5	98	32	168	5	3010	--	--
Champion	4008	53.9	13.5	98	32	166	0	2585	--	--
Lyon	3977	52.9	13.9	98	30	167	0	2839	--	--
LCS Westminster	3966	53.6	13.6	97	30	170	0		--	--
Muir	3791	53.0	13.3	98	30	169	0	2772	--	--
Bob	3701	53.4	14.3	98	33	167	0	2691	--	--
CDC Copeland	3641	52.6	12.2	97	37	174	7	2372	--	--
Havener (09WA-265.5)	3175	61.5	14.7	90	32	169	2	2024	--	--
EXPERIMENTAL LINES										
11WA-107.43	4202	53.7	13.8	98	30	168	0		--	--
10WA-105.C	4201	52.5	14.1	97	28	166	0		--	--
11WA-105.11	3997	53.2	14.0	97	32	170	0		--	--
07MWA-204	3952	53.1	13.9	98	31	167	0	2809	--	--
10WA-106.18	3941	54.0	12.6	98	31	167	0	2756	--	--
07MWA-202	3910	53.1	13.8	98	31	169	0	2748	--	--
07MWA-203	3902	53.4	14.1	98	29	168	0	2801	--	--
BZ 509-601	3898	53.9	13.6	97	31	166	0		--	--
2Ab08-X05M010-82	3897	53.4	12.9	97	31	171	2		--	--
10WA-106.20	3885	53.9	13.4	99	31	166	0		--	--
11WA-107.58	3708	54.2	13.9	98	31	167	0		--	--
X05013-T1	3289	60.6	16.3	95	31	167	7	2119	--	--
12WA-120.17	3221	52.5	14.3	97	32	169	7		--	--
10WA-117.17	3122	52.9	13.2	97	30	170	17		--	--
12WA-120.14	3015	52.3	14.6	97	32	165	8		--	--
2Ab09-X06F058HL-31	3013	59.3	16.4	96	30	167	12	1937	--	--
10WA-117.24	2410	52.3	14.5	97	33	169	12		--	--
C.V. %	9	1	2	0	4	0	--	10	--	--
LSD (0.05)	486	0.6	0.5	1	2	1	4	271	--	--
Average	3852	54.0	13.7	97	31	168	3	2709	--	--
Highest	5103	61.5	16.4	99	37	174	17	3385	--	--
Lowest	2410	52.3	12.1	90	26	165	0	1937	--	--

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Agronomic Information

Planting Date: 4/11/2016
Harvest Date: 9/1/2016
Seeding Rate (lbs/acre): 90
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 79
 P (ppm-bicarb) 2-ft sample 65
 S (lb/ac) 2-ft sample 33
 pH (top six inches) 5.0
Herbicide:
Huskie and Tilt applied on 5/31.

Trial Notes:

- 1.** The Reardan nursery was located about 7 miles west of Reardan, WA . All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
- 2.** This is a no-till location and fertilizer applied at planting (not accounted for in the soil sample) was: 80#N, 14#P, 14#S.
- 3.** This trial received only one fungicide application and stripe rust was not an issue.
- 4.** Three and five year averages are not available because the 2014 and 2013 barley trials were not published.

Cooperator: H. Johnson