

2016 WSU Variety Testing Spring Barley, Palouse

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										
Oreana (BZ509-448)	7409	53.8	12.3	94	32	164	0	--	--	--
LCS Genie	7087	53.0	12.5	94	33	164	3	--	--	--
Claymore (BZ509-216)	7023	52.0	13.3	87	41	164	22	--	--	--
LCS Westminster	6724	53.7	13.2	96	37	165	3	--	--	--
Lenetah	6681	54.0	12.9	95	37	162	48	--	--	--
LCS Vespa	6664	54.1	13.0	97	32	162	0	--	--	--
Champion	6395	55.1	13.1	96	40	160	27	--	--	--
CDC Copeland	6263	51.9	13.2	85	42	164	25	--	--	--
Muir	5824	53.2	13.7	95	40	161	30	--	--	--
Lyon	5772	52.6	13.9	91	36	160	67	--	--	--
Bob	5661	54.3	14.7	96	41	161	28	--	--	--
<i>Havener (09WA-265.5)</i>	5181	59.5	14.0	86	39	162	22	--	--	--
LCS Odyssey	4871	51.9	12.5	96	32	163	13	--	--	--
EXPERIMENTAL LINES										
10WA-106.18	6609	53.8	12.5	95	40	161	58	--	--	--
11WA-107.43	6565	54.5	13.2	97	38	161	8	--	--	--
10WA-105.C	6129	52.7	13.3	95	37	161	43	--	--	--
11WA-105.11	6072	54.4	13.6	96	37	162	40	--	--	--
2Ab08-X05M010-82	5941	52.5	13.2	88	37	163	80	--	--	--
10WA-106.20	5863	54.3	12.7	97	37	161	45	--	--	--
11WA-107.58	5861	54.6	13.2	97	36	161	2	--	--	--
07MWA-202	5848	54.0	14.2	96	39	161	25	--	--	--
BZ 509-601	5843	54.2	13.4	95	39	161	3	--	--	--
07MWA-204	5798	53.7	14.8	94	37	161	50	--	--	--
12WA-120.17	5623	52.0	15.2	92	40	161	50	--	--	--
X05013-T1	5498	59.7	14.8	93	40	163	10	--	--	--
2Ab09-X06F058HL-31	5356	56.2	15.8	91	39	165	47	--	--	--
12WA-120.14	5259	52.3	14.8	95	40	162	57	--	--	--
10WA-117.17	5019	52.8	13.4	91	41	162	68	--	--	--
07MWA-203	4982	54.4	14.6	97	38	161	20	--	--	--
10WA-117.24	4709	51.8	14.2	95	41	162	45	--	--	--
C.V. %	10	1	3	4	5	0	--	--	--	--
LSD (0.05)	784	0.9	0.5	5	3	1	25	--	--	--
Average	5951	53.9	13.6	94	38	162	31	--	--	--
Highest	7409	59.7	15.8	97	42	165	80	--	--	--
Lowest	4709	51.8	12.3	85	32	160	0	--	--	--

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Agronomic Information

Planting Date: 4/13/2016
Harvest Date: 8/29/2016
Seeding Rate (lbs/acre): 90
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 260
 P (ppm-bicarb) 2-ft sample 61
 S (lb/ac) 2-ft sample 17
 pH (top six inches) 5.3
Herbicide:
Huskie & Tilt applied on 5/18

Trial Notes:

- 1.** The Palouse nursery was located about 7 miles west of Palouse, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
- 2.** This trial was following winter wheat, but previous to that, the field had been in alfalfa.
- 3.** The Palouse location was new in 2016, so there are no long-term averages.
- 4.** Ample Nitrogen produced wide-spread lodging, except in entries with shorter or stiffer straw.

Cooperator: D. Lange