

2016 WSU Variety Testing Spring Barley, Walla Walla

Variety Name <i>Hulless Italicized</i>	2016						2 Year	3 Year	5 Year
	YIELD (LBS/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLUMP (%)	PLANT HT	LODGING (%)	AVERAGE (LBS/A)	AVERAGE (LBS/A)	AVERAGE (LBS/A)
RELEASED VARIETIES									
LCS Odyssey	7430	53.2	11.5	97	33	0	6344	5103	
Claymore (BZ509-216)	7094	53.3	11.9	95	39	0	6293		
LCS Vespa	7006	54.1	12.1	97	34	0	6323	5209	5692
Lenetah	6808	54.4	11.5	96	35	8	5941	4954	5181
LCS Genie	6727	53.4	10.6	96	30	0	5845	4752	
Oreana (BZ509-448)	6512	53.5	11.4	95	31	0	6007		
LCS Westminster	6434	54.2	11.6	96	35	0			
Muir	6079	52.8	12.2	92	36	22	5181	4425	4792
CDC Copeland	5991	52.1	11.8	91	42	25	5176	4137	4766
Lyon	5667	52.1	12.7	91	36	50	5274	4499	4775
Champion	5361	53.8	12.2	94	38	30	4947	4234	4782
Bob	5328	53.8	13.5	93	38	73	5134	4408	4733
Havener (09WA-265.5)	5168	62.0	12.7	84	38	17	4527	3745	
EXPERIMENTAL LINES									
BZ 509-601	6733	54.2	12.0	94	37	8			
10WA-105.C	6715	52.8	12.7	95	34	27			
2Ab08-X05M010-82	6506	52.1	11.4	89	34	8			
10WA-106.20	6326	53.6	11.8	95	38	23			
11WA-107.43	6279	54.0	12.5	97	37	0			
11WA-105.11	6201	52.5	12.4	93	35	25			
11WA-107.58	6110	54.6	12.3	98	38	0			
07MWA-202	6050	53.2	12.5	91	37	13	5291		
07MWA-203	6035	54.0	12.8	95	39	8	5326		
X05013-T1	5673	61.3	13.9	93	37	0	4710	3815	
10WA-106.18	5655	53.1	12.1	89	36	38	5205	4552	
07MWA-204	5446	53.1	13.4	92	37	42	5182		
12WA-120.14	5328	52.2	13.3	91	38	58			
12WA-120.17	5078	52.2	13.5	92	37	35			
10WA-117.17	4810	51.0	13.4	89	36	80			
10WA-117.24	4380	50.5	13.7	94	39	58			
2Ab09-X06F058HL-31	4243	57.1	13.7	89	34	0	3935	3413	
C.V. %	8	1	5	3	5	--	8	9	8
LSD (0.05)	622	0.9	0.8	4	2	25	416	343	252
Average	5972	53.8	12.4	93	36	22	5369	4404	4960
Highest	7430	62.0	13.9	98	42	80	6344	5209	5692
Lowest	4243	50.5	10.6	84	30	0	3935	3413	4733

Continued on next page.

Agronomic Information

Planting Date: 4/8/2016
Harvest Date: 8/23/2016
Seeding Rate (lbs/acre): 90
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 266
 P (ppm-bicarb) 2-ft sample 86
 S (lb/ac) 2-ft sample 65
 pH (top six inches) 6.7
Herbicide:
Huskie & Tilt applied on 5/12

Trial Notes:

- 1.** The Walla Walla nursery was located about 1.5 miles west of Waitsburg, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
- 2.** Stripe rust was not an issue.
- 3.** Plenty of Nitrogen produced lodging which limited the yield of many entries.

Cooperator: P. Dozier