

2016 WSU Variety Testing Spring Barley, Pullman

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	AVERAGE (LBS/A)	AVERAGE (LBS/A)	AVERAGE (LBS/A)
RELEASED VARIETIES									
Lenetah	5837	52.3	12.5	96	27	177	4887	4858	4632
Champion	5796	53.2	13.0	95	29	177	5233	5207	5001
LCS Odyssey	5698	51.5	12.9	95	25	178	5173	5104	
Claymore (BZ509-216)	5613	52.5	12.6	93	28	179			
Bob	5571	52.8	13.5	95	28	177	5092	5082	4798
Muir	5524	52.2	13.1	96	26	178	4838	4936	4779
LCS Westminster	5522	52.3	13.2	97	27	178			
Oreana (BZ509-448)	5445	51.9	13.2	96	24	177			
Lyon	5423	51.5	13.4	90	27	179	4605	4783	4651
LCS Vespa	5337	50.9	13.2	95	24	178	5021	5113	
CDC Copeland	5321	50.4	12.6	94	33	178	4687	4539	4385
LCS Genie	5267	52.6	12.3	96	23	178	4955	4925	
<i>Havener (09WA-265.5)</i>	4612	60.0	14.1	90	28	178	4132	4068	
EXPERIMENTAL LINES									
07MWA-204	5710	51.9	13.4	96	28	177			
BZ 509-601	5639	52.8	13.2	95	28	178			
11WA-107.58	5634	53.1	13.4	96	28	177			
07MWA-203	5612	52.3	13.2	95	27	179			
07MWA-202	5591	52.6	13.1	95	26	179			
10WA-117.17	5543	51.6	12.9	95	29	177			
2Ab08-X05M010-82	5520	51.6	12.7	93	26	177			
10WA-106.18	5404	52.3	12.7	94	27	177	4761		
10WA-106.20	5365	52.8	12.6	95	28	177			
10WA-105.C	5322	52.1	13.5	95	24	177			
12WA-120.14	5159	51.3	13.6	96	28	178			
10WA-117.24	4992	51.6	13.9	96	31	179			
11WA-107.43	4966	53.2	13.9	96	27	178			
11WA-105.11	4939	52.4	13.3	94	27	178			
12WA-120.17	4757	51.9	13.8	95	26	178			
X05013-T1	4559	58.4	15.7	92	29	177	4316	4186	
2Ab09-X06F058HL-31	3746	54.2	15.1	94	26	178	3526		
C.V. %	7	1	2	1	7	1	8	7	9
LSD (0.05)	524	1.1	0.4	2	2	2	359	279	270
Average	5314	52.7	13.3	95	27	178	4710	4800	4708
Highest	5837	60.0	15.7	97	33	179	5233	5207	5001
Lowest	3746	50.4	12.3	90	23	177	3526	4068	4385

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Agronomic Information

Planting Date: 4/25/2016
Harvest Date: 8/14/2016
Seeding Rate (lbs/acre): 90
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 107
 P (ppm-bicarb) 2-ft sample 16
 S (lb/ac) 2-ft sample 10
 pH (top six inches) 5.2
Herbicide:
Brox-2EC & Axial-XL

Trial Notes:

- 1.** The Pullman nursery was located about 1.5 miles southeast of Pullman, WA on the WSU Spillman Agronomy Farm. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
- 2.** Despite the low CV, there was a fair amount of unexplained variation, leading to fewer significant differences among entries.

Cooperator: WSU Spillman Agronomy Farm

* 2-Year average from 2016 and 2014

** 3-Year average from 2016, 2014, 2013

*** 5-Year average from 2016, 2014, 2013, 2012, 2011