

2016 WSU Variety Testing Spring Barley, Farmington

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	6251	51.4	10.4	98	29	170	0	6067	5534	
Claymore (BZ509-216)	6140	52.5	9.7	97	37	167	0	5825		
LCS Vespa	5838	52.1	10.1	97	29	170	0	5722	5337	5204
Champion	5801	53.5	11.2	98	34	165	0	5586	5430	5433
CDC Copeland	5796	51.8	10.0	97	39	170	0	5353	5131	4977
LCS Genie	5749	51.2	10.0	97	29	169	0	5482	5146	
Lyon	5736	52.3	9.7	97	32	164	0	5724	5527	5486
Lenetah	5541	52.6	11.5	97	33	168	13	5471	5530	5229
Muir	5462	52.4	11.6	98	32	167	0	5442	5328	5226
Oreana (BZ509-448)	5415	52.1	10.2	97	28	170	0	5511		
LCS Westminster	5331	51.7	10.8	98	33	168	0			
Bob	5273	53.3	10.2	97	36	163	0	5102	4995	4847
Havener (09WA-265.5)	4763	59.0	12.8	90	35	169	0	4613	4195	
EXPERIMENTAL LINES										
2Ab08-X05M010-82	6137	52.2	10.5	96	34	171	0			
10WA-106.20	5827	52.8	10.2	98	35	163	0			
10WA-106.18	5703	52.9	11.0	97	32	164	0	5569	5455	
11WA-107.58	5537	53.4	11.8	98	35	168	0			
BZ 509-601	5522	53.4	11.2	97	33	166	0			
11WA-107.43	5503	52.8	11.0	98	33	165	0			
10WA-105.C	5496	52.1	10.4	97	33	164	0			
07MWA-203	5403	52.9	11.1	97	35	165	0	5456		
12WA-120.14	5368	52.0	10.6	98	36	166	0			
07MWA-204	5345	52.8	11.5	98	36	164	0	5350		
12WA-120.17	5323	51.8	11.9	97	36	166	0			
X05013-T1	5251	58.3	13.7	95	36	167	0	4761	4457	
07MWA-202	5153	52.9	10.6	97	34	163	0	5381		
10WA-117.17	5062	51.7	11.0	97	36	166	0			
11WA-105.11	4986	52.4	10.9	98	33	170	0			
10WA-117.24	4954	50.8	11.1	97	39	166	13			
2Ab09-X06F058HL-31	4151	54.9	13.3	93	32	165	0	4023	3785	
C.V. %	8	1	9	1	5	1	--	7	8	7
LSD (0.05)	593	0.5	1.3	1	2	3	8	340	314	231
Average	5461	52.9	11.0	97	34	167	1	5358	5065	5200
Highest	6251	59.0	13.7	98	39	171	13	6067	5534	5486
Lowest	4151	50.8	9.7	90	28	163	0	4023	3785	4847

Continued on next page.

Agronomic Information

Planting Date: 4/7/2016
Harvest Date: 9/14/2016
Seeding Rate (lbs/acre): 90
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 110
 P (ppm-bicarb) 2-ft sample 80
 S (lb/ac) 2-ft sample 31
 pH (top six inches) 5.9
Herbicide:
Huskie & Tilt applied on 5/17

Trial Notes:

- 1.** The Farmington nursery was located about 4 miles south of Farmington, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
- 2.** Base fertilizer, applied prior to the soil sample, was: 85#N, 20#P, 20#S.
- 3.** This trial received only one fungicide application and stripe rust was not an issue.

Cooperator: B. Nelson