

2016 WSU Variety Testing Spring Barley, Mayview

Variety Name <i>Hulless Italicized</i>	2016					2 Year	3 Year*	5 Year**
	YIELD (LBS/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLUMP (%)	PLANT HT	AVERAGE (LBS/A)	AVERAGE (LBS/A)	AVERAGE (LBS/A)
RELEASED VARIETIES								
Lenetah	4519	53.5	12.1	94	27	3916	4066	4009
Oreana (BZ509-448)	4492	53.7	12.2	95	25	4043		
LCS Genie	4384	52.7	12.0	94	26	3841	3972	
LCS Vespa	4278	52.3	11.9	96	25	4095	4161	
Lyon	4178	52.7	12.5	96	28	3847	3918	3895
LCS Odyssey	4164	52.0	11.8	95	22	3913	4016	
Claymore (BZ509-216)	3840	51.8	11.9	92	27	3734		
Bob	3753	52.9	13.1	94	28	3423	3562	3442
Champion	3716	54.0	12.2	95	30	3575	3792	3767
LCS Westminster	3571	52.9	12.6	96	26			
CDC Copeland	3436	50.7	12.5	90	32	3181	3329	3321
Muir	3380	52.6	12.4	94	26	3229	3531	3589
Havener (09WA-265.5)	3102	60.3	13.5	85	27	2719	2878	
EXPERIMENTAL LINES								
07MWA-203	3958	52.8	13.2	95	27	3691		
2Ab08-X05M010-82	3956	51.4	12.4	88	26			
10WA-105.C	3898	51.9	12.8	95	26			
BZ 509-601	3804	53.6	13.1	91	27			
07MWA-204	3786	53.1	13.5	94	27	3521		
07MWA-202	3744	52.2	13.2	95	27	3561		
11WA-107.58	3680	54.2	12.8	95	26			
11WA-107.43	3459	53.3	12.7	96	28			
10WA-106.20	3221	53.4	12.0	94	27			
X05013-T1	3193	59.3	15.0	86	27	2882	3006	
11WA-105.11	3080	51.9	12.5	92	26			
2Ab09-X06F058HL-31	3017	57.4	14.7	89	29	2649		
10WA-106.18	2871	53.1	11.9	92	28	3035		
12WA-120.17	2712	52.0	13.6	94	29			
12WA-120.14	2249	52.1	13.4	93	31			
10WA-117.17	2171	52.2	12.4	92	29			
10WA-117.24	2119	52.0	13.2	93	29			
C.V. %	9	1	4	2	6	8	7	7
LSD (0.05)	454	0.6	0.7	2	2	309	223	189
Average	3524	53.3	12.8	93	27	3492	3657	3671
Highest	4519	60.3	15.0	96	32	4095	4161	4009
Lowest	2119	50.7	11.8	85	22	2649	2878	3321

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Agronomic Information

Planting Date: 4/22/2016
Harvest Date: 8/30/2016
Seeding Rate (lbs/acre): 90
Previous Crop: Fallow
Spring soil test:
 N (lb/ac) 4-ft sample 58
 P (ppm-bicarb) 2-ft sample 80
 S (lb/ac) 2-ft sample 42
 pH (top six inches) 4.97
Herbicide:
Huskie & Tilt applied on 6/1

Trial Notes:

1. The Mayview nursery was located about 3.5 miles south of Lower Granite Dam. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Base fertilizer (applied after soil test) was 80#N and 15#S.

Cooperator: R. & R. Koller

* 3-Year average from 2016, 2015, 2013

** 5-Year average from 2016, 2015, 2013, 2012, 2011