

2017 WSU Variety Testing Spring Barley, Pullman

Variety Name <i>Hulless Italicized</i>	2017						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)
<b>RELEASED VARIETIES</b>									
Lenetah	7170	54.5	11.8	91	37	178	6503	5648	5185
Altorado (BZ509-601)	6894	52.7	11.6	80	35	178			
Oreana	6022	53.3	11.5	88	27	179	5734		
Survivor (07MWA-203)	6019	53.1	12.1	89	34	178	5815		
LCS Vespa	5967	53.2	12.1	86	28	180	5652	5336	5090
LCS Genie	5827	52.9	11.5	94	29	182	5547	5245	
Muir	5765	51.3	12.6	85	33	177	5645	5147	4944
Lyon	5609	50.7	12.4	73	34	177	5516	4940	4745
Claymore	4906	50.6	11.7	80	35	182	5259		
Havener	4695	60.9	12.9	45	35	181	4653	4320	
Explorer	4674	51.8	11.8	85	27	181			
LCS Odyssey	4536	50.2	11.5	93	29	182	5117	4961	
Champion	4223	53.6	11.2	82	33	177	5010	4896	4771
AAC Synergy	4187	51.5	11.6	92	37	177			
CDC Copeland	3479	49.6	12.6	80	39	183	4400	4284	4203
<b>EXPERIMENTAL LINES</b>									
11WA-107.58	6841	53.9	12.2	93	35	179	6237		
11WA-107.36	6586	53.6	11.9	89	33	177			
11WA-107.43	6393	53.1	12.9	86	35	180	5680		
10WA-106.20	5842	53.4	11.4	92	31	177	5603		
10WA-107.8	5682	57.3	13.7	66	33	177			
12WA-120.14	5463	52.4	13.6	86	37	180	5311		
10WA-106.18	5397	52.8	11.1	75	34	179	5401	4973	
12WA-120.8	5385	51.2	13.8	86	35	178			
12WA-120.23	4392	51.3	12.9	86	34	178			
C.V. %	16	2	6	9	5	1	12	11	11
LSD (0.05)	1202	1.6	1.0	10	2	2	772	548	389
Average	5498	52.9	12.2	83	33	179	5476	4975	4823
Highest	7170	60.9	13.8	94	39	183	6503	5648	5185
Lowest	3479	49.6	11.1	45	27	177	4400	4284	4203

**Agronomic Information**

Planting Date: 5/12/2017  
 Harvest Date: 8/25/2017  
 Seeding Rate (seeds/ft<sup>2</sup>): 27  
 Previous Crop: Winter Wheat  
 Spring soil test:  
     N (lb/ac) 4-ft sample --  
     P (ppm-bicarb) 2-ft sample --  
     S (lb/ac) 2-ft sample --  
     pH (top six inches) --  
 Herbicide:  
 Axial XL & Brox 2EC

**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. Pre-plant fertilizer applied was: 120#N, 10#P, 30#S. Soil sample data is not available from this location.
3. The higher than normal C.V. reflects variation in yield across replications. This is typical for the type of growing season experienced in 2017.

**Cooperator:** WSU Spillman Agronomy Farm

\* 3-Year average from 2017, 2016, 2014

\*\* 5-Year average from 2017, 2016, 2014, 2013, 2012