

2017 WSU Variety Testing Spring Barley, Dayton

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	<b>3142</b>	51.9	12.6	63	24	174	3873	3268	3650
LCS Vespa	<b>2998</b>	49.7	13.5	41	23	172	3577	3175	3493
Champion	2832	50.6	13.2	46	25	173	3476	3024	3505
Lyon	2693	49.2	13.6	39	24	172	3481	3201	3348
Survivor (07MWA-203)	2659	50.3	13.0	63	24	173	3131	2866	
AAC Synergy	2608	48.3	13.7	70	25	173			
Muir	2573	47.3	14.0	43	24	174	3235	2984	3271
Explorer	2534	48.8	13.0	53	22	173			
LCS Odyssey	2499	46.6	13.3	68	24	175	3229	2851	3228
Altorado (BZ509-601)	2484	47.5	13.3	28	23	173	3344		
Oreana	2434	49.2	13.5	46	23	173	3391	2996	
LCS Genie	2424	49.3	13.3	61	23	175	3298	2928	3235
Claymore	2374	46.9	13.6	44	26	174	3196	2902	
Havener	2323	<b>60.1</b>	13.2	15	25	175	2798	2439	2743
CDC Copeland	1855	47.1	14.2	51	26	175	2613	2208	2706
<b>EXPERIMENTAL LINES</b>									
11WA-107.58	<b>2947</b>	52.4	13.6	56	26	173	3423		
12WA-120.14	2844	48.7	13.8	66	26	174	3291		
11WA-107.43	2841	52.2	14.0	54	26	173	3377		
12WA-120.23	2825	49.1	13.6	56	25	173			
11WA-107.36	2752	50.1	13.1	36	23	172			
12WA-120.8	2660	48.7	13.6	47	26	173			
10WA-106.20	2650	50.0	13.0	41	25	172	3259		
10WA-106.18	2628	49.1	13.4	39	26	174	3510	3007	
10WA-107.8	2466	54.9	14.3	30	24	173			
<b>C.V. %</b>	7	2	3	15	4	0	8	8	8
<b>LSD (0.05)</b>	246	1.1	0.6	10	1	1	277	214	172
<b>Average</b>	2627	49.9	13.5	48	25	173	3306	2911	3242
<b>Highest</b>	3142	60.1	14.3	70	26	175	3873	3268	3650
<b>Lowest</b>	1855	46.6	12.6	15	22	172	2613	2208	2706

**Agronomic Information**

Planting Date: 4/28/2017  
 Harvest Date: 8/16/2017  
 Seeding Rate (seeds/ft<sup>2</sup>): 24  
 Previous Crop: Winter Wheat  
 Spring soil test:  
     N (lb/ac) 4-ft sample 55  
     P (ppm-bicarb) 2-ft sample 84  
     S (lb/ac) 2-ft sample 35  
     pH (top six inches) 5.51

**Trial Notes:**

1. The Dayton nursery was located about 6 miles northwest of Dayton, WA. All yield and test weight values within the 5% LSD range of the highest value are shown in bold.
2. Fertilizer applied prior to planting (after the soil sample) was: 125#N, 15#P, 20#S

**Cooperator:** J. Penner

Herbicide:

Affinity, Huskie, Dagger MCPA & Tilt applied on 6/6