

2017 WSU Variety Testing Spring Barley, Mayview

Variety Name <i>Hulless Italicized</i>	2017					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)
<b>RELEASED VARIETIES</b>								
Champion	<b>3695</b>	54.3	10.1	83	28	3706	3615	3677
LCS Vespa	<b>3613</b>	52.8	10.3	89	25	3945	3934	3821
LCS Genie	<b>3475</b>	52.4	10.6	89	24	3930	3719	
Lenetah	<b>3462</b>	53.0	10.8	84	25	3990	3765	3883
Lyon	<b>3358</b>	52.6	10.9	80	25	3768	3684	3679
Altorado (BZ509-601)	3235	50.6	10.7	58	25	3519		
Oreana	3207	52.7	10.3	82	23	3850	3764	
AAC Synergy	3093	51.2	11.0	88	27			
LCS Odyssey	2998	51.7	10.2	90	23	3582	3608	
<i>Havener</i>	2976	<b>61.9</b>	11.4	31	26	3039	2805	
Muir	2957	50.5	11.7	74	25	3169	3138	3369
Claymore	2956	50.6	10.7	76	25	3398	3475	
Explorer	2915	51.9	11.5	84	23			
Survivor (07MWA-203)	2851	52.6	11.4	89	26	3405	3411	
CDC Copeland	2403	50.4	10.6	81	26	2919	2922	3092
<b>EXPERIMENTAL LINES</b>								
11WA-107.36	<b>3468</b>	52.6	10.5	76	26			
12WA-120.14	<b>3453</b>	51.8	11.3	87	28	2851		
12WA-120.23	<b>3409</b>	52.4	10.6	86	27			
11WA-107.43	<b>3343</b>	53.5	11.4	85	26	3401		
11WA-107.58	<b>3290</b>	54.3	10.5	90	27	3485		
12WA-120.8	3203	51.6	10.1	84	26			
10WA-106.20	3174	52.7	10.2	83	28	3198		
10WA-106.18	3138	53.3	10.0	75	25	3004	3069	
10WA-107.8	2898	55.3	12.3	53	24			
C.V. %	10	1	6	5	6	10	9	8
LSD (0.05)	459	0.8	0.9	5	2	381	272	186
Average	3190	52.8	10.8	79	26	3453	3455	3587
Highest	3695	61.9	12.3	90	28	3990	3934	3883
Lowest	2403	50.4	10.0	31	23	2851	2805	3092

**Agronomic Information**

Planting Date:	5/1/2017
Harvest Date:	8/18/2017
Seeding Rate (seeds/ft <sup>2</sup> ):	24
Previous Crop:	Fallow
Spring soil test:	
N (lb/ac) 4-ft sample	37
P (ppm-bicarb) 2-ft sample	74
S (lb/ac) 2-ft sample	17
pH (top six inches)	4.99
Herbicide:	
Huskie & Tilt applied at herbicide timing	

**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 75#N.

**Cooperator:** R. & R. Koller

\* 5-Year average from 2017, 2016, 2015, 2013, 2012