

2016 WSU Variety Testing Spring Barley, Dayton

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	AVERAGE (LBS/A)	AVERAGE (LBS/A)	AVERAGE (LBS/A)
RELEASED VARIETIES									
Lenetah	4604	54.0	11.2	97	28	157	3331	3427	3972
Oreana (BZ509-448)	4348	53.2	11.5	93	24	159	3276		
Lyon	4269	52.6	12.5	95	27	156	3455	3260	3729
LCS Genie	4171	53.3	11.6	97	23	160	3180	3207	
LCS Vespa	4155	52.7	12.0	96	25	158	3263	3377	3854
Champion	4120	53.9	11.0	95	27	157	3120	3331	3825
LCS Westminster	4060	52.3	12.3	97	25	160			
Claymore (BZ509-216)	4017	52.6	11.8	96	28	159	3165		
LCS Odyssey	3959	52.8	11.9	98	25	160	3027	3117	
Muir	3897	52.8	12.6	94	27	158	3190	3252	3610
Bob	3434	53.8	13.0	96	28	156	2911	3088	3534
CDC Copeland	3370	51.6	12.7	96	30	162	2384	2646	3120
<i>Havener (09WA-265.5)</i>	3272	61.1	12.5	81	26	161	2497	2623	
EXPERIMENTAL LINES									
10WA-106.18	4392	53.6	11.7	92	29	157	3197	3369	
BZ 509-601	4203	53.7	11.6	92	27	158			
2Ab08-X05M010-82	4173	52.1	11.8	89	25	161			
10WA-105.C	4157	51.6	11.6	94	25	157			
11WA-105.11	3936	52.2	13.2	96	25	162			
11WA-107.43	3912	53.3	12.8	96	27	157			
11WA-107.58	3898	54.2	12.9	96	27	158			
10WA-106.20	3869	53.5	11.1	95	27	157			
07MWA-202	3774	53.7	12.4	97	28	157	3030		
10WA-117.17	3769	51.9	12.2	95	27	160			
12WA-120.17	3746	52.0	12.7	96	27	158			
12WA-120.14	3738	51.2	12.1	95	29	159			
07MWA-204	3696	53.6	13.8	96	27	158	2985		
07MWA-203	3603	53.8	12.9	96	25	156	2970		
X05013-T1	3283	59.7	14.8	91	28	159	2369	2466	
10WA-117.24	3223	51.2	12.6	95	28	160			
2Ab09-X06F058HL-31	3176	57.5	14.4	89	26	160	2283	2453	
C.V. %	8	1	7	2	5	0	8	8	8
LSD (0.05)	399	0.6	1.2	2	2	1	241	205	159
Average	3874	53.5	12.4	94	27	159	2980	3047	3663
Highest	4604	61.1	14.8	98	30	162	3455	3427	3972
Lowest	3176	51.2	11.0	81	23	156	2283	2453	3120

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Agronomic Information

Planting Date: 4/12/2016
Harvest Date: 8/24/2016
Seeding Rate (lbs/acre): 90
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 57
 P (ppm-bicarb) 2-ft sample 69
 S (lb/ac) 2-ft sample 19
 pH (top six inches) 5.78
Herbicide:
Huskie & Tilt applied on 5/6

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: 100#N, 15#P, 20#S.
- 3.** Stripe rust was not an issue.

Cooperator: J. Penner