

2016 WSU Variety Testing Spring Barley, St. John

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	4813	53.6	12.9	97	33	161	3691	3980	4265
LCS Odyssey	4742	52.8	12.1	98	28	163	3785	4112	
Oreana (BZ509-448)	4531	53.0	12.3	98	27	163	3547		
Lyon	4480	53.4	12.9	96	29	160	3856	4112	4409
Muir	4479	53.1	13.6	97	30	161	3790	4070	4254
CDC Copeland	4430	52.2	11.7	96	35	165	3132	3751	4242
Champion	4334	53.9	13.3	97	32	161	3470	3920	4231
LCS Genie	4316	52.8	12.2	97	26	164	3251	3703	
LCS Vespa	4120	52.8	12.9	97	25	162	3286	3656	4137
Claymore (BZ509-216)	4103	52.7	13.0	97	32	163	3379		
Bob	4061	53.5	13.6	97	32	161	3514	3787	4029
LCS Westminster	3973	52.8	13.1	97	29	162			
Havener (09WA-265.5)	3654	60.9	13.7	82	32	164	2591	2884	
EXPERIMENTAL LINES									
2Ab08-X05M010-82	5015	52.8	12.3	95	29	162			
10WA-106.18	4732	53.9	12.9	97	32	161	3858	4269	
BZ 509-601	4487	54.2	13.1	97	30	162			
11WA-107.58	4350	54.2	12.8	98	31	161			
12WA-120.14	4341	52.1	13.5	98	32	163			
12WA-120.17	4326	52.6	12.3	98	34	163			
10WA-117.17	4293	52.8	12.1	97	34	164			
11WA-105.11	4237	53.2	13.7	97	30	163			
10WA-106.20	4209	53.9	12.4	98	30	161			
07MWA-202	4201	53.6	12.8	97	31	161	3435		
07MWA-203	4115	53.2	13.2	98	31	160	3527		
11WA-107.43	4048	53.5	13.5	97	29	161			
07MWA-204	4016	53.3	14.2	97	32	161	3311		
10WA-117.24	3929	52.4	13.3	97	33	164			
10WA-105.C	3656	52.3	13.6	97	29	161			
2Ab09-X06F058HL-31	3526	57.8	15.6	92	30	164	2665	3023	
X05013-T1	3448	59.7	14.7	92	31	164	2655	2970	
C.V. %	7	1	6	1	5	0	7	8	8
LSD (0.05)	396	0.6	1.1	1	2	1	305	265	242
Average	4232	53.8	13.1	96	31	162	3375	3711	4224
Highest	5015	60.9	15.6	98	35	165	3858	4269	4409
Lowest	3448	52.1	11.7	82	25	160	2591	2884	4029

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Agronomic Information

Planting Date: 4/18/2016
Harvest Date: 8/16/2016
Seeding Rate (lbs/acre): 90
Previous Crop: Winter Wheat
Spring soil test:
 N (lb/ac) 4-ft sample 167
 P (ppm-bicarb) 2-ft sample 100
 S (lb/ac) 2-ft sample 47
 pH (top six inches) 5.26
Herbicide:
Huskie & Tilt applied on 5/25

Trial Notes:

- 1.** The St. John nursery was located about 3 miles east of St. John, WA. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.
- 3.** Soil test was taken after planting.

Cooperator: M. Mills