WASHINGTON STATE UNIVERSITY EXTENSION

2015 WSU Variety Testing Spring Barley, Farmington

Variety Name *Hulless Italicized*	2015 YIELD (LBS/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLUMP (%)	PLANT HT	HEAD DATE	2 Year AVERAGE (BU/A)	3 Year AVERAGE (BU/A)	5 Year AVERAGE (BU/A)
RELEASED VARIETIES									
LCS Odyssey	**5883**	50.4	11.4	95	28	170	5176	5383	
Lyon	**5712**	52.5	12.1	92	30	167	5422	5641	5185
Oreana (BZ509-448)	5608	51.6	12.0	90	27	169			
LCS Vespa	5606	51.3	12.5	87	29	170	5087	5266	
LCS Overture	5532	49.5	11.0	94	27	171	5303	5390	
Claymore (BZ509-216)	5509	50.4	12.0	82	34	168			
Muir (07WA-601.6)	5423	51.7	11.6	88	29	167	5261	5363	4935
Lenetah	5401	52.4	12.5	92	31	171	5524	5586	4880
Champion	5371	53.1	12.4	91	34	167	5245	5625	5042
LCS Genie	5215	50.5	11.8	93	27	171	4844	5328	
Baronesse	5189	51.6	12.4	92	29	169	4825	5111	4781
RWA 1758	5084	51.7	12.6	90	30	168	4837		
Bob	4931	53.1	12.0	96	33	167	4856	5098	4573
CDC Copeland	4909	49.8	12.5	85	33	169	4798	5083	4638
CDC Kindersley	4699	50.8	13.0	78	31	167			
Havener (09WA-265.5)	4463	**59.6**	13.9	47	31	170	3911	4207	
AC Metcalfe	4359	51.2	13.4	94	33	168	4157	4551	
Meresse	3751	55.8	16.0	61	30	167	3563	3664	3289
EXPERIMENTAL LINES									
07MWA-202	**5610**	52.5	13.2	93	32	159			
07MWA-203	5510	53.2	12.4	95	32	167			
07MWA-206	5472	52.5	13.2	92	33	167			
07MWA-201	5446	52.9	12.8	96	33	167			
10WA-106.18	5434	52.2	12.4	86	33	167	5331		
07MWA-204	5355	52.4	12.7	94	32	169			
2Ab07-X031098-31	5313	50.1	12.7	84	33	167	4273	4558	
09WA-228.13	5259	53.0	12.3	91	32	167	5131	5517	
NSL09-1820A	5259	51.5	12.5	95	29	171			
2Ab04-X01084-27	5100	47.1	12.6	90	27	171	4686	4991	4644
09WA-203.21	5041	51.9	12.6	91	30	168	4798		
2Ab09-X06F084-51	4602	49.7	13.7	87	32	168			
09WA-265.12	4381	**60.1**	13.4	65	33	159	4203		
X05013-T1	4272	**59.9**	14.1	80	30	168	4061	4060	
X06G07-T43	4163	52.6	14.6	68	26	173	3693	4027	
X07G30-T131	4086	58.2	15.1	76	32	168	3780		
X0626-T229	4013	56.9	15.1	67	29	166	3373		
2Ab09-X06F058HL-31	3895	57.7	14.8	67	29	168	3602		
C.V. %	5	2	3	5	5	2	8	8	8
LSD (0.10)	270	0.9	0.4	4	2	4	288	228	180
Average	5024	52.8	12.9	85	31	168	4605	4971	4663
Highest	5883	60.1	16.0	96	34	173	5524	5641	5185
Lowest	3751	47.1	11.0	47	26	159	3373	3664	3289

Farmington Spring Barley--Preliminary Data

1. Grain yield in the 2015 Farmington spring barley trial averaged 5024 lbs/acre, slightly more than the five-year average. The Farmington nursery was located about four miles south of Farmington, WA (B. Nelson, Cooperator). All yield, test weight, and protein values within the 10% LSD range of the highest value are shown in bold.

2. This nursery was seeded on April 17, 2015 following winter wheat. Seeding rate was 90#/acre and base fertilizer was 90#N, 20#P and 20#S per acre. Soil tests showed 124#N, 31#P and 6#S. No additional fertilizer was applied.

3. This trial was treated with Tilt fungicide on May 21st, and stripe rust was not a factor.