

2015 WSU Variety Testing Spring Barley, Walla Walla

Variety Name <i>Hulless Italicized</i>	2015						2 Year	3 Year	5 Year
	YIELD (LBS/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLUMP (%)	PLANT HT	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
LCS Vespa	5641	53.7	13.0	77	31	0	4310	5121	
Oreana (BZ509-448)	5502	53.9	13.5	63	32	0			
Claymore (BZ509-216)	5492	51.7	13.9	63	39	0			
LCS Overture	5300	50.6	13.0	79	32	0	3935	4819	
LCS Odyssey	5258	52.2	12.5	88	31	0	3940	4788	
Lenetah	5074	55.0	12.6	84	37	7	4026	4424	4750
LCS Genie	4963	52.9	13.1	82	30	0	3765	4792	
Bob	4941	53.9	14.2	82	38	0	3949	4430	4476
CDC Kindersley	4894	52.6	14.0	65	36	0			
Lyon	4880	53.5	13.9	66	37	30	3915	4261	4551
RWA 1758	4638	53.6	15.0	71	35	28	3487		
Champion	4533	54.5	13.4	67	35	10	3670	4257	4634
AC Metcalfe	4385	53.9	14.7	87	39	0	3216	3899	
CDC Copeland	4362	51.1	13.7	76	41	0	3210	4064	4389
Muir (07WA-601.6)	4283	53.0	14.0	74	37	37	3599	4216	4411
Baronesse	4209	53.4	13.7	75	38	28	3714	4097	4303
Meresse	3920	58.4	15.8	71	34	0	3109	3430	3758
Havener (09WA-265.5)	3886	61.1	13.9	63	37	20	3033	3545	
EXPERIMENTAL LINES									
NSL09-1820A	5127	51.7	13.8	80	33	0			
2Ab09-X06F084-51	5024	51.3	14.1	64	36	0			
09WA-228.13	4975	54.7	12.9	76	37	17	3661	4197	
2Ab04-X01084-27	4935	50.4	14.3	76	32	0	4036	4470	4438
07MWA-204	4917	53.3	14.2	78	36	15			
09WA-203.21	4774	53.8	12.9	68	35	0	4071		
10WA-106.18	4755	54.4	13.4	62	37	17	4001		
07MWA-203	4618	53.5	13.8	78	36	17			
2Ab07-X031098-31	4605	52.6	14.7	74	36	0	3491	4252	
07MWA-202	4531	53.5	14.5	71	37	28			
07MWA-206	4316	53.8	13.6	80	36	23			
07MWA-201	4058	54.0	14.3	78	36	0			
09WA-265.12	3991	60.2	14.7	58	36	13	3422		
X06G07-T43	3896	55.8	15.4	64	27	0	3102	3600	
X0626-T229	3864	57.7	16.0	64	34	12	3116		
X07G30-T131	3793	59.2	15.6	73	39	20	2974		
X05013-T1	3748	59.9	15.7	73	35	0	2886	3714	
2Ab09-X06F058HL-31	3628	59.1	15.5	75	35	0	2998		
C.V. %	9	2	5	10	6	163	11	10	11
LSD (0.10)	438	1.0	0.8	8	2	15	322	262	218
Average	4603	54.4	14.1	73	35	9	3563	4230	4412
Highest	5641	61.1	16.0	88	41	37	4310	5121	4750
Lowest	3628	50.4	12.5	58	27	0	2886	3430	3758

Walla Walla Spring Barley--Preliminary Data

1. Grain yield in the 2015 Walla Walla spring barley trial averaged 4603 lbs/acre, similar to the five-year average. The Walla Walla nursery was located about five miles south of Waitsburg, WA (G. Smith, Cooperator). All yield and test weight values within the 10% LSD range of the highest value are shown in bold.

2. This nursery was seeded on March 13, 2015 following winter wheat. Seeding rate was 80#/acre and base fertilizer was 110#N, 12#P and 15#S per acre. Soil tests showed 126#N, 17#P and 8#S. No additional fertilizer was applied.

3. This trial was treated with fungicide and stripe rust was not a factor.