

2015 WSU Variety Testing Spring Barley, St. John

Variety Name <i>Hulless Italicized</i>	2015						2 Year	3 Year	5 Year
	YIELD (LBS/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLUMP (%)	PLANT HT	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
Lyon	3232	49.3	14.0	76	26	160	3928	4383	4766
Muir (07WA-601.6)	3100	47.6	13.5	65	27	162	3866	4308	4598
Bob	2967	48.4	14.6	71	30	162	3650	4052	4227
LCS Odyssey	2829	44.3	13.2	78	24	162	3796	4239	
RWA 1758	2761	47.0	14.5	61	25	162	3561		
LCS Overture	2702	44.0	13.1	80	25	163	3589	4183	
Claymore (BZ509-216)	2654	46.2	14.7	60	32	162			
Champion	2606	49.0	13.8	63	28	162	3713	4221	4686
Lenetah	2569	48.8	14.2	67	25	164	3563	4004	4538
Oreana (BZ509-448)	2563	49.6	14.2	73	23	163			
CDC Kindersley	2517	46.3	14.8	47	28	163			
Baronesse	2505	45.4	15.2	60	26	164	3506	4098	4556
LCS Vespa	2452	46.0	14.0	45	24	162	3424	4122	
LCS Genie	2186	47.5	14.0	75	25	164	3396	4109	
AC Metcalfe	2017	46.5	15.7	73	29	164	2889	3603	
CDC Copeland	1834	41.7	15.6	54	30	166	3411	4181	4479
Meresse	1760	50.4	17.0	33	26	163	2509	2885	3196
Havener (09WA-265.5)	1528	49.4	16.1	13	26	165	2499	3205	
EXPERIMENTAL LINES									
10WA-106.18	2984	49.1	14.1	44	27	162	4038		
07MWA-203	2939	48.5	14.2	69	27	162			
2Ab07-X031098-31	2798	44.4	15.6	48	31	164	3879	4182	
09WA-228.13	2774	50.6	13.7	63	27	163	3683	4198	
07MWA-206	2762	47.7	14.5	60	28	162			
07MWA-202	2669	46.3	14.3	51	28	162			
07MWA-204	2606	48.1	14.7	78	28	163			
07MWA-201	2574	47.8	14.8	71	27	162			
NSL09-1820A	2420	46.9	15.1	83	25	165			
09WA-203.21	2310	46.8	13.9	68	25	164	3482		
2Ab04-X01084-27	2182	39.8	15.6	61	24	164	3174	3878	4220
X07G30-T131	2144	52.7	16.4	30	28	164	2597		
X0626-T229	2047	54.4	16.2	17	24	161	2799		
X06G07-T43	1999	47.4	17.1	36	27	164	2687	3121	
09WA-265.12	1957	53.4	15.7	19	30	164	2760		
X05013-T1	1862	54.2	17.1	14	27	164	2731	3281	
2Ab09-X06F058HL-31	1804	54.3	16.8	22	24	165	2772		
2Ab09-X06F084-51	1776	46.2	16.7	48	28	164			
C.V. %	10	3	4	22	8	0	9	9	11
LSD (0.10)	255	1.4	0.6	13	2	1	210	206	192
Average	2428	47.9	15.0	55	27	163	3304	3908	4363
Highest	3232	54.4	17.1	83	32	166	4038	4383	4766
Lowest	1528	39.8	13.1	13	23	160	2499	2885	3196

St. John Spring Barley--Preliminary Data

1. Grain yield in the 2015 St. John spring barley trial averaged 2428 lbs/acre, well below the 5-year average. The St. John nursery was located about four miles east of St. John, WA (M. Mills, 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 April 16, 2015 following winter wheat. Seeding rate was 90#/acre and base fertilizer was 70#N and 10#S per acre. Soil tests showed 125#N, 19#P and 5#S. No additional fertilizer was applied.

3. No fungicide was applied and stripe rust was not a factor.

4. There was a fair amount of variation in the trial, and yields were well below normal. Given the below average yields, this trial may not accurately predict future performance, but it does seem to represent the year we've had.