

2018 WSU Variety Testing Spring Barley Trial, Mayview

Variety Name <i>Hulless Italicized</i>	2018					2 Year	3 Year	5 Year*
	Yield (Lbs/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Plump (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties								
LCS Opera	5360	51.1	11	26	86			
LCS Vespa	5040	52.6	11	28	94	4320	4310	4230
LCS Sienna	5030	54.6	9	27	96			
Lyon	4880	53.2	11	29	94	4120	4140	4000
LCS Genie	4820	53.9	10	26	95	4150	4230	4040
Altorado	4780	52.4	11	30	84	4010	3940	
Lenetah	4730	53.9	11	31	94	4100	4240	4080
Oreana	4700	53.1	11	26	91	3950	4130	
LCS Odyssey	4670	51.8	11	26	93	3830	3940	3940
Claymore	4620	52.5	11	31	89	3790	3810	
Champion	4500	55.4	10	32	92	4100	3970	3910
Muir	4340	52.9	11	30	93	3650	3560	3580
CDC Copeland	4020	48.8	11	33	84	3210	3290	3280
Havener	3690	57.6	12	31	80	3330	3260	3060
Survivor	3650	53.2	13	31	96	3250	3490	
Meg's Song (X05013-T1)	3560	54.3	14	30	85			
Experimental Lines								
11WA-107.58	4760	55.2	11	30	96	4020	3910	
11WA-107.43	4720	54.4	12	30	93	4030	3840	
13WA-149.2	4370	54.0	11	30	94			
12WA-120.14	4340	52.2	12	32	93	3900	3350	
13WA-101.2	4340	52.0	12	32	91			
12WA-120.23	4250	51.6	13	31	89	3830		
11WA-107.36	4130	53.4	13	31	93	3800		
BZ 512-319	3890	49.5	11	32	88			
C.V. %	6	1.2	7	5	3	8	8	7
LSD (0.05)	390	0.9	1	2	4	300	250	160
Average	4470	53.1	11	30	91	3860	3840	3790
Highest	5360	57.6	14	33	96	4320	4310	4230
Lowest	3560	48.8	9	26	80	3210	3260	3060

Agronomic Information

Planting Date:	4/24/2018
Harvest Date:	8/22/2018
Seeding Rate (seeds/ft ²):	20
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	63
P (ppm-bicarb) 2-ft sample	74
S (lb/ac) 2-ft sample	24
pH (top 6 inches)	5.1

Trial Notes:

1. The Mayview nursery was located about 20 miles northeast of Pomeroy, WA.
2. The nursery was fertilized at 93N 17P 24S.
3. Overall yield was 40% more than 2017, and grain test weight was 0.3 lb/bu more than last year.

Cooperator: R. & R. Koller

* 5-year average from 2018, 2017, 2016, 2015, 2013

Herbicide:

Huskie, Tilt on 06/01/18