

2020 WSU Variety Testing Spring Barley Trial, St. John

Variety Name <i>Hulless Italicized</i>	2020						2 Year	3 Year	5 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Plump (%)	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties									
Oreana	6090	54.1	10.2	--	--	96	6010	5620	4790
LCS Opera	6050	53.3	10.0	--	--	95	5800	5950	
Claymore	6010	53.4	10.2	--	--	88	5880	5800	4830
KWS Jessie	5790	52.9	10.2	--	--	96			
KWS Chrissie	5780	53.6	10.2	--	--	96			
Lyon	5590	53.7	10.0	--	--	93	5310	5190	4660
LCS Odyssey	5580	53.4	10.4	--	--	97	5490	5180	4620
KWS Fantex	5550	52.9	10.0	--	--	91			
Charger (BZ512-319)	5520	54.7	9.5	--	--	90			
Lenetah	5400	55.6	10.5	--	--	98	5350	5290	4650
Altorado	5390	54.7	10.5	--	--	94	5210	5180	
LCS Diablo	5360	52.1	10.1	--	--	96			
KWS Amadora	5360	53.8	10.4	--	--	96			
Palmer	4880	53.5	11.8	--	--	95	4850	4920	
Meg's Song	4600	60.3	12.8	--	--	87	4520	4250	3610
Survivor	4560	55.1	11.6	--	--	97	4530	4520	4120
Havener	4520	61.2	11.0	--	--	72	4160	4250	3590
Experimental Lines									
HO516-579	6170	54.6	10.2	--	--	87			
12WAM-122.3	5590	52.0	10.8	--	--	90			
13WAM-136.1	5340	52.3	10.5	--	--	89	5170		
11WAM-112.20	5250	54.3	10.7	--	--	91			
10WAM-106.8	5170	55.6	10.4	--	--	97			
14WAIF-3616.7	4840	53.9	11.4	--	--	98			
10WAN-106.19	4470	60.2	11.7	--	--	82			
C.V. %	8	0.9	4.3	--	--	3	9	9	9
LSD (0.05)	680	0.9	0.8	--	--	4	520	440	290
Average	5370	54.6	10.6	--	--	92	5190	5100	4360
Highest	6170	61.2	12.8	--	--	98	6010	5950	4830
Lowest	4470	52.0	9.5	--	--	72	4160	4250	3590

Agronomic Information

Planting Date:	3/27/2020
Harvest Date:	8/12/2020
Seeding Rate (seeds/ft ²):	20
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	90
P ₂ O ₅ (lb/ac) 2-ft sample	113
S (lb/ac) 2-ft sample	15
pH (top 6 inches)	5.25

Trial Notes:

1. The St. John nursery was located about 3 miles E of St. John, WA.
2. Overall yield was 8% greater than 2019 and test weight was 1.4 lb/bu less.

Herbicide:

Cooperator Rod Mills