

2020 WSU Variety Testing Spring Barley Trial, Reardan

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									
LCS Diablo	7050	51.5	11.1	--	--	98			
KWS Amadora	6450	52.6	11.9	--	--	94			
Lenetah	5790	54.0	11.9	--	--	97	4290	3850	4000
LCS Odyssey	5620	52.5	12.1	--	--	97	4240	3600	4070
Lyon	5470	51.9	12.6	--	--	96	3880	3530	3720
KWS Chrissie	5440	53.2	11.3	--	--	97			
KWS Jessie	5340	52.2	11.6	--	--	97			
Oreana	5300	53.6	12.4	--	--	96	4060	3710	3980
KWS Fantex	5260	52.5	12.4	--	--	96			
Charger (BZ512-319)	5240	53.3	11.9	--	--	90			
Claymore	5220	53.0	12.1	--	--	93	3940	3600	3870
Altorado	5210	52.6	12.3	--	--	92	3930	3610	3810
LCS Opera	5210	52.6	11.1	--	--	96	4180	3850	
Havener	4680	60.1	13.9	--	--	83	3280	3000	3150
Palmer	4510	51.0	14.0	--	--	96	3370	3080	3490
Survivor	4360	53.6	13.7	--	--	97	3480	3190	3460
Meg's Song	4290	58.3	14.7	--	--	89	3190	2810	
Experimental Lines									
HO516-579	5310	53.5	11.6	--	--	90			
10WAM-106.8	5250	54.2	11.6	--	--	96			
12WAM-122.3	5250	50.3	12.4	--	--	96			
14WAIF-3616.7	5240	52.7	12.8	--	--	95			
11WAM-112.20	5110	53.6	12.2	--	--	91			
13WAM-136.1	4880	51.0	12.3	--	--	95	3680		
10WAN-106.19	3940	58.4	12.7	--	--	81			
C.V. %	7	1.8	3.3	--	--	2	8	8	8
LSD (0.05)	630	1.6	0.7	--	--	3	400	290	230
Average	5230	53.4	12.4	--	--	94	3790	3440	3650
Highest	7050	60.1	14.7	--	--	98	4290	3850	4070
Lowest	3940	50.3	11.1	--	--	81	3190	2810	2930

Agronomic Information

Planting Date:	4/15/2020
Harvest Date:	9/4/2020
Seeding Rate (seeds/ft ²):	20
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	97
P ₂ O ₅ (lb/ac) 2-ft sample	354
S (lb/ac) 2-ft sample	31
pH (top 6 inches)	4.85

Trial Notes:

1. The Reardan nursery was located about 7 miles W of Reardan, WA.
2. Overall yield was 104% greater than 2019 and test weight was 3.7 lb/bu more.

Herbicide:

Cooperator Hal Johnson