

2020 WSU Variety Testing Spring Barley Trial, Fairfield

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									
KWS Jessie	6480	53.3	10.2	--	--	99			
Oreana	6070	54.0	9.4	--	--	97	5100	4820	
KWS Chrissie	5740	53.2	9.3	--	--	98			
KWS Amadora	5730	54.1	9.4	--	--	99			
LCS Diablo	5720	51.3	9.1	--	--	98			
Lyon	5680	53.8	9.9	--	--	98	4850	4590	4020
Altorado	5400	53.6	9.8	--	--	95	5000	4810	
LCS Opera	5310	53.0	9.5	--	--	98	5090	4920	
Lenetah	5290	54.9	10.4	--	--	99	4860	4530	3960
Charger (BZ512-319)	5270	54.0	9.5	--	--	96			
Claymore	5260	53.4	9.8	--	--	97	4600	4280	
LCS Odyssey	5220	53.3	9.8	--	--	99	4700	4490	4020
KWS Fantex	4970	52.7	9.7	--	--	98			
<i>Havener</i>	4630	60.8	10.5	--	--	77	3410	3450	3130
<i>Meg's Song</i>	3930	60.4	11.6	--	--	91	3560	3490	
Palmer (11WA-107.43)	3840	51.7	11.3	--	--	96	4010	4050	
Survivor	3110	52.8	12.0	--	--	99	3710	3520	
Experimental Lines									
HO516-579	6160	54.8	10.0	--	--	94			
10WAM-106.8	5260	54.8	9.7	--	--	98			
14WAIF-3616.7	4620	53.1	10.3	--	--	99			
12WAM-122.3	4610	52.5	9.9	--	--	97			
13WAM-136.1	4580	52.2	9.6	--	--	97	4450		
11WAM-112.20	4350	53.5	10.7	--	--	96			
10WAN-106.19	3350	58.7	11.9	--	--	87			
C.V. %	8	1.1	5.4	--	--	2	11	10	10
LSD (0.05)	670	1.0	0.9	--	--	4	580	410	290
Average	5020	54.2	10.1	--	--	96	4440	4270	3700
Highest	6480	60.8	12.0	--	--	99	5100	4920	4020
Lowest	3110	51.3	9.1	--	--	77	3410	3450	3130

Agronomic Information

Planting Date:	4/16/2020
Harvest Date:	9/9/2020
Seeding Rate (seeds/ft ²):	23
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	110
P ₂ O ₅ (lb/ac) 2-ft sample	263
S (lb/ac) 2-ft sample	18
pH (top 6 inches)	5.21

Trial Notes:

1. The Fairfield nursery was located about 3.5 miles E of Fairfield, WA.
2. Overall yield was 21% greater than 2019 and test weight was 2.0 lb/bu more.
3. The nursery was fertilized prior to seeding with 90N, 20P, 20S.

Herbicide: Axial, Huskie, and Tilt on 5/27

Cooperator David Degon