

2020 WSU Variety Testing Spring Barley Trial, Endicott

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 Chrissie	6220	51.8	10.1	--	--	92			
KWS Jessie	6190	52.4	9.9	--	--	97			
LCS Opera	6170	52.3	9.9	--	--	96	5330		
KWS Fantex	6050	51.8	10.2	--	--	93			
Lyon	5730	50.4	11.0	--	--	93	4940	4240	
KWS Amadora	5700	51.8	10.4	--	--	96			
Lenetah	5690	53.9	10.3	--	--	96	4790	4080	
Oreana	5680	52.6	10.9	--	--	97	4710	4030	
Claymore	5680	51.5	10.6	--	--	89	4930	4090	
LCS Diablo	5610	49.4	10.4	--	--	95			
Altorado	5540	50.0	10.9	--	--	88	4810	4180	
LCS Odyssey	5520	50.9	10.6	--	--	97	4370	3820	
Charger (BZ512-319)	5300	52.8	10.1	--	--	90			
Palmer	5120	51.9	11.3	--	--	97	4570	4020	
Survivor	5050	53.2	11.1	--	--	98	4280	3710	
Havener	4560	57.7	12.0	--	--	67	3890	3380	
Meg's Song	4460	57.4	13.1	--	--	88	3610		
Experimental Lines									
HO516-579	5790	53.7	10.4	--	--	89			
12WAM-122.3	5720	50.9	11.1	--	--	95			
13WAM-136.1	5630	50.8	10.9	--	--	94			
10WAM-106.8	5340	53.5	10.7	--	--	95			
11WAM-112.20	5210	52.0	10.8	--	--	91			
14WAIF-3616.7	4980	51.5	10.5	--	--	95			
10WAN-106.19	4330	57.4	12.1	--	--	82			
C.V. %	5	1.7	2.9	--	--	2	7	7	
LSD (0.05)	440	1.5	0.5	--	--	3	370	290	
Average	5470	52.6	10.8	--	--	92	4570	3950	
Highest	6220	57.7	13.1	--	--	98	5330	4240	
Lowest	4330	49.4	9.9	--	--	67	3610	3380	

Agronomic Information

Planting Date:	3/24/2020
Harvest Date:	8/11/2020
Seeding Rate (seeds/ft ²):	20
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	209
P ₂ O ₅ (lb/ac) 2-ft sample	254
S (lb/ac) 2-ft sample	15
pH (top 6 inches)	5.56

Herbicide:

Trial Notes:

1. The Endicott nursery was located about 3.5 miles SW of Endicott, WA.
2. Overall yield was 47% greater than 2018 (2019 data not published) and test weight was 1.7 lb/bu more.

Cooperator M. Miller

* 2 year average from 2020 and 2018

* 3 year average from 2020, 2018, and 2017