

### 2020 WSU Variety Testing Spring Barley Trial, Dayton

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)
<b>Released Varieties</b>									
KWS Chrissie	5460	52.4	10.7	--	--	92			
KWS Jessie	5380	51.3	10.5	--	--	93			
KWS Fantex	5320	51.3	11.0	--	--	90			
LCS Diablo	5250	49.6	10.4	--	--	92			
Oreana	4980	51.6	11.3	--	--	91	4710	4380	3990
LCS Opera	4940	50.6	10.9	--	--	89	4780	4630	
Lenetah	4940	53.6	10.6	--	--	95	4870	4550	4280
LCS Odyssey	4900	51.8	10.5	--	--	93	4590	4300	3870
KWS Amadora	4890	51.9	10.4	--	--	93			
Altorado	4840	51.7	10.7	--	--	81	4720	4550	4060
Lyon	4550	51.3	10.6	--	--	86	4390	4260	3950
Claymore	4470	52.0	10.3	--	--	84	4360	4260	3830
Charger (BZ512-319)	4300	52.4	10.8	--	--	80			
Palmer (11WA-107.43)	4140	50.5	11.6	--	--	85	4140	3960	3730
Survivor	4120	53.3	12.1	--	--	94	4200	3970	3630
Meg's Song	4040	56.0	13.2	--	--	79	3960	3570	
Havener	3810	60.1	11.8	--	--	69	3750	3610	3280
<b>Experimental Lines</b>									
HO516-579	5210	52.0	11.2	--	--	74			
10WAM-106.8	4560	53.2	11.0	--	--	88			
12WAM-122.3	4530	49.3	11.9	--	--	76			
14WAIF-3616.7	4450	51.9	11.6	--	--	92			
13WAM-136.1	4310	49.2	11.6	--	--	77	4520		
11WAM-112.20	4210	50.6	11.4	--	--	77			
10WAN-106.19	3610	58.0	13.3	--	--	80			
C.V. %	6	1.4	4.3	--	--	5	7	7	7
LSD (0.05)	470	1.3	0.8	--	--	6	360	280	200
Average	4630	52.3	11.2	--	--	85	4420	4190	3810
Highest	5460	60.1	13.3	--	--	95	4870	4630	4280
Lowest	3610	49.2	10.3	--	--	69	3750	3570	3280

#### Agronomic Information

Planting Date:	3/27/2020
Harvest Date:	8/13/2020
Seeding Rate (seeds/ft <sup>2</sup> ):	20
Previous Crop:	
Spring soil test:	
N (lb/ac) 4-ft sample	188
P <sub>2</sub> O <sub>5</sub> (lb/ac) 2-ft sample	175
S (lb/ac) 2-ft sample	15
pH (top 6 inches)	5.36

#### Trial Notes:

1. The Dayton nursery was located about 6 miles NW of Dayton, WA.
2. Overall yield was 7% higher than 2019 and test weight was 2.3 lb/bu less.

Herbicide:

Cooperator Jay Penner