

2019 WSU Variety Testing Spring Barley Trial, Dayton

Variety Name <i>Hulless Italicized</i>	2019						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>									
Lenetah	4800	54.3	11.9	24	--	97	4360	3950	3700
LCS Genie	4770	54.2	11.5	22	--	97	4240	3630	3450
LCS Opera	4630	54.3	11.2	22	--	97	4470		
Altorado	4600	50.3	11.9	23	--	94	4400	3760	
Champion	4600	55.3	12.8	25	--	95	4300	3810	3530
Muir	4560	53.7	12.2	23	--	95	4280	3710	3500
LCS Vespa	4540	53.8	12.8	24	--	97	4200	3800	3590
Oreana	4430	53.8	11.9	22	--	96	4080	3530	3430
Survivor	4280	54.7	11.9	24	--	97	3890	3480	3280
LCS Odyssey	4280	53.1	12.4	22	--	97	4000	3500	3310
Claymore	4250	53.0	12.4	24	--	93	4160	3560	3400
Lyon	4240	54.2	12.8	24	--	96	4120	3650	3570
AAC Connect	4220	52.5	12.5	24	--	89			
CDC Copeland	4170	52.1	12.1	25	--	95	3830	3170	2860
Palmer (11WA-107.43)	4140	53.0	12.6	25	--	96	3880	3530	
Meg's Song	3870	62.5	14.3	24	--	89	3340		
Havener	3690	63.6	13.0	22	--	85	3500	3110	2860
<b>Experimental Lines</b>									
13WAM-136.1	4730	52.4	12.3	25	--	92			
13WAM-149.6	4680	52.5	11.7	20	--	91			
13WAM-135.3	4610	54.3	12.9	24	--	94			
13WAM-140.2	4340	54.8	13.1	24	--	90			
BZ 512-319	4190	54.2	11.6	24	--	90	3810		
12WA-120.14	4120	52.8	12.5	24	--	97	3940	3580	
12WAN-106.12	3500	61.8	13.4	23	--	90			
<b>C.V. %</b>	8	0.8	4.5	5	--	2	7	7	7
<b>LSD (0.05)</b>	470	0.6	0.8	1	--	3	290	210	160
<b>Average</b>	4340	54.6	12.4	23	--	94	4040	3580	3370
<b>Highest</b>	4800	63.6	14.3	25	--	97	4470	3950	3700
<b>Lowest</b>	3500	50.3	11.2	20	--	85	3340	3110	2860

**Agronomic Information**

Planting Date:  
 Harvest Date:  
 Seeding Rate (seeds/ft<sup>2</sup>):  
 Previous Crop:  
 Spring soil test:  
     N (lb/ac) 4-ft sample  
     P (ppm-bicarb) 2-ft sample  
     S (lb/ac) 2-ft sample  
     pH (top 6 inches)

Herbicide:

**Trial Notes:**

3. Overall yield was 16% greater than 2018 and grain test weight was 5.9 lb/bu more than last year.

Cooperator