

2022 WSU Variety Testing Spring Barley Trial Summary

Precipitation Zone - >20"

Variety Name (Malt Italicized)	FAIRFIELD	FARMINGTON	PALOUSE	PULLMAN	AVERAGE	FAIRFIELD	FARMINGTON	PALOUSE	PULLMAN	AVERAGE	FAIRFIELD	FARMINGTON	PALOUSE	PULLMAN	AVERAGE
	Yield (Bu/A)					Test Wt (Lbs/Bu)					Protein (%)				
Released Varieties															
<i>KWS Willis</i>	4620	6890	7080	6170	6070	50.1	50.2	51.2	47.2	50.5	10.9	10.2	10.1	--	10.4
Claymore	4570	6590	6510	4910	6000	50.9	51.5	53.0	45.9	51.8	11.0	10.7	10.4	--	10.6
<i>BC Lexy</i>	4580	6780	6250	5970	5960	49.8	50.0	51.4	46.1	50.4	10.8	9.3	10.2	--	9.8
<i>KWS Jessie</i>	4610	6690	6470	6610	5950	50.9	51.3	50.8	48.3	51.0	10.8	9.4	10.4	--	10.3
<i>KWS Amadora</i>	4350	6330	6380	5970	5810	52.6	51.2	52.2	48.8	52.1	11.0	9.7	10.6	--	10.3
Altorado	4570	6630	6500	5420	5810	51.6	52.8	53.9	48.1	52.8	11.5	9.8	11.2	--	11.1
Oreana	4550	5920	6520	6030	5730	52.1	52.0	52.6	48.3	52.2	11.8	10.5	10.8	--	11.0
<i>BC Ellinor</i>	4190	6610	6130	5640	5710	49.9	48.6	50.5	44.8	49.7	12.0	9.7	10.8	--	10.8
<i>BC Leandra</i>	4260	6230	6450	5760	5680	49.6	49.6	51.0	45.0	50.1	11.7	10.0	10.6	--	10.9
Lyon	4520	6480	5930	5700	5640	51.7	51.9	52.9	49.9	52.1	11.6	10.3	10.8	--	10.8
<i>LCS Opera</i>	4260	6790	5720	5600	5540	49.7	50.3	51.3	42.4	50.3	11.3	9.9	9.6	--	10.4
<i>LCS Odyssey</i>	4060	6810	6180	5510	5540	52.0	50.5	51.7	44.8	51.4	11.9	10.0	10.9	--	10.8
Lenetah	4580	5720	6020	4780	5330	52.9	52.2	53.8	48.6	53.1	11.1	11.1	11.0	--	11.2
<i>Palmer</i>	4180	5910	5560	4620	5200	51.5	51.1	52.9	48.2	51.8	12.7	11.3	11.9	--	11.9
<i>CDC Copeland</i>	3950	6180	5730	3960	5200	50.7	51.2	52.1	43.7	51.4	11.7	10.0	10.8	--	10.8
Survivor	3890	5680	5830	4550	5160	51.9	52.9	53.1	49.3	52.6	12.4	10.7	12.3	--	11.7
<i>ACC Synergy</i>	3950	5920	5570	4830	5060	50.4	49.9	51.7	48.2	50.7	11.3	10.5	11.3	--	11.2
<i>ACC Connect</i>	3750	5440	5760	4580	4870	51.0	50.3	52.0	47.7	51.1	12.2	11.5	11.6	--	11.8
Experimental Lines															
HO516-579	4480	6610	6240	5450	5790	52.5	51.9	52.5	45.9	52.3	11.3	10.4	10.7	--	10.7
HO516-429	4780	6170	6000	5240	5700	51.9	52.2	53.2	46.1	52.5	11.5	10.2	11.4	--	11.0
<i>14WAIM-3604.29</i>	4140	6160	6200	5210	5580	50.2	51.4	52.2	47.3	51.3	11.8	10.2	10.6	--	10.8
<i>14WAIIF-3613.2</i>	4530	5930	6150	4720	5570	51.9	51.9	53.6	47.4	52.4	11.9	10.7	11.5	--	11.6
<i>14WAIM-3620.68</i>	3420	5770	6310	4030	5230	51.0	52.5	53.7	46.5	52.3	12.7	10.3	11.0	--	11.6
C.V. %	6	6	5	12	8	1.9	1.1	0.8	2.9	1.3	4.3	4.6	3.1	--	5.0
LSD (0.05)	500	690	570	860	400	2.1	1.2	1.0	1.9	0.7	1.1	0.9	0.8	--	0.5
Average	4280	6250	6130	5270	5570	51.1	51.2	52.3	46.9	51.6	11.6	10.3	10.9	--	10.9
Highest	4780	6890	7080	6610	6070	52.9	52.9	53.9	49.9	53.1	12.7	11.5	12.3	--	11.9
Lowest	3420	5440	5510	3960	4870	49.6	48.6	50.5	42.4	49.7	10.8	9.3	9.6	--	9.8

*Some individual locations are analyzed using nearest neighbor analysis due to field variability. Multi-location average analyzed as an RCBD leading to different calculated averages.