

Table 3. 2023 WSU Extension Spring Barley Variety Trial Summary

Precipitation Zone = >20"							
VARIETY	FAIRFIELD	FARMINGTON	PALOUSE	AVERAGE YIELD	2-YR AVG YIELD	AVERAGE TEST WEIGHT	AVERAGE PROTEIN
	-----Yield (Lbs/A)-----				Lb/Bu	%	
MALT							
LCS Diablo	5290	3690	3170	4050	--	47.5	11.0
BC Lexy	4860	3680	3300	3950	5060	48.8	11.0
KWS Jessie	5050	3540	3140	3910	5160	48.9	10.6
KWS Fantex	4750	3590	3040	3790	--	49.1	11.4
KWS Thalís	4620	3170	3410	3730	--	49.9	10.9
BC Leandra	5200	2950	3000	3720	4840	48.8	10.7
AAC Connect	4310	3040	3050	3470	4280	49.0	11.3
KWS Willis†	4610	--	3380	--	--	--	--
FEED							
HO516-429	5680	3370	3530	4200	4970	50.7	10.8
Claymore	5530	3630	3320	4160	5010	50.1	10.5
Lenetah	4690	3920	3320	3970	4720	50.8	10.9
Survivor	4720	3870	3130	3900	4520	51.7	11.0
Oreana	4980	3080	3500	3850	4940	50.5	11.1
Altorado	4900	3270	3380	3850	4950	50.9	10.7
Carleton (HO517-245)	4990	2600	3250	3610	--	50.8	10.1
OSU Successor	3830	2750	3150	3240	--	51.0	10.8
C.V. %	10	11	7	6	7	0.9	3.1
LSD (0.05)	650	510	290	190	160	0.5	0.3
Average	4800	3320	3200	3770	4840	50.0	11.0

†Insufficient seed to replant entry at Farmington.

Precipitation Zone = 16-20"								
VARIETY	DAYTON	MAYVIEW	ST. JOHN	WALLA WALLA	AVERAGE YIELD	2-YR AVG YIELD	AVERAGE TEST WEIGHT	AVERAGE PROTEIN
	-----Yield (Lbs/A)-----				Lb/Bu	%		
MALT								
KWS Willis	3370	2920	4520	5950	4190	4950	50.5	11.3
LCS Diablo	3240	2890	3990	5730	3960	--	49.8	10.8
KWS Fantex	3070	2880	4240	5560	3930	--	51.6	11.6
KWS Thalís	3150	2420	4430	5290	3820	--	52.8	11.3
BC Leandra	3220	2590	4160	5170	3780	4420	51.0	10.9
BC Lexy	3410	2600	4140	4780	3730	4580	51.4	11.3
AAC Connect	3130	2590	3900	4810	3610	3920	51.2	11.6
KWS Jessie	3100	2570	3660	5040	3590	4630	51.8	11.4
Altorado	3190	2850	4680	5600	4080	4660	52.4	11.2
Carleton (HO517-245)	3370	2810	4450	5680	4080	--	52.1	10.6
Oreana	3370	2960	4360	5600	4070	4840	52.6	11.4
Lenetah	3440	2820	4350	5600	4050	4470	52.7	10.8
HO516-429	3110	2980	4800	5250	4030	4670	51.6	11.0
Survivor	3270	3020	4250	5430	3990	4180	52.6	11.3
Claymore	3050	2840	4150	5200	3810	4570	50.9	11.0
OSU Successor	2790	1490	4330	4790	3350	--	53.5	11.8
C.V. %	5.48	9.68	6.66	3.39	5.23506	7.1193	1.0	2.4
LSD (0.05)	240	360	390	250	140	160.0	0.4	0.2
Average	3180	2680	4190	5300	3840	4540.0	51.7	11.3

Precipitation Zone = <16"								
VARIETY	ALMIRA	ENDICOTT	LAMONT	REARDAN	AVERAGE YIELD	2-YR AVG YIELD	AVERAGE TEST WEIGHT	AVERAGE PROTEIN
	-----Yield (Lbs/A)-----				Lb/Bu	%		
MALT								
KWS Fantex	5050	2510	2990	2830	3350	--	52.4	11.5
KWS Willis	4980	2570	3110	2490	3290	3670	51.7	11.2
LCS Diablo	5250	2030	2680	3030	3250	--	51.5	11.5
BC Leandra	4720	2460	2890	2580	3160	3490	51.3	10.8
KWS Thalís	5190	2310	2680	2450	3160	--	53.2	11.2
BC Lexy	4920	2450	2540	2680	3150	3470	52.0	11.5
KWS Jessie	4760	2350	2780	2400	3070	3490	52.3	11.5
AAC Connect	4230	1950	2550	2130	2710	2950	52.0	12.0
Survivor	4760	2830	3310	2600	3370	3610	53.5	11.5
Lenetah	4950	2730	2870	2400	3240	3500	53.4	11.0
HO516-429	4950	2410	2570	2790	3180	3530	52.9	11.1
Altorado	4730	2620	2610	2710	3170	3540	53.3	11.4
Oreana	4840	2150	2880	2690	3140	3600	53.2	11.7
Carleton (HO517-245)	4600	2240	3170	2260	3070	--	52.9	10.2
Claymore	4520	2300	2680	2660	3040	3400	52.0	11.4
OSU Successor	3300	2190	3010	1630	2530	--	53.5	11.5
C.V. %	7	8	6	8	7	6	0.9	2.7
LSD (0.05)	440	260	250	270	150	120	0.3	0.2
Average	4640	2390	2830	2520	3090	3480	52.5	11.4