



2022 OREGON SPRING BARLEY YIELD TRIALS
Klamath Falls (Irrigated)



Site Description: Trial was moderately variable.

Multi-year averages include data from 2022, 2020, and 2019.

Variety	Class	2022 Yield		2-Year		3-Year		4-Year		Best Estimate* Yield lb/ac
		Yield lb/ac	Rank	Yield lb/ac	Rank	Yield lb/ac	Rank	Yield lb/ac	Rank	
KWS Thalix	Malt	4931	1							6177 ± 1089
BC Lexy		4787	3							6033 ± 1089
BC Leandra		4527	4							5773 ± 1089
KWS Willis	Malt	4504	5							5751 ± 1089
KWS Jessie	Malt	4888	2	5067	1					5693 ± 778
Oreana	Feed	4427	6	4931	2					5558 ± 778
LCS Odyssey	Malt	3691	13							5382 ± 761
Altorado	Feed	3911	9	4568	4	5289	1			5289 ± 625
Claymore	Feed	4324	7	4465	5	5228	2			5228 ± 625
LCS Opera	Malt	3735	12	4576	3	5201	3			5201 ± 625
KWS Amadora	Malt	3915	8							5161 ± 1089
MS21-B1		3873	10							5119 ± 1089
HO517-245		3834	11							5080 ± 1089
MS21-B2		3670	14							4916 ± 1089
AAC Connect	Malt	3407	15	3897	6					4524 ± 778
Lenetah	Feed	3281	16							4433 ± 761
BC Ellinore		3150	17							4397 ± 1089
Survivor	Feed	2448	19							4252 ± 761
DH190481	Feed	2767	18							4013 ± 1089
DH190346	Feed	2346	20							3592 ± 1089
	Average	3821		4584		5239				5079
	LSD (0.05)	843								
	CV (%)	15.7								

*Best linear unbiased estimators (BLUEs) are best estimators of variety performance relative to other varieties, based on up to four years of data.



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Variety	Class	Height in	Test Weight lbs/bu	Protein %
KWS Thalix	Malt	29.4	50.4	12.5
BC Lexy		25.9	48.9	12.4
BC Leandra		28.3	48.7	12.9
KWS Willis	Malt	28.8	48.9	12.8
KWS Jessie	Malt	24.9	45.6	13.0
Oreana	Feed	27.7	49.1	12.6
LCS Odyssey	Malt	29.0	47.7	13.4
Altorado	Feed	26.7	49.7	14.3
Claymore	Feed	27.7	48.5	12.9
LCS Opera	Malt	25.5	42.2	13.1
KWS Amadora	Malt	27.6	45.3	13.0
MS21-B1		27.9	50.4	13.6
HO517-245		30.6	47.7	13.5
MS21-B2		28.6	48.9	14.8
AAC Connect	Malt	26.2	51.3	13.8
Lenetah	Feed	29.4	48.5	14.8
BC Ellinore		27.9	49.1	13.8
Survivor	Feed	31.8	47.7	15.9
DH190481	Feed	31.1	48.3	14.4
DH190346	Feed	29.4	48.2	14.7
	Average	28.2	48.3	13.6
	LSD (0.05)	4.9	1.9	0.7
	CV (%)	12.5	2.7	3.6



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Site Description: Trial was moderately variable.

Planting Date: 5-19-2022

Harvest Date: 9-30-2022

Row Spacing: 6"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice