



**2021 OREGON SPRING BARLEY YIELD TRIALS
Kent (Conventional Tillage)**



Site Description: Yields were lower than normal due to drought and high heat during grain fill.

2-year averages include data from 2021 and 2018.

Variety	Class	2021 Yield		2-Year		3-Year		4-Year		Best Estimate* Yield bu/ac
		Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	
Altorado	Feed	1281	2	2381	1					2381 ± 264
KWS Thalix	Malt	1310	1							2215 ± 392
KWS Amadora	Malt	1227	3							2132 ± 392
KWS Willis	Malt	1166	4							2070 ± 392
Lenetah	Feed	1164	5							2069 ± 392
Survivor	Feed	1104	7	2053	2					2053 ± 264
AAC Connect	Malt	1117	6							2022 ± 392
KWS Jessie	Malt	1026	9							1930 ± 392
13WAM-136.1	Malt	1003	10							1907 ± 392
Oreana	Feed	1081	8	1886	3					1886 ± 264
Claymore	Feed	914	11	1844	4					1844 ± 264
KWS Fantex	Malt	901	12							1806 ± 392
14WAIM-3614.1	Malt	801	14							1705 ± 392
LCS Opera	Malt	852	13	1610	5					1610 ± 264
14WAIM-3620.70	Malt	671	15							1576 ± 392
	Average	1041		1955						1947
	LSD (0.05)	220								
	CV (%)	15								

*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	Test Weight lbs/bu	Protein %
Altorado	Feed	39.8	12.2
KWS Thalix	Malt	43.3	11.8
KWS Amadora	Malt	44.2	12.2
KWS Willis	Malt	39.9	12.6
Lenetah	Feed	44.1	13.3
Survivor	Feed	42.7	13.6
AAC Connect	Malt	41.6	13.6
KWS Jessie	Malt	41.8	12.1
13WAM-136.1	Malt	40.7	13.9
Oreana	Feed	42.6	13.6
Claymore	Feed	40.3	13.9
KWS Fantex	Malt	39.6	13.2
14WAIM-3614.1	Malt	38.8	14.3
LCS Opera	Malt	38.8	12.9
14WAIM-3620.70	Malt	40.5	15.5
	Average	41.2	13.2
	LSD	1.4	0.8
	CV (%)	2	4



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Planting Date: 3-29-2021

Harvest Date: 8-6-2021

Site Location: 45.1636, -120.6660

Planting Method: Conventional Drill

Row Spacing: 7.5"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice