



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



Site Description: Trial was relatively uniform.

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	
KWS Amadora	Malt	2522	3							3890 ± 463
KWS Jessie	Malt	2426	4	3167	2					3873 ± 325
Altorado	Feed	2755	1	3250	1	3840	1	3812	1	3812 ± 227
13WAM-136.1	Malt	2416	5							3783 ± 463
KWS Thalix	Malt	2399	6							3766 ± 463
LCS Opera	Malt	2019	13	3029	4	3825	2	3747	2	3747 ± 227
Oreana	Feed	2212	10	2927	6					3702 ± 261
KWS Willis	Malt	2322	7							3689 ± 463
Claymore	Feed	2536	2	3060	3	3633	4	3640	3	3640 ± 227
Lenetah	Feed	2257	8	2944	5	3639	3			3621 ± 264
AAC Connect	Malt	2226	9							3593 ± 463
Survivor	Feed	2055	12	2688	8	3508	5	3546	4	3546 ± 227
KWS Fantex	Malt	2178	11	2783	7					3489 ± 325
14WAIM-3620.70	Malt	1722	14							3089 ± 463
14WAIM-3614.1	Malt	1705	15							3073 ± 463
	Average	2250		2981		3689		3686		3621
	LSD (0.05)	251								
	CV (%)	8								

*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 %	Heading Date
KWS Amadora	Malt	20.6	54.1	8.3	6/7
KWS Jessie	Malt	20.4	52.8	7.9	6/7
Altorado	Feed	21.8	53.8	8.2	6/5
13WAM-136.1	Malt	23.3	50.0	8.5	6/7
KWS Thalix	Malt	20.6	52.6	8.1	6/7
LCS Opera	Malt	21.2	48.4	8.2	6/12
Oreana	Feed	20.1	52.0	8.6	6/9
KWS Willis	Malt	22.3	51.7	8.6	6/7
Claymore	Feed	22.9	52.5	8.0	6/6
Lenetah	Feed	23.0	52.1	8.3	6/12
AAC Connect	Malt	23.1	51.1	8.6	6/7
Survivor	Feed	22.2	52.9	8.4	6/9
KWS Fantex	Malt	20.5	51.0	8.4	6/8
14WAIM-3620.70	Malt	22.3	50.3	8.9	6/11
14WAIM-3614.1	Malt	23.4	49.1	9.5	6/12
	Average	21.8	51.6	8.4	6/9
	LSD	1.0	0.5	0.4	1.9
	CV (%)	3	1	4	



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Planting Date: 3-10-2021

Harvest Date: 7-16-2021

Site Location: 45.72471, -118.62312

Fertility: 68-8-0-16S Prior to Planting

Planting Method: Conventional Drill

Row Spacing: 7.5"

Fungicides: None (No Foliar Pathogens Observed)

Plot Length: ~20'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice