



**2022 OREGON SPRING BARLEY YIELD TRIALS**  
**Pendleton (Conventional Tillage)**



Site Description: Trial was relatively uniform.

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	
BC Lexy		6790	2							<b>4948 ± 658</b>
KWS Willis	Malt	6837	1	4580	1					<b>4644 ± 470</b>
BC Ellinore		6459	7							<b>4617 ± 658</b>
KWS Thalix	Malt	6677	4	4538	2					<b>4603 ± 470</b>
LCS Opera	Malt	6788	3	4404	4	4282	2	4566	1	<b>4566 ± 329</b>
KWS Jessie	Malt	6553	6	4489	3	4296	1			<b>4561 ± 383</b>
BC Leandra		6399	8							<b>4557 ± 658</b>
Altorado	Feed	6039	12	4397	5	4180	3	4390	2	<b>4390 ± 329</b>
Oreana	Feed	6340	9	4276	7	4065	5			<b>4330 ± 383</b>
LCS Odyssey	Malt	6591	5							<b>4281 ± 380</b>
KWS Amadora	Malt	5910	13	4216	8					<b>4281 ± 470</b>
Claymore	Feed	6120	10	4328	6	4080	4	4255	3	<b>4255 ± 329</b>
HO517-245		6052	11							<b>4209 ± 658</b>
Lenetah	Feed	5605	15	3931	9	3831	6	4131	4	<b>4131 ± 329</b>
Survivor	Feed	5184	19	3620	11	3520	7	3927	5	<b>3927 ± 329</b>
MS21-B2		5754	14							<b>3912 ± 658</b>
AAC Connect	Malt	5362	18	3794	10					<b>3859 ± 470</b>
MS21-B1		5556	16							<b>3713 ± 658</b>
DH190481	Feed	5479	17							<b>3637 ± 658</b>
DH190346	Feed	4968	20							<b>3126 ± 658</b>
	Average	6073		4234		4036		4254		<b>4227</b>
	LSD (0.05)	347								
	CV (%)	4.1								

\*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 %
BC Lexy		28.5	52.8	8.2
KWS Willis	Malt	27.3	51.6	8.6
BC Ellinore		28.2	52.2	8.4
KWS Thalix	Malt	28.5	54.8	8.3
LCS Opera	Malt	27.2	53.3	8.2
KWS Jessie	Malt	25.5	53.6	8.2
BC Leandra		28.0	53.3	8.2
Altorado	Feed	34.5	57.0	9.1
Oreana	Feed	29.7	54.5	8.9
LCS Odyssey	Malt	28.5	54.0	8.7
KWS Amadora	Malt	27.0	54.6	8.4
Claymore	Feed	36.5	55.7	9.0
HO517-245		35.0	55.5	8.7
Lenetah	Feed	36.5	57.5	9.4
Survivor	Feed	35.8	56.2	9.7
MS21-B2		38.5	56.5	9.0
AAC Connect	Malt	39.7	55.7	10.2
MS21-B1		33.0	55.4	9.4
DH190481	Feed	34.5	56.6	9.6
DH190346	Feed	31.2	54.7	9.7
	Average	31.7	54.8	8.9
	LSD (0.05)	5.1	0.7	0.4
	CV (%)	11.5	0.8	3.2



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Planting Date: 3-29-2022

Harvest Date: 7-27-2022

Site Location: 45.7184, -118.6278

Fertility: 16-20-0-12S Prior to Planting, 46-0-0 Topdress on 4-5-2022

Row Spacing: 7.5"

Fungicides: 13.7 oz/acre Trivapro on 5-20-2022

Plot Length: ~15'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice

