



2023 OREGON SPRING BARLEY YIELD TRIALS
Pendleton (Conventional Tillage)



Site Description: Trial was relatively uniform.

Variety	Class	2023 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	1921	2	4299	1	3665	1			3714 ± 349
KWS Jessie	Malt	1753	11	4153	3	3577	2	3660	1	3660 ± 302
BC Leandra	Malt	1806	6	4103	4					3593 ± 426
Altorado	Feed	1748	12	3894	6	3514	3	3572	2	3572 ± 302
LCS Odyssey	Malt	1808	5	4200	2					3546 ± 348
Oreana	Feed	1799	7	4070	5	3450	4	3499	3	3499 ± 302
LGBU16-1320-A	Malt	1815	4							3453 ± 605
S14230-41513	Malt	1767	8							3405 ± 605
YU518-415	Feed	1757	9							3395 ± 605
KWS Fantex	Malt	1947	1							3391 ± 350
LCS Diablo	Malt	1755	10							3370 ± 429
Lenetah	Feed	1709	13	3657	7	3190	5	3300	4	3300 ± 302
AAC Connect	Malt	1606	14	3484	9	3065	6			3113 ± 349
Survivor	Feed	1826	3	3505	8	3022	7	3097	5	3097 ± 302
DH160733	Malt	1337	16							2975 ± 605
Carleton	Feed	1303	17							2942 ± 605
Successor (DH190481)	Feed	1411	15	3445	10					2935 ± 426
DH160754	Malt	1170	18							2808 ± 605
	Average	1680		3881		3355		3425		3320
	LSD (0.05)	180								
	CV (%)	7.7								

*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	Test Weight lbs/bu	Protein %
KWS Thalix	Malt	53.8	11.0
KWS Jessie	Malt	53.5	11.3
BC Leandra	Malt	50.2	10.2
Altorado	Feed	52.5	11.0
LCS Odyssey	Malt	52.1	11.5
Oreana	Feed	53.7	12.2
LGBU16-1320-A	Malt	50.9	11.3
S14230-41513	Malt	52.3	11.3
YU518-415	Feed	53.4	11.6
KWS Fantex	Malt	51.9	12.2
LCS Diablo	Malt	50.8	11.1
Lenetah	Feed	52.8	11.2
AAC Connect	Malt	52.0	11.6
Survivor	Feed	52.0	12.1
DH160733	Malt	52.0	11.8
Carleton	Feed	53.0	10.6
Successor (DH190481)	Feed	54.1	11.8
DH160754	Malt	50.9	11.5
	Average	52.3	11.4
	LSD (0.05)	0.5	0.5
	CV (%)	0.6	3.2



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Site Description: Trial was relatively uniform.

Planting Date: 3-23-2023

Harvest Date: 8-3-2023

Site Location: 45.7244, -118.6312

Fertility: 20-25-0-16.5S Prior to Planting, 46-0-0 Topdress

Row Spacing: 7.5"

Plot Length: ~25'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice