



**2023 OREGON SPRING BARLEY YIELD TRIALS**  
**Athena (Irrigated)**



Site Description: Trial was relatively uniform.

Variety	Class	2023 Yield		2-Year		3-Year		4-Year		Best Estimate*
		Yield lb/ac	Rank	Yield lb/ac	Rank	Yield lb/ac	Rank	Yield lb/ac	Rank	
Carleton	Feed	5470	1							
YU518-415	Feed	5416	2							
Lenetah	Feed	5285	3							
Successor (DH190481)	Feed	5245	4							
Altorado	Feed	5212	5							
KWS Thalís	Malt	5206	6							
BC Leandra	Malt	5183	7							
KWS Jessie	Malt	5166	8							
Oreana	Feed	5140	9							
LCS Diablo	Malt	5090	10							
LCS Odyssey	Malt	5088	11							
Survivor	Feed	5039	12							
KWS Fantex	Malt	5024	13							
S14230-41513	Malt	4945	14							
LGBU16-1320-A	Malt	4805	15							
DH160733	Malt	4766	16							
AAC Connect	Malt	4449	17							
DH160754	Malt	4329	18							
	Average	5048								
	LSD (0.05)	236								
	CV (%)	3.3								

\*Best linear unbiased estimators (BLUEs) are only calculated when more than one year of data is available.



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Variety	Class	Height in	Test Weight lbs/bu	Protein %
Carleton	Feed	24.2	50.3	8.5
YU518-415	Feed	26.9	53.1	8.5
Lenetah	Feed	29.0	53.1	8.5
Successor (DH190481)	Feed	23.0	54.8	8.3
Altorado	Feed	23.9	51.9	8.3
KWS Thalís	Malt	25.3	50.8	8.2
BC Leandra	Malt	23.4	47.5	8.2
KWS Jessie	Malt	24.3	50.8	8.2
Oreana	Feed	25.1	50.8	8.3
LCS Diablo	Malt	26.4	48.1	8.4
LCS Odyssey	Malt	26.1	49.9	8.4
Survivor	Feed	27.0	52.4	8.5
KWS Fantex	Malt	23.5	49.4	8.2
S14230-41513	Malt	24.3	49.4	8.2
LGBU16-1320-A	Malt	26.4	46.4	8.3
DH160733	Malt	23.9	50.5	8.2
AAC Connect	Malt	28.8	49.6	8.4
DH160754	Malt	22.1	48.6	8.1
	Average	25.2	50.4	8.3
	LSD (0.05)	1.3	0.8	0.1
	CV (%)	3.8	1.1	0.0



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Planting Date: 4-5-2023

Harvest Date: 7-25-2023

Site Location: 45.8061, -118.6073

Fertility: 120-30-22-15S-17Cl-0.38Zn Prior to Planting

Row Spacing: 7.5"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice