



**2021 OREGON WINTER 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 lbs/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	
Alba	Feed	5107	1							
Lightning	Malt	4789	2							
DH141225	Malt	4756	3							
Wintmalt	Malt	4726	4							
Thunder	Malt	4430	5							
DH141222	Malt	3838	6							
	Average	4608								
	LSD (0.05)	402								
	CV (%)	6								

\*Best linear unbiased estimators (BLUEs) are not available for sites with only one year of data.



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Variety	Class	Height in	Test Weight lbs/bu	Protein %	Heading Date
Alba	Feed	33.3	47.8	9.3	5/14
Lightning	Malt	29.7	50.3	10.0	5/13
DH141225	Malt	30.7	49.3	10.2	5/11
Wintmalt	Malt	26.7	47.0	9.5	5/15
Thunder	Malt	25.3	49.7	10.5	5/12
DH141222	Malt	29.7	50.2	10.5	5/15
	Average	29.2	49.0	10.0	5/13
	LSD (0.05)	2.9	1.0	0.9	1.0
	CV (%)	7	1	6	

\*Quality ratings assigned by the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A = Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses



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Planting Date: 10-22-2020

Harvest Date: 7-1-2020

Site Location: 45.72169, -118.63144

Fertility: 68-8-0-12 Prior to Planting

Planting Method: Conventional Drill

Row Spacing: 7.5"

Fungicides: None (No Foliar Diseases Observed)

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Randomized Complete Block Design