



**2022 OREGON WINTER BARLEY YIELD TRIALS**  
**Tulelake (Irrigated)**

**UNIVERSITY OF CALIFORNIA**  
 Agriculture and Natural Resources

This trial was a collaboration between the OSU Cereal Extension Program and the UC-Davis Intermountain Research and Extension Center

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	
DH141917	Malt	7642	2							<b>7663 ± 1493</b>
Thunder	Malt	7447	4	8068	2	7572	1			<b>7572 ± 903</b>
Wintmalt	Malt	8003	1	8247	1	7438	2			<b>7438 ± 903</b>
DH141225	Malt	7600	3	7514	3					<b>7214 ± 1087</b>
DH141222	Malt	7089	6	7406	4					<b>7105 ± 1087</b>
Lightning	Feed	7280	5	7380	5	6933	3			<b>6933 ± 903</b>
DH150683	Malt	6779	7							<b>6800 ± 1493</b>
Alba	Feed	5487	9	6638	6	6798	4			<b>6798 ± 903</b>
DH162310	Malt	5526	8							<b>5547 ± 1493</b>
	Average	6984		7542		7185				<b>7008</b>
	LSD (0.05)	720								
	CV (%)	7.4								

\*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	Lodging %
DH141917	Malt	43.5	48.9	9.0	6/11	30.0
Thunder	Malt	42.5	51.2	9.6	6/11	42.5
Wintmalt	Malt	42.5	49.3	9.0	6/10	43.8
DH141225	Malt	44.7	51.7	9.6	6/6	65.0
DH141222	Malt	42.9	51.9	10.4	6/6	31.3
Lightning	Feed	43.9	51.1	10.4	6/10	18.8
DH150683	Malt	41.7	50.0	10.7	6/6	25.0
Alba	Feed	47.3	48.7	8.9	6/10	42.5
DH162310	Malt	43.8	51.2	11.4	6/8	10.0
	Average	43.7	50.4	9.9	6/9	34.3
	LSD (0.05)	2.1	0.7	0.7	1.2	22.9
	CV (%)	3.4	1.0	4.9		



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Planting Date: 10-12-2021

Site Location: 41.9649, -121.4707

Total Irrigation: 10.7"

Plot Length: ~11'

Plot Width: 5'

Trial Design: 4-Replicate Randomized Complete Block

