



**2022 OREGON WINTER BARLEY WHEAT YIELD TRIALS
Pendleton (Conventional Tillage)**



Site Description: Trial was relatively uniform.

| Variety | Herbicide Resistance | 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 | |
| DH162310 | | Malt | 6230 | 3 | | | | | | | 5571 ± 622 |
| DH141225 | | Malt | 6329 | 1 | 5542 | 1 | | | | | 5542 ± 453 |
| DH141917 | | Malt | 6146 | 4 | | | | | | | 5487 ± 622 |
| Alba | | Feed | 5813 | 6 | 5460 | 2 | | | | | 5460 ± 453 |
| Thunder | | Malt | 6270 | 2 | 5350 | 3 | | | | | 5350 ± 453 |
| Lightning | | Feed | 5874 | 5 | 5331 | 4 | | | | | 5331 ± 453 |
| Wintmalt | | Malt | 5748 | 7 | 5237 | 5 | | | | | 5237 ± 453 |
| DH150683 | | Malt | 5693 | 8 | | | | | | | 5034 ± 622 |
| DH141222 | | Malt | 5687 | 9 | 4762 | 6 | | | | | 4762 ± 453 |
| | | Average | 5977 | | 5281 | | | | | | 5308 |
| | | LSD (0.05) | 841 | | | | | | | | |
| | | CV (%) | 10.0 | | | | | | | | |

*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 % |
|-----------|------------|--------------|-----------------------|--------------|--------------|--------------|
| DH162310 | Malt | 41.1 | 52.0 | 10.5 | 5/25 | 0.0 |
| DH141225 | Malt | 41.2 | 52.2 | 11.2 | 5/23 | 0.0 |
| DH141917 | Malt | 39.4 | 51.0 | 11.2 | 5/19 | 0.0 |
| Alba | Feed | 40.8 | 51.1 | 10.3 | 5/27 | 20.0 |
| Thunder | Malt | 39.4 | 52.5 | 10.9 | 5/25 | 0.0 |
| Lightning | Feed | 40.9 | 52.6 | 11.1 | 5/24 | 0.0 |
| Wintmalt | Malt | 40.3 | 51.8 | 12.4 | 5/18 | 0.0 |
| DH150683 | Malt | 39.2 | 51.8 | 11.7 | 5/18 | 0.0 |
| DH141222 | Malt | 41.3 | 52.5 | 11.5 | 5/23 | 0.0 |
| | Average | 40.4 | 52.0 | 11.2 | 5/22 | 2.2 |
| | LSD (0.05) | 3.1 | 1.0 | 1.2 | 3.6 | 9.3 |
| | CV (%) | 5.5 | 1.4 | 7.9 | | |



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Site Description: Trial was relatively uniform.

Planting Date: 11-10-2021

Harvest Date: 7-22-2022

Site Location: 45.7235, -118.6314

Fertility: 90-0-0 Prior to Planting, 92-0-0 topdress on 4-5-22

Row Spacing: 7.5"

Fungicides: None

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice

