

2023 OREGON SPRING BARLEY YIELD TRIALS
La Grande (Irrigated)



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 Jessie | Malt | 9589 | 1 | 8465 | 1 | | | | | 8465 ± 669 |
| KWS Thalix | Malt | 9363 | 4 | 8316 | 2 | | | | | 8316 ± 669 |
| KWS Fantex | Malt | 9433 | 2 | | | | | | | 8266 ± 960 |
| YU518-415 | Feed | 9414 | 3 | | | | | | | 8247 ± 960 |
| BC Leandra | Malt | 9005 | 6 | 7908 | 3 | | | | | 7908 ± 669 |
| Carleton | Feed | 8936 | 7 | | | | | | | 7769 ± 960 |
| Oreana | Feed | 9114 | 5 | 7720 | 4 | | | | | 7720 ± 669 |
| Altorado | Feed | 8490 | 10 | 7601 | 5 | | | | | 7601 ± 669 |
| LCS Odyssey | Malt | 8898 | 8 | 7561 | 6 | | | | | 7561 ± 669 |
| S14230-41513 | Malt | 8346 | 12 | | | | | | | 7179 ± 960 |
| LCS Diablo | Malt | 8244 | 13 | | | | | | | 7077 ± 960 |
| Survivor | Feed | 8788 | 9 | 7016 | 7 | | | | | 7016 ± 669 |
| AAC Connect | Malt | 8446 | 11 | 7014 | 8 | | | | | 7014 ± 669 |
| DH160733 | Malt | 8069 | 14 | | | | | | | 6902 ± 960 |
| LGBU16-1320-A | Malt | 7987 | 15 | | | | | | | 6820 ± 960 |
| Lenetah | Feed | 7918 | 16 | 6740 | 9 | | | | | 6740 ± 669 |
| Successor (DH190481) | Feed | 6958 | 18 | 6459 | 10 | | | | | 6459 ± 669 |
| DH160754 | Malt | 7614 | 17 | | | | | | | 6447 ± 960 |
| | Average | 8599 | | 7480 | | | | | | 7417 |
| | LSD (0.05) | 596 | | | | | | | | |
| | CV (%) | 4.9 | | | | | | | | |

*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 % |
|----------------------|------------|--------------|-----------------------|--------------|
| KWS Jessie | Malt | 28.9 | 50.5 | 10.9 |
| KWS Thalix | Malt | 29.5 | 51.7 | 11.2 |
| KWS Fantex | Malt | 29.7 | 51.6 | 11.6 |
| YU518-415 | Feed | 33.5 | 53.6 | 11.3 |
| BC Leandra | Malt | 29.9 | 48.8 | 11.6 |
| Carleton | Feed | 30.2 | 51.8 | 10.9 |
| Oreana | Feed | 33.9 | 53.4 | 11.3 |
| Altorado | Feed | 32.2 | 52.5 | 12.1 |
| LCS Odyssey | Malt | 31.1 | 51.3 | 10.8 |
| S14230-41513 | Malt | 31.9 | 51.0 | 11.1 |
| LCS Diablo | Malt | 31.4 | 48.5 | 11.0 |
| Survivor | Feed | 32.8 | 52.2 | 13.0 |
| AAC Connect | Malt | 31.2 | 51.4 | 11.8 |
| DH160733 | Malt | 27.0 | 51.4 | 11.3 |
| LGBU16-1320-A | Malt | 31.5 | 47.1 | 11.2 |
| Lenetah | Feed | 30.1 | 51.7 | 13.0 |
| Successor (DH190481) | Feed | 26.4 | 52.5 | 11.5 |
| DH160754 | Malt | 25.5 | 51.5 | 11.7 |
| | Average | 30.3 | 51.3 | 11.5 |
| | LSD (0.05) | 1.5 | 0.7 | 0.6 |
| | CV (%) | 3.6 | 1.0 | 3.9 |



**2023 OREGON SPRING BARLEY YIELD TRIALS
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Site Description: Trial was relatively uniform.

Planting Date: 4-14-2023

Harvest Date: 8-17-2023

Site Location: 45.3329, -117.9653

Row Spacing: 7.5"

Plot Length: ~18'

Plot Width: ~5'

Trial Design: 3-Replicate Alpha-Lattice