



Oregon State University

2024 OREGON SOFT WINTER WHEAT YIELD TRIALS Lexington (No-Till)

Site Description: Trial was relatively uniform.



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| Variety | Herbicide Traits | Quality* | Class | Yield (bu/acre) | | | | | | |
|---------------------------------|------------------|----------|-------|-----------------|------|----------------|----------------|----------------|----------------|-----------------|
| | | | | 2024 | | 2-Year Average | 3-Year Average | 4-Year Average | 5-Year Average | Best Estimate** |
| | | | | Yield | Rank | | | | | |
| LCS Jefe | | D | SWW | 69 | 1 | 46 | 57 | 52 | 53 | 53 ± 4 |
| LWWC21-0317 | CL+ | | SWW | 64 | 3 | | | | | 52 ± 9 |
| LCS Hydra AX | AX | | SWW | 61 | 10 | 46 | | | | 51 ± 7 |
| LCS Drive | | D | SWW | 58 | 23 | 46 | 53 | 50 | 51 | 51 ± 4 |
| LCS Shine | | MD | SWW | 64 | 4 | 36 | 51 | 48 | 50 | 50 ± 4 |
| LCS Kamiak | | A | SWW | 62 | 8 | 47 | 55 | 50 | | 50 ± 5 |
| TMC M-Pire | | D | SWW | 65 | 2 | 46 | 54 | | | 49 ± 5 |
| AP Olympia | | | SWW | 61 | 11 | | | | | 49 ± 9 |
| Norwest Tandem | | A | SWW | 59 | 20 | 45 | 54 | 49 | 49 | 49 ± 4 |
| LWWA22-D33 | AX | | SWW | 61 | 13 | | | | | 48 ± 9 |
| AP Exceed | | MD | SWW | 60 | 15 | 40 | 52 | 48 | | 48 ± 5 |
| Rosalyn | | A | SWW | 56 | 34 | 43 | 52 | 47 | 48 | 48 ± 4 |
| VI Gem (UIL 13-046145A) | | | SWW | 64 | 5 | | | | | 48 ± 7 |
| LCS Blackjack | | D | SWW | 57 | 30 | 40 | 50 | 46 | 48 | 48 ± 4 |
| LCS Scorpion AX | AX | | SWW | 57 | 27 | 43 | | | | 47 ± 7 |
| SY Assure | | D | SWW | 57 | 31 | 43 | 50 | 46 | 47 | 47 ± 4 |
| TMC M-Press | | D | SWW | 59 | 16 | 42 | 52 | 47 | 47 | 47 ± 4 |
| ORI2190027 CL+ | CL+ | | SWW | 61 | 9 | 44 | 49 | 46 | | 47 ± 5 |
| VI Encore CL+ (UIL 17-7706 CL+) | CL+ | D | SWW | 63 | 6 | 43 | 51 | 46 | | 47 ± 5 |
| LWW20-2383 | | | SWW | 59 | 18 | | | | | 47 ± 9 |
| Nimbus | | MD | SWW | 57 | 24 | 42 | 52 | 47 | 46 | 46 ± 4 |
| LWW21-1834 | | | SWW | 58 | 22 | | | | | 46 ± 9 |
| Appleby CL+ | CL+ | D | SWW | 60 | 14 | 44 | 52 | 47 | 46 | 46 ± 4 |
| AP Iliad | | A | SWW | 54 | 41 | 41 | 50 | 46 | 46 | 46 ± 4 |
| Sockeye CL+ | CL+ | MD | SWW | 56 | 37 | 41 | 52 | 46 | 46 | 46 ± 4 |
| ARS Castella | | MD | Club | 59 | 21 | | | | | 45 ± 7 |
| LWWC21-0119 | CL+ | | SWW | 57 | 26 | | | | | 45 ± 9 |
| Cameo | | MD | Club | 55 | 39 | 39 | 50 | 45 | | 45 ± 5 |
| VI Voodoo CL+ | CL+ | D | SWW | 63 | 7 | 45 | 53 | 48 | 45 | 45 ± 4 |
| WB1922 | | D | SWW | 56 | 36 | 40 | 49 | | | 45 ± 5 |
| WB1621 | | MD | SWW | 61 | 12 | 37 | 49 | | | 45 ± 5 |
| Gale (OR2180377) | | | SWW | 57 | 25 | 40 | 49 | | | 45 ± 5 |
| LWW20-2867 | | | SWW | 57 | 32 | | | | | 45 ± 9 |
| Piranha CL+ | CL+ | D | SWW | 59 | 17 | 43 | 52 | 46 | 44 | 44 ± 4 |
| Nova AX (WA8346 AX) | AX | MD | SWW | 54 | 40 | 39 | | | | 44 ± 7 |
| OR2180149 | | | SWW | 59 | 19 | | | | | 44 ± 7 |
| Mallory CL+ (ORI2190025 CL+) | CL+ | | SWW | 57 | 28 | 39 | 46 | 44 | | 44 ± 5 |
| WB1545 | | | SWW | 56 | 35 | | | | | 44 ± 9 |
| OR2200083 CL+ | CL+ | | SWW | 49 | 52 | 38 | | | | 43 ± 7 |
| Calypso (ARS09500-17CBW) | | | Club | 53 | 44 | 38 | 48 | | | 43 ± 5 |
| OR5180071 | | | Club | 55 | 38 | 39 | 49 | 43 | | 43 ± 5 |
| OR5180072 | | | Club | 57 | 29 | 38 | | | | 43 ± 7 |
| Stephens | | D | SWW | 52 | 47 | 37 | 46 | 41 | 42 | 42 ± 4 |
| OR3230026 AX | AX | | SWW | 54 | 42 | | | | | 42 ± 9 |
| ARS Crescent | | MD | Club | 54 | 43 | | | | | 42 ± 9 |
| OR2170559 | | | SWW | 57 | 33 | 36 | 45 | 41 | | 42 ± 5 |
| LWWC21-0331 | CL+ | | SWW | 53 | 45 | | | | | 41 ± 9 |
| OR5190014 | | | Club | 52 | 46 | | | | | 40 ± 9 |
| WA8405 | | | SWW | 52 | 48 | | | | | 40 ± 9 |
| WA8404 | | | SWW | 51 | 49 | | | | | 39 ± 9 |
| WA8398 | | | SWW | 50 | 50 | | | | | 38 ± 9 |
| OR2180350 | | | SWW | 50 | 51 | | | | | 38 ± 9 |
| WA8397 | | | SWW | 48 | 53 | | | | | 35 ± 9 |
| LCS Reaper AX | AX | | SWW | 45 | 54 | | | | | 33 ± 9 |
| Average | | | | 57 | | 41 | 51 | 46 | 47 | 45 |
| LSD (0.05) | | | | 5 | | | | | | |
| CV (%) | | | | 6.8 | | | | | | |

*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

**Best linear unbiased estimators (BLUEs) are best estimators of variety performance relative to other varieties, based on up to five years of data.



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2024 OREGON SOFT WINTER WHEAT YIELD TRIALS Lexington (No-Till)

Site Description: Trial was relatively uniform.



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| Variety | Class | Height (in) | Test Weight (lb/bu) | Protein (%) | Heading Date |
|---------------------------------|-------|-------------|---------------------|-------------|--------------|
| LCS Jefe | SWW | 31.6 | 60.9 | 9.2 | 5/18 |
| LWWC21-0317 | SWW | 33.3 | 59.6 | 11.4 | 5/19 |
| LCS Hydra AX | SWW | 31.7 | 61.9 | 10.2 | 5/17 |
| LCS Drive | SWW | 27.3 | 60.8 | 10.5 | 5/14 |
| LCS Shine | SWW | 27.0 | 59.8 | 9.3 | 5/16 |
| LCS Kamiak | SWW | 30.8 | 62.3 | 10.8 | 5/13 |
| TMC M-Pire | SWW | 30.1 | 60.9 | 10.4 | 5/20 |
| AP Olympia | SWW | 32.3 | 61.0 | 11.1 | 5/18 |
| Norwest Tandem | SWW | 29.9 | 60.7 | 9.6 | 5/16 |
| LWWA22-D33 | SWW | 28.7 | 59.7 | 10.4 | 5/15 |
| AP Exceed | SWW | 31.0 | 63.1 | 9.2 | 5/14 |
| Rosalyn | SWW | 32.0 | 57.4 | 10.4 | 5/22 |
| VI Gem (UIL 13-046145A) | SWW | 32.5 | 60.5 | 9.8 | 5/17 |
| LCS Blackjack | SWW | 32.6 | 57.8 | 10.4 | 5/19 |
| LCS Scorpion AX | SWW | 30.6 | 60.3 | 9.9 | 5/17 |
| SY Assure | SWW | 29.4 | 62.7 | 10.8 | 5/15 |
| TMC M-Press | SWW | 31.4 | 60.2 | 10.2 | 5/20 |
| ORI2190027 CL+ | SWW | 30.2 | 61.2 | 11.7 | 5/16 |
| VI Encore CL+ (UIL 17-7706 CL+) | SWW | 32.6 | 60.7 | 10.4 | 5/19 |
| LWW20-2383 | SWW | 28.5 | 61.9 | 10.6 | 5/15 |
| Nimbus | SWW | 32.5 | 60.5 | 10.3 | 5/16 |
| LWW21-1834 | SWW | 29.8 | 59.2 | 9.9 | 5/16 |
| Appleby CL+ | SWW | 32.9 | 62.3 | 10.2 | 5/15 |
| AP Iliad | SWW | 31.3 | 60.3 | 10.7 | 5/17 |
| Sockeye CL+ | SWW | 36.4 | 59.2 | 10.1 | 5/21 |
| ARS Castella | Club | 32.3 | 60.9 | 9.4 | 5/21 |
| LWWC21-0119 | SWW | 32.1 | 60.9 | 10.4 | 5/18 |
| Cameo | Club | 32.8 | 59.0 | 11.7 | 5/21 |
| VI Voodoo CL+ | SWW | 29.0 | 61.1 | 10.1 | 5/17 |
| WB1922 | SWW | 32.9 | 61.3 | 9.9 | 5/24 |
| WB1621 | SWW | 30.5 | 63.6 | 9.5 | 5/16 |
| Gale (OR2180377) | SWW | 31.2 | 57.2 | 9.8 | 5/22 |
| LWW20-2867 | SWW | 28.3 | 59.7 | 9.4 | 5/17 |
| Piranha CL+ | SWW | 35.5 | 58.7 | 10.4 | 5/21 |
| Nova AX (WA8346 AX) | SWW | 35.2 | 59.3 | 10.6 | 5/19 |
| OR2180149 | SWW | 34.0 | 59.7 | 9.9 | 5/17 |
| Mallory CL+ (ORI2190025 CL+) | SWW | 30.5 | 60.1 | 11.6 | 5/15 |
| WB1545 | SWW | 30.6 | 62.1 | 11.5 | 5/16 |
| OR2200083 CL+ | SWW | 30.2 | 59.8 | 11.1 | 5/17 |
| Calypso (ARS09500-17CBW) | Club | 32.1 | 61.9 | 10.6 | 5/20 |
| OR5180071 | Club | 32.4 | 61.1 | 10.3 | 5/23 |
| OR5180072 | Club | 29.5 | 61.8 | 10.1 | 5/20 |
| Stephens | SWW | 32.8 | 58.8 | 10.9 | 5/17 |
| OR3230026 AX | SWW | 29.4 | 60.5 | 10.1 | 5/14 |
| ARS Crescent | Club | 29.3 | 56.1 | 12.6 | 5/28 |
| OR2170559 | SWW | 35.8 | 58.8 | 11.7 | 5/21 |
| LWWC21-0331 | SWW | 32.7 | 60.8 | 10.5 | 5/21 |
| OR5190014 | Club | 30.0 | 62.4 | 9.4 | 5/23 |
| WA8405 | SWW | 31.5 | 56.6 | 11.2 | 5/22 |
| WA8404 | SWW | 31.4 | 57.8 | 10.3 | 5/20 |
| WA8398 | SWW | 32.0 | 57.9 | 11.1 | 5/21 |
| OR2180350 | SWW | 26.4 | 59.5 | 10.3 | 5/17 |
| WA8397 | SWW | 32.3 | 54.4 | 12.2 | 5/22 |
| LCS Reaper AX | SWW | 28.4 | 63.1 | 11.0 | 5/12 |
| Average | | 31.3 | 60.2 | 10.4 | 5/18 |
| LSD (0.05) | | 1.3 | 1.4 | 1.0 | 1.7 |
| CV (%) | | 3.0 | 1.7 | 6.7 | 0.0 |



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2024 OREGON SOFT WINTER WHEAT YIELD TRIALS Lexington (No-Till)

Site Description: Trial was relatively uniform.



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Planting Date: 10-19-2023

Harvest Date: 7-11-2024

Site Location: 45.5955, -119.5920

Row Spacing: 15"

Plot Length: ~15'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice