



**2021 OREGON SOFT SPRING WHEAT YIELD TRIALS
Kent (Conventional Tillage)**



Site Description: Yields were lower than normal due to drought and high heat during grain fill.

| Variety | Herbicide Resistance | Class | 2021 Yield | | 2-Year | | 3-Year | | 4-Year | | Best Estimate* Yield bu/ac |
|------------|----------------------|------------|----------------|------|----------------|------|----------------|------|----------------|------|----------------------------------|
| | | | Yield bu/ac | Rank | Yield bu/ac | Rank | Yield bu/ac | Rank | Yield bu/ac | Rank | |
| Ryan | | SWS | 21 | 1 | 31 | 1 | | | | | 31 ± 4 |
| WA 8325 | | Club | 19 | 2 | | | | | | | 28 ± 6 |
| WB6121 | | SWS | 18 | 3 | 27 | 2 | | | | | 27 ± 4 |
| UI Cookie | | SWS | 15 | 10 | 26 | 3 | | | | | 26 ± 4 |
| WA 8321 | | SWS | 18 | 4 | | | | | | | 26 ± 6 |
| WB6341 | | SWS | 17 | 5 | 26 | 4 | | | | | 26 ± 4 |
| WA 8323 | | SWS | 16 | 7 | | | | | | | 25 ± 6 |
| WA 8324 | | SWS | 16 | 8 | | | | | | | 25 ± 6 |
| WB6211 CLP | CL+ | SWS | 16 | 9 | | | | | | | 24 ± 6 |
| Tekoa | | SWS | 14 | 14 | 24 | 5 | | | | | 24 ± 4 |
| IDO1902S | | SWS | 15 | 11 | | | | | | | 24 ± 6 |
| IDO1802S | | SWS | 15 | 12 | | | | | | | 23 ± 6 |
| Seahawk | | SWS | 16 | 6 | 23 | 6 | | | | | 23 ± 4 |
| IDO1702S | | SWS | 13 | 15 | 22 | 7 | | | | | 22 ± 4 |
| Louise | | SWS | 14 | 13 | 19 | 8 | | | | | 19 ± 4 |
| | | Average | 16 | | 25 | | | | | | 25 |
| | | LSD (0.05) | 2 | | | | | | | | |
| | | CV (%) | 10 | | | | | | | | |

*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 | Quality* | Height in | Test Weight lbs/bu | Protein % |
|------------|---------|----------|--------------|-----------------------|--------------|
| Ryan | SWS | MD | 26.1 | 54.1 | 12.5 |
| WA 8325 | Club | | 24.2 | 57.2 | 12.7 |
| WB6121 | SWS | D | 25.2 | 57.6 | 13.4 |
| UI Cookie | SWS | | 24.9 | 54.8 | 13.7 |
| WA 8321 | SWS | | 25.1 | 56.7 | 12.7 |
| WB6341 | SWS | MD | 22.9 | 55.3 | 12.2 |
| WA 8323 | SWS | | 26.1 | 56.2 | 12.4 |
| WA 8324 | SWS | | 24.8 | 54.0 | 12.7 |
| WB6211 CLP | SWS | | 23.7 | 52.3 | 14.1 |
| Tekoa | SWS | MD | 24.4 | 55.4 | 13.9 |
| IDO1902S | SWS | | 25.5 | 58.7 | 13.5 |
| IDO1802S | SWS | | 23.8 | 57.2 | 12.8 |
| Seahawk | SWS | MD | 23.8 | 56.3 | 13.4 |
| IDO1702S | SWS | | 22.6 | 59.5 | 12.2 |
| Louise | SWS | MD | 26.8 | 53.4 | 13.2 |
| | Average | | 24.6 | 55.9 | 13.0 |
| | LSD | | 1.6 | 1.4 | 0.6 |
| | CV (%) | | 5 | 2 | 3 |

*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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Site Description: Yields were lower than normal due to drought and high heat during grain fill.

Planting Date: 3-29-2021

Harvest Date: 8-6-2021

Site Location: 45.1636, -120.6660

Planting Method: Conventional Drill

Row Spacing: 7.5"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice