



Walters Grain-Only Wheat Variety Trial

wheat.okstate.edu

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Planting & harvest dates: 10/11/2022 & 06/01/2023

Previous crop: Wheat

Management: Grain-only

Soil Type: Foard silt loam

Tillage: No-till

Soil test: pH=4.9, N= 56, P= 101, K= 337

| Licensee | Variety | Grain Yield | | | Test Weight 2023-22 | Wheat Protein 2023-22 |
|----------------------|---------------------|-------------------|--------------|--------------|------------------------|--------------------------|
| | | 2023-22 | 2022-21 | 2021-20 | | |
| | | grain-only | dual-purpose | dual-purpose | | |
| | | ----- bu/ac ----- | | | -- lb/bu -- | -- % -- |
| OGI | Showdown | 52 | 23 | 59 | 59.6 | 10.2 |
| AGSECO | AG Radical | 49 | 22 | -- | 58.9 | 10.1 |
| LCS | LCS Chrome | 49 | 19 | 40 | 58.7 | 12.0 |
| Westbred | WB4422 | 49 | -- | -- | 59.1 | 10.9 |
| AGSECO | AG Golden | 48 | -- | -- | 57.2 | 9.4 |
| PlainsGold | Canvas | 48 | 22 | 44 | 58.6 | 10.0 |
| PlainsGold | Crescent AX | 47 | -- | -- | 59.4 | 10.1 |
| OGI | Green Hammer | 47 | 15 | 41 | 60.7 | 12.2 |
| LCS | LCS Atomic AX | 47 | 22 | -- | 59.5 | 10.2 |
| OGI | Doublestop CL+ | 46 | 22 | 48 | 61.9 | 12.0 |
| Westbred | WB4401 | 45 | 11 | -- | 58.8 | 9.8 |
| OGI | High Cotton | 44 | -- | -- | 60.1 | 10.7 |
| OGI | Smith's Gold | 44 | 20 | 45 | 59.7 | 10.8 |
| OGI | Gallagher | 43 | 19 | 42 | 59.5 | 11.0 |
| OGI | Iba | 43 | -- | -- | 60.1 | 11.2 |
| Westbred | WB4792 | 42 | 21 | 44 | 59.1 | 10.1 |
| OGI | Uncharted | 40 | 18 | 46 | 59.8 | 11.9 |
| LCS | LCS Photon AX | 39 | 21 | 35 | 60.4 | 11.6 |
| AgriMAXX | AM Cartwright | 39 | 16 | -- | 59.0 | 11.2 |
| OGI | OK Corral | 39 | 15 | 46 | 56.3 | 10.9 |
| KWA | KS Ahearn | 38 | 18 | -- | 57.9 | 11.0 |
| OGI | Strad CL+ | 38 | 19 | -- | 60.9 | 11.8 |
| Croplan | CP7017AX | 36 | 25 | -- | 57.8 | 10.6 |
| Experimentals | | | | | | |
| OSU | OK18205 | 52 | -- | -- | 59.9 | 10.9 |
| OSU | OK15DMASBx7 ARS 6-8 | 46 | 21 | -- | 60.2 | 11.1 |
| OSU | OK15MASBx7 ARS 8-29 | 45 | -- | -- | 57.9 | 10.5 |
| OSU | OK16107133-19-3 | 43 | -- | -- | 59.9 | 12.1 |
| Mean | | 44 | 20 | 43 | 59.3 | 10.9 |
| LSD (0.05) | | 8 | 3 | 5 | 1.5 | 0.7 |

Notes: Grain yield and protein concentration were adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Due to the drought, plots were not grazed during the 2022-2023 growing season. Therefore, data from previous years were not be combined with the current year to provide long-term averages. Double-dashes"--" = data not available.