

## Belleville, Kansas Dryland Winter Wheat Variety Trial, 2024-2025

Kansas State University North Central Kansas Experiment Field, Belleville, Republic County

Planted 11/17/2024

Previous crop soybean

Primary tillage no-till

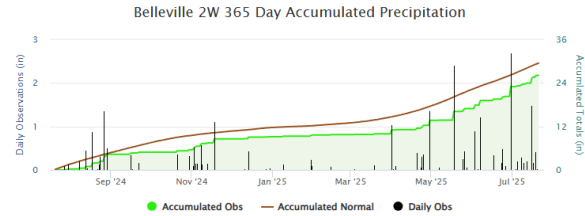
Harvested 7/3/2025

Fertilty 30-0-0 lbs/a N, P, K 10/23/24

60-0-0 lbs/a N, P, K 3/24/25

Herbicide 2 oz/a Zidua, 2 pt/a Prowl H2O, 10 oz/a Sword (MCPA) 4/11/25

Belleville was slow to emerge and progress in the spring due to late planting after soybeans and pervasive dryness. The crop recovered and grew well after rains began in April. Only minor WSMV noted and no other significant disease pressure. (Photo S. Dooley 7/3/25)



| BRAND      | NAME             | YIELD<br>(bu/a) | PAVG<br>(%) | TW<br>(lb/bu) | MOIST<br>(%) |
|------------|------------------|-----------------|-------------|---------------|--------------|
| AgriPro    | AP Bigfoot       | 46.3            | 102.2       | 60.5          | 12.5         |
| AgriPro    | AP Prolific      | 40.6            | 89.6        | 59.0          | 14.7         |
| AgriPro    | AP Sunbird       | <b>53.6</b>     | 118.2       | 60.5          | 12.1         |
| AgriPro    | AP24 AX          | 37.6            | 83.0        | 58.7          | 12.6         |
| AGSECO     | AG Golden        | 45.1            | 99.5        | 59.5          | 12.4         |
| Armor      | AR Iron Eagle AX | 33.7            | 74.4        | 60.3          | 12.2         |
| Armor      | AR Turret 25     | 45.7            | 100.9       | 59.7          | 14.1         |
| Croplan    | CP7017AX         | 43.9            | 96.8        | 60.3          | 12.2         |
| Croplan    | CP7869           | 48.8            | 107.7       | 60.1          | 13.4         |
| KWA        | KS Bill Snyder   | 41.6            | 91.7        | 60.4          | 13.5         |
| KWA        | KS Mako          | 41.8            | 92.3        | 60.3          | 11.8         |
| KWA        | KS Providence    | <b>53.4</b>     | 117.9       | 60.1          | 13.0         |
| Limagrain  | LCS Atomic AX    | <b>54.3</b>     | 119.9       | 60.7          | 11.9         |
| Limagrain  | LCS Helix AX     | 43.4            | 95.7        | 61.6          | 12.5         |
| Limagrain  | LCS Radar        | 43.0            | 94.9        | 59.2          | 13.7         |
| Limagrain  | LCS Runner       | <b>49.5</b>     | 109.4       | 60.4          | 11.3         |
| Limagrain  | LCS Steel AX     | 41.2            | 91.1        | 59.3          | 14.9         |
| Limagrain  | LCS Warbird AX   | 46.3            | 102.2       | 60.9          | 12.8         |
| OGI        | Paradox          | 44.8            | 98.9        | 59.5          | 11.9         |
| Phillips   | PS Elevate       | 48.7            | 107.6       | 60.4          | 13.1         |
| PlainsGold | Canvas           | <b>49.7</b>     | 109.7       | 61.7          | 12.5         |
| PlainsGold | CO19410R         | <b>49.8</b>     | 110.1       | 60.4          | 12.0         |
| PlainsGold | CO19DO87R        | <b>52.8</b>     | 116.6       | 59.4          | 13.3         |
| PlainsGold | Sheridan         | 40.0            | 88.3        | 60.0          | 14.3         |
| Polansky   | Golden Hawk      | 47.3            | 104.5       | 60.6          | 12.4         |
| Polansky   | Paradise         | 48.5            | 107.1       | 60.7          | 12.1         |
| Polansky   | Rockstar         | 43.2            | 95.3        | 59.7          | 14.6         |
| WestBred   | WB4347           | <b>50.0</b>     | 110.4       | 61.7          | 12.6         |
| WestBred   | WB4422           | 45.8            | 101.0       | 60.7          | 12.3         |

| BRAND    | NAME         | YIELD<br>(bu/a) | PAVG<br>(%) | TW<br>(lb/bu) | MOIST<br>(%) |
|----------|--------------|-----------------|-------------|---------------|--------------|
| WestBred | WB4445CLP    | 43.9            | 96.9        | 61.4          | 11.6         |
| WestBred | WB4699       | 29.9            | 66.1        | 55.4          | 12.2         |
|          | Average      | 45.3            | 100.0       | 60.1          | 12.8         |
|          | CV (%)       | 4.5             | 4.5         | 1.4           | 1.7          |
|          | LSD (0.05)   | 5.4             | 11.9        | 1.1           | 0.9          |
|          | Heritability | 0.3             | --          | --            | --           |

Yields must differ by more than the LSD value to be considered statistically different.

Top LSD group in bold.