

Table 3. Results of the 2024 wheat variety trial at Elkhart, in far southcentral Illinois.

| Company | Variety | ST ¹ | Yield bu/ac | Yield | Test wt. lb/bu | Height in. | 2-yr avg | 3-yr avg |
|--------------------|-----------------|-----------------|----------------|-----------------|-------------------|---------------|------------------|------------------|
| | | | | Rank 1 to 62 | | | 2023-24 bu/ac | 2022-24 bu/ac |
| AgriMAXX | 503 | G | ## | ## | ## | 33.2 | | |
| AgriMAXX | 505 | G | 114.5 | 52 | 58.8 | 30.7 | 122.6 | 123.2 |
| AgriMAXX | 513 | G | 127.7 | 5 | 58.3 | 30.3 | 135.9 | 128.1 |
| AgriMAXX | 514 | G | 117.3 | 33 | 56.4 | 31.9 | 126.0 | 126.4 |
| AgriMAXX | 516 | G | 114.6 | 50 | 56.9 | 30.8 | | |
| AgriMAXX | 525 | G | 121.9 | 20 | 56.9 | 30.3 | 129.5 | 124.4 |
| AgriMAXX | 545 | G | 126.2 | 8 | 56.2 | 30.9 | | |
| AgriMAXX | EXP 2312 | G | 117.2 | 34 | 58.3 | 28.2 | | |
| AgriMAXX | EXP 2314 | G | 119.3 | 30 | 56.9 | 31.5 | | |
| AgriMAXX | EXP 2405 | G | 122.9 | 18 | 56.6 | 30.4 | | |
| AgriPro | GP 305 | C | 115.0 | 48 | 55.1 | 28.3 | | |
| AgriPro | GP 381 | C | 115.4 | 43 | 56.4 | 26.7 | | |
| AgriPro | GP 463 | C | 110.6 | 59 | 55.6 | 29.4 | | |
| AgriPro | GP 543 | C | 115.1 | 46 | 55.9 | 30.1 | | |
| AgriPro | GP 747 | C | 116.4 | 38 | 55.5 | 32.9 | | |
| American Organic | Erisman AM | none | 100.2 | 61 | 57.8 | 29.8 | | |
| Baird Seed | BW-322 | | 120.8 | 23 | 58.3 | 33.7 | | |
| Bio-Town Seeds | D423W | C | 123.7 | 13 | 55.9 | 32.1 | | |
| Bio-Town Seeds | D506W | C | 115.3 | 45 | 55.5 | 31.6 | | |
| Bio-Town Seeds | DXW2320 | C | 117.9 | 31 | 56.6 | 31.5 | | |
| Bio-Town Seeds | DXW2324 | C | 119.9 | 28 | 56.9 | 30.0 | | |
| Bio-Town Seeds | DXW2325 | C | 121.7 | 21 | 56.6 | 30.8 | | |
| Dyna-Gro | 9120 | G | 112.9 | 55 | 58.7 | 30.7 | 121.1 | 119.3 |
| Dyna-Gro | 9151 | G | 120.0 | 26 | 58.4 | 31.2 | 127.6 | 122.7 |
| Dyna-Gro | 9172 | G | 119.9 | 27 | 57.3 | 31.8 | 123.1 | 117.1 |
| Dyna-Gro | 9231 | G | 124.9 | 11 | 58.2 | 33.1 | 131.5 | |
| Dyna-Gro | 9290 | G | 113.1 | 54 | 57.0 | 31.0 | 121.7 | |
| Dyna-Gro | 9422 | G | 122.9 | 17 | 56.1 | 32.5 | 133.1 | |
| Dyna-Gro | 9533 | G | 129.1 | 3 | 55.4 | 28.1 | | |
| Dyna-Gro | 9542 | G | 124.6 | 12 | 56.9 | 31.0 | | |
| Dyna-Gro | 9551 | G | 117.5 | 32 | 55.1 | 29.2 | | |
| Dyna-Gro | 9553 | G | 126.2 | 7 | 56.2 | 31.1 | | |
| Dyna-Gro | 9570 | G | 127.8 | 4 | 56.1 | 31.8 | | |
| Dyna-Gro | 9593 | G | 125.5 | 9 | 56.8 | 30.8 | | |
| FS InSPIRE | FS 597 | G | 112.5 | 56 | 57.7 | 31.5 | 121.4 | 118.7 |
| FS InSPIRE | FS 600 | G | 120.6 | 24 | 58.5 | 32.3 | 128.7 | 125.2 |
| FS InSPIRE | FS 606 | G | 115.3 | 44 | 59.8 | 31.7 | 123.6 | |
| FS InSPIRE | FS 617 | G | 125.2 | 10 | 57.9 | 33.6 | 131.4 | |
| FS InSPIRE | FS 624 | G | 123.1 | 16 | 57.7 | 32.9 | 128.2 | 123.1 |
| FS InSPIRE | FS 743 | G | 122.2 | 19 | 58.7 | 35.8 | | |
| FS InSPIRE | FS 745 | G | 123.6 | 14 | 57.9 | 32.2 | 127.8 | 115.8 |
| FS InSPIRE | FS WX24A | G | 116.7 | 37 | 58.3 | 30.1 | | |
| FS InSPIRE | FS WX24B | G | 104.6 | 60 | 54.4 | 30.1 | | |
| FS InSPIRE | FS WX24C | G | 126.8 | 6 | 56.9 | 29.3 | | |
| Hoffman Seed House | H7W21 | C | 120.2 | 25 | 54.6 | 29.2 | 131.4 | 126.5 |
| Hoffman Seed House | H7W24 | C | 97.5 | 62 | 58.6 | 27.9 | | |
| Hoffman Seed House | H7W30 | C | 116.2 | 40 | 55.9 | 29.4 | 125.0 | 111.8 |
| Kitchen Seed | KSC 420W | G | 114.5 | 51 | 55.5 | 29.3 | | |
| Kitchen Seed | KSC 423 | G | 116.3 | 39 | 60.2 | 31.6 | 123.8 | |
| KWS Cereals USA | KWS397 | C | 123.5 | 15 | 55.5 | 31.4 | | |
| KWS Cereals USA | KWS490 | C | 131.2 | 1 | 57.3 | 30.6 | 138.2 | |
| KWS Cereals USA | KWS500 | C | 110.9 | 58 | 57.0 | 29.4 | | |
| KWS Cereals USA | KWS501 | C | 115.8 | 42 | 56.9 | 31.1 | | |
| KWS Cereals USA | KWS525 | C | 114.6 | 49 | 55.6 | 31.3 | | |
| KWS Cereals USA | KWS527 | C | 120.8 | 22 | 57.2 | 31.2 | | |
| KWS Cereals USA | KWS529 | C | 112.3 | 57 | 53.3 | 29.0 | | |
| KWS Cereals USA | KWS542 | C | 116.8 | 36 | 59.4 | 30.8 | | |
| KWS Cereals USA | KWS543 | C | 119.5 | 29 | 57.2 | 32.0 | | |
| Pioneer | 25R65 | C | 130.0 | 2 | 55.4 | 32.4 | 138.4 | |
| Pioneer | 25R74 | C | 115.0 | 47 | 56.0 | 29.5 | 124.2 | 116.5 |
| Pioneer | 25R76 | C | 113.1 | 53 | 56.5 | 29.5 | 125.1 | 125.4 |
| Virginia Tech | 16VDH-SRW03-023 | | 117.1 | 35 | 56.8 | 31.3 | 124.9 | |
| Virginia Tech | VA19FHB-36 | | 116.0 | 41 | 57.7 | 33.4 | 124.6 | |
| | Trial Mean | | 118.5 | | 56.9 | 30.9 | | |
| | CV | | 4.2 | | 1 | 3.2 | | |
| | LSD | | 6.2 | | 0.8 | 1.2 | | |

##- Varieties missing due to deer feeding

¹ST- Seed Treatment: C= Cruiser+Fungicide, F= Fungicide, G= Gauchio+Fungicide.

Pest management is carried out by the cooperator at this site. In 2024 this included Trivapro fungicide and Warrior insecticide on April 15th, and ProSaro fungicide and Warrior insecticide on May 4th.

Location Elkville
County Jackson
Site Location [Click to see map](#)
Host John and Trent Funk
Soil type Hurst silt loam
Planting date October 9, 2023
Harvest date June 15, 2024

| Nitrogen applied | Pounds N/ A |
|-------------------------|--------------------|
| Fall | 30 |
| Spring | 110 |

Latitude 37.8757121
Longitude -89.1493338