

2024 Hillsdale County Soybean Variety Trial
South RR Early Trial

Preliminary Data

Row spacing 15" 3 replications/entry Soil type: Conover Loam Previous Crop: Corn

<https://www.canr.msu.edu/varietytrials/soybean/>

Cooperator: Matt Lennard

Plant Date: 06/04/2024 Harvest Date: 11/12/2024

Pre-emerge: 12 oz./A Authority Elite

Post-emerge: Conventional trials: 1 qt./A Basagran, 5 oz./A Raptor

Roundup Ready: 24 oz./A Glyphosate

| BRAND | VARIETY | Mat | Herb | Bu/Acre | Moisture | Test Wt | Height | Lodging | Phyto | SCN |
|-------------------|----------------|-----|--------|--------------|-------------|-------------|-------------|------------|-----------|----------|
| DF Seeds | DF 3211 N E3 | 2.1 | E3 | 62.5 | 14.1 | 56.8 | 25.7 | 1.0 | 1k | R |
| DF Seeds | DF 3225 N E3 | 2.2 | E3 | 65.7 | 14.3 | 58.1 | 31.0 | 1.0 | 1k, 3a | R |
| DF Seeds | DF 3245 N E3 | 2.4 | E3 | 66.7 | 14.1 | 58.6 | 30.0 | 1.0 | 1k | R |
| DF Seeds | DF 3264 N E3 | 2.6 | E3 | 61.9 | 14.4 | 58.0 | 32.7 | 1.3 | 1k | R |
| DONMARIO | DM22E64 | 2.2 | E3 | 63.0 | 14.2 | 57.8 | 31.3 | 1.0 | 1k | |
| DONMARIO | DM24E84 | 2.4 | E3 | 62.4 | 14.4 | 57.6 | 32.3 | 1.0 | 1k | |
| Dyna-Gro | S23EN05 | 2.3 | E3 | 60.2 | 14.0 | 57.5 | 31.7 | 1.0 | 1c, 3a | R |
| Dyna-Gro | S25EN74 | 2.5 | E3 | *71.9 | 13.9 | 57.6 | 32.0 | 1.3 | 1k | R |
| Dyna-Gro | S26EN53 | 2.6 | E3 | 68.1 | 14.3 | 58.8 | 30.0 | 1.0 | 1c | R |
| FS HISOY | HS 13E40 | 1.3 | E3 | 61.6 | 14.0 | 56.9 | 31.3 | 1.0 | 1c, 3a | R |
| FS HISOY | HS 18E30 | 1.8 | E3 | 53.5 | 14.2 | 57.0 | 27.7 | 1.0 | 1k | R |
| FS HISOY | HS 20E40 | 2 | E3 | 58.3 | 14.1 | 56.2 | 30.3 | 1.0 | 3a | R |
| FS HISOY | HS 23E40 | 2.3 | E3 | 47.6 | 14.0 | 57.2 | 25.3 | 1.0 | | R |
| FS HISOY | HS 25E30 | 2.5 | E3 | 61.4 | 14.4 | 57.6 | 31.7 | 1.0 | 1k | R |
| FS HISOY | HS 26E20 | 2.6 | E3 | 52.7 | 14.3 | 57.7 | 27.0 | 1.0 | 1k | R |
| Golden Harvest | GH2674E3 | 2.6 | Enlist | 65.9 | 14.7 | 58.4 | 33.7 | 1.0 | 1c | MR3 |
| Golden Harvest | GH2745XF | 2.7 | XF | 61.6 | 14.4 | 58.5 | 33.7 | 1.3 | 1c | MR3,MR14 |
| Loyal | LSX232-24E | 2.3 | E3 | 62.7 | 14.1 | 58.0 | 30.7 | 1.0 | | R1,R5 |
| Loyal | L2560E | 2.5 | E3 | 66.2 | 13.6 | 57.6 | 28.7 | 1.0 | 1c | R3,MR14 |
| M&W Seeds | M&W 18E89 | 1.8 | E3 | 60.4 | 14.1 | 56.6 | 30.7 | 1.0 | 1k | |
| M&W Seeds | M&W 20E71 | 2 | E3 | 59.3 | 14.4 | 57.5 | 33.7 | 1.0 | | R3,MR14 |
| M&W Seeds | M&W 23E05 | 2.3 | E3 | 53.9 | 14.2 | 57.6 | 26.0 | 1.0 | 1k | |
| M&W Seeds | M&W 25E25 | 2.5 | E3 | 63.7 | 13.6 | 57.0 | 32.0 | 1.3 | | R3,MR14 |
| M&W Seeds | M&W 26E08 | 2.6 | E3 | 66.4 | 13.6 | 57.4 | 30.0 | 1.0 | | R3,MR14 |
| M&W Seeds | M&W 27E42 | 2.7 | E3 | 54.7 | 14.1 | 57.7 | 27.7 | 1.0 | | |
| NK Seeds | NK23-D7E3 | 2.3 | Enlist | 66.9 | 14.0 | 57.8 | 27.3 | 1.0 | 1k, 3a | MR |
| NK Seeds | NK23-P1E3 | 2.3 | Enlist | 64.4 | 14.6 | 58.2 | 31.7 | 1.0 | 1c, 3a | R |
| Renk Seed | GENESIS G2390E | 2.3 | E3 | 53.8 | 14.3 | 57.4 | 28.7 | 1.3 | | R |
| Renk Seed | GENESIS G2790E | 2.7 | E3 | 59.4 | 13.8 | 56.8 | 34.3 | 1.3 | 1k | R |
| Renk Seed | RENK RS255NXF | 2.5 | XF | 68.4 | 14.0 | 57.6 | 39.3 | 1.7 | 1c | R |
| Wyckoff Hybrids | W2095E3 | 2 | E3 | 56.7 | 14.3 | 57.4 | 30.3 | 1.0 | 1k, H, 3a | R |
| Wyckoff Hybrids | W2390E3 | 2.3 | E3 | 53.7 | 14.2 | 57.3 | 28.0 | 1.0 | 1c, H, 3a | R |
| Wyckoff Hybrids | W2495E3 | 2.4 | E3 | 63.9 | 14.5 | 58.0 | 31.7 | 1.0 | 1c, H, 3a | R |
| Wyckoff Hybrids | W2570E3 | 2.6 | E3 | 63.0 | 13.7 | 57.3 | 29.3 | 1.0 | 1k | R |
| Wyckoff Hybrids | W2695E3 | 2.6 | E3 | 61.5 | 14.1 | 58.0 | 30.0 | 1.0 | 1k | R |
| Xitavo | XO 2075E | 2 | E3 | 67.3 | 13.7 | 57.0 | 31.0 | 1.0 | 3a | R |
| Xitavo | XO 2181E | 2.1 | E3 | 67.0 | 13.8 | 57.5 | 29.3 | 1.0 | 1k | MR |
| Xitavo | XO 2305E | 2.3 | E3 | 60.1 | 14.1 | 57.3 | 29.3 | 1.0 | | MR |
| Xitavo | XO 2444E | 2.4 | E3 | 64.6 | 13.8 | 58.1 | 32.3 | 1.0 | 1a | MR |
| Xitavo | XO 2625E | 2.6 | E3 | 66.6 | 14.5 | 58.2 | 33.0 | 2.0 | | MR |
| Xitavo | XO 2735E | 2.7 | E3 | 64.9 | 14.3 | 58.3 | 31.7 | 1.3 | 1c | MR |
| GRAND MEAN | | | | 61.8 | 14.1 | 57.6 | 30.6 | 1.1 | | |
| Max. | | | | 71.9 | 14.7 | 58.8 | 39.3 | 2.0 | | |
| Min. | | | | 47.6 | 13.6 | 56.2 | 25.3 | 1.0 | | |
| LSD (0.05) | | | | 8.7 | 0.7 | 0.7 | | | | |
| CV (%) | | | | 6.6 | 2.8 | 0.7 | | | | |

* High yield in plot

Top 1/3 of trial is Bold