

TABLE 2. 2023 MICHIGAN SOUTH CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

| BRAND | VARIETY | Maturity Group | Herb Tech | TMT ¹ | Phyto Res | SCN | YIELD (BU/AC) | | | | | | Height | Lodging | |
|-----------------------|------------------------|----------------|-----------|------------------|-----------|-----|---------------|-----------|-----------|--------------|-------------|-------------|-------------|-----------|------------|
| | | | | | | | 2023 AVG | 22-23 AVG | 21-23 AVG | 2023 Average | | | | | |
| | | | | | | | | | | Hillsdale | Ingham | Lenawee | | | St. Joseph |
| DF Seeds | DF 155 F | 2.5 | Conv | DFender | | | 53.8 | 55.3 | 59.6 | 44.5 | 57.0 | 54.9 | 58.6 | 35 | 2.8 |
| DF Seeds | DF 204 N | 2.0 | Conv | DFender | | | 54.0 | | | 45.8 | 56.0 | 55.1 | 59.0 | 35 | 2.3 |
| DF Seeds | DF 214 N | 2.1 | Conv | DFender | | | 57.9 | | | 42.4 | 59.9 | 64.9 | 64.5 | 35 | 2.4 |
| DF Seeds | DF 224 N | 2.2 | Conv | DFender | | | 45.9 | | | 40.5 | 44.2 | 50.8 | 48.2 | 34 | 3.3 |
| DF Seeds | DF 231 N | 2.3 | Conv | DFender | | | 57.8 | 61.4 | 67.0 | 52.0 | 55.6 | 64.2 | 59.4 | 35 | 2.4 |
| DF Seeds | DF 234 N | 2.3 | Conv | DFender | | | 58.8 | | | 49.2 | 54.9 | 67.6 | 63.8 | 37 | 2.1 |
| DF Seeds | DF 260 N | 2.6 | Conv | DFender | | | 57.7 | 64.1 | 68.8 | 53.1 | 50.3 | 66.4 | 61.0 | 35 | 2.9 |
| DF Seeds | DF 262 N F | 2.6 | Conv | DFender | | | 47.6 | 52.4 | 55.8 | 43.9 | 40.8 | 50.0 | 55.7 | 34 | 3.3 |
| DF Seeds | DF 282 N | 2.8 | Conv | DFender | | | 60.3 | | | 50.6 | 50.7 | 74.6 | 65.4 | 36 | 2.8 |
| Growmark | HS 15C00 | 1.5 | Conv | ACL,Sa | 1k | R | 54.9 | 54.9 | 54.9 | 45.5 | 58.8 | 54.0 | 61.2 | 34 | 2.8 |
| Growmark | HS 19C20 | 1.9 | Conv | ACL,Sa | 1k | R | 55.8 | | | 37.2 | 58.7 | 59.2 | *68.2 | 33 | 2.3 |
| Growmark | HS 28C20 | 2.8 | Conv | ACL,Sa | 1c | R | *61.5 | 66.3 | | 47.5 | 58.2 | *78.3 | 61.9 | 37 | 2.8 |
| MSU | E12076T-03 | 2.2 | Conv | DFender | | R | 53.8 | 59.5 | 63.2 | 38.5 | 60.9 | 62.3 | 53.7 | 34 | 2.8 |
| MSU | E13268 | 1.7 | Conv | DFender | 1c | | 57.1 | 58.3 | 63.1 | 42.1 | *61.1 | 62.3 | 62.9 | 34 | 3.3 |
| MSU | E14077 | 2.4 | Conv | DFender | 1k | R | 57.8 | 60.7 | 64.9 | 48.4 | 54.7 | 68.5 | 59.5 | 37 | 2.8 |
| MSU | E15339 | 2.4 | Conv | DFender | | R | 57.8 | | | 50.9 | 58.4 | 60.6 | 61.5 | 36 | 3.6 |
| MSU | E15345 | 2.7 | Conv | DFender | | R | 57.2 | 62.2 | 66.1 | 51.5 | 53.8 | 67.3 | 56.3 | 38 | 3.8 |
| MSU | E15351 | 2.2 | Conv | DFender | 1c | MR | 58.1 | 61.3 | 66.7 | 44.8 | 58.6 | 70.4 | 58.5 | 36 | 3.3 |
| MSU | E17203 | 2.4 | Conv | DFender | | HR | 52.9 | 59.2 | 64.0 | 47.7 | 50.8 | 61.5 | 51.6 | 35 | 3.2 |
| MSU | E17283 | 2.9 | Conv | DFender | 1k | R | 61.2 | | | 50.3 | 57.3 | 73.9 | 63.2 | 37 | 2.7 |
| MSU | E18331-34HO | 2.9 | Conv | DFender | | | 48.6 | | | 33.5 | 48.8 | 61.9 | 50.2 | 35 | 2.7 |
| MSU | E18610T | 2.4 | Conv | DFender | | | 51.4 | | | 51.4 | 46.0 | 58.2 | 50.0 | 36 | 3.4 |
| MSU | E18638T | 1.8 | Conv | DFender | | MR | 54.3 | 59.8 | 64.4 | 49.1 | 52.9 | 54.9 | 60.3 | 36 | 3.1 |
| MSU | E19288T | 2.3 | Conv | DFender | | | 47.5 | | | 45.4 | 36.0 | 54.1 | 54.4 | 36 | 3.3 |
| MSU | E19307T | 2.4 | Conv | DFender | | R | 48.9 | 54.6 | | 48.8 | 41.2 | 53.3 | 52.4 | 38 | 3.3 |
| MSU | E19314T | 1.6 | Conv | DFender | 1k,3a | R | 54.5 | 57.2 | 59.3 | 43.1 | 51.8 | 61.7 | 61.6 | 35 | 3.0 |
| MSU | E19412 | 2.4 | Conv | DFender | | R | 54.0 | 59.7 | 63.0 | 50.1 | 51.5 | 58.9 | 55.5 | 38 | 3.1 |
| MSU | E20026 | 2.0 | Conv | DFender | | | 58.3 | | | 50.1 | 56.9 | 63.6 | 62.6 | 37 | 3.4 |
| MSU | E20078 | 1.7 | Conv | DFender | 1a | R | 56.6 | 60.0 | | 49.1 | 59.9 | 57.4 | 60.2 | 42 | 3.2 |
| MSU | E20099 | 1.8 | Conv | DFender | | | 49.1 | | | 46.4 | 50.9 | 50.1 | 49.2 | 36 | 3.3 |
| MSU | E20195HO | 2.1 | Conv | DFender | | | 47.3 | | | 44.6 | 48.1 | 50.0 | 46.6 | 35 | 2.8 |
| MSU | E20329 | 2.5 | Conv | DFender | 1k | R | 52.0 | 58.5 | | 52.7 | 45.1 | 62.3 | 47.7 | 36 | 3.3 |
| MSU | E20333 | 2.6 | Conv | DFender | | | 54.0 | | | 51.0 | 49.8 | 64.2 | 51.2 | 39 | 3.3 |
| MSU | E20351 | 2.6 | Conv | DFender | | R | 58.3 | 61.8 | | 50.6 | 55.0 | 65.5 | 61.9 | 37 | 3.3 |
| MSU | E20352 | 2.3 | Conv | DFender | | R | 55.5 | | | 50.0 | 56.1 | 63.0 | 53.1 | 42 | 3.8 |
| MSU | E20355 | 2.9 | Conv | DFender | | R | 59.3 | 62.2 | | 51.1 | 57.2 | 65.5 | 63.5 | 38 | 3.1 |
| MSU | E21058 | 2.3 | Conv | DFender | | R | 56.2 | | | 45.5 | 58.5 | 60.2 | 60.6 | 37 | 3.2 |
| MSU | E21062T | 2.4 | Conv | DFender | | R | 58.6 | | | 47.7 | 56.9 | 65.2 | 64.4 | 35 | 2.8 |
| MSU | E21088 | 2.9 | Conv | DFender | | R | 54.9 | | | 50.0 | 48.5 | 61.4 | 59.7 | 38 | 3.0 |
| MSU | E21100 | 1.8 | Conv | DFender | | R | 53.0 | | | 37.7 | 46.3 | 63.8 | 64.1 | 35 | 2.3 |
| MSU | E21107 | 2.9 | Conv | DFender | | R | 59.0 | | | 51.3 | 55.2 | 70.1 | 59.4 | 37 | 3.3 |
| MSU | E21109 | 2.5 | Conv | DFender | | R | 55.2 | | | 48.6 | 51.4 | 65.9 | 55.0 | 38 | 2.9 |
| MSU | E21116 | 2.3 | Conv | DFender | | R | 57.0 | | | 50.2 | 53.9 | 65.8 | 58.1 | 38 | 3.0 |
| MSU | E21118 | 2.9 | Conv | DFender | | R | 54.2 | | | 53.1 | 46.2 | 60.9 | 56.4 | 36 | 2.4 |
| MSU | E21125 | 2.3 | Conv | DFender | | R | 56.6 | | | 55.9 | 54.2 | 53.5 | 62.8 | 38 | 3.3 |
| MSU | E21127 | 2.3 | Conv | DFender | | R | 54.8 | | | 48.0 | 55.7 | 54.4 | 61.3 | 38 | 3.1 |
| MSU | E21139LF | 2.5 | Conv | DFender | | | 48.2 | | | 42.1 | 42.0 | 56.2 | 52.7 | 38 | 2.9 |
| MSU | E21327 | 2.7 | Conv | DFender | | R | 53.6 | | | 48.6 | 52.0 | 63.5 | 50.3 | 40 | 3.4 |
| MSU | E21345 | 2.2 | Conv | DFender | | R | 58.0 | | | *56.6 | 57.3 | 53.5 | 64.6 | 38 | 3.1 |
| New Age Seeds | NA2700 | 2.7 | Conv | | 1c | R | 53.6 | | | 47.3 | 47.7 | 61.6 | 57.9 | 37 | 2.5 |
| Southwest | AAC Big Ben | 2.9 | Conv | Vib | | R | ^ | | | 42.0 | ^ | 58.6 | 53.6 | 40 | 2.2 |
| Star of the West | Nature's Genetics 1926 | 2.4 | Conv | | | S | 51.4 | | | 41.7 | 48.4 | 55.3 | 60.2 | 36 | 3.0 |
| Star of the West | Nature's Genetics 9430 | 2.2 | Conv | | | S | 33.8 | | | 34.6 | 22.2 | 36.1 | 42.2 | 37 | 3.8 |
| Star of the West | Star 18 | 1.8 | Conv | | | S | 31.4 | | | 30.6 | 29.1 | 31.2 | 34.7 | 42 | 3.8 |
| Star of the West | Star 25 | 2.5 | Conv | DFender | | S | 41.7 | | | 35.1 | 34.1 | 46.1 | 51.7 | 32 | 3.3 |
| Wyckoff Hybrids | W281C | 2.8 | Conv | WycKOAT | 1c | R | 60.6 | | | 55.6 | 52.5 | 70.6 | 63.9 | 33 | 3.2 |
| Zeeland Farm Services | ZFS 1326 | 2.6 | Conv | Ecl-US-Q,N,N-H | | R | 50.6 | 57.7 | | 48.4 | 47.0 | 55.6 | 51.5 | 39 | 3.4 |
| Zeeland Farm Services | ZFS 2023 | 2.0 | Conv | Ecl-US-Q,N,N-H | | R | 55.7 | | | 44.5 | 60.3 | 60.5 | 57.6 | 32 | 3.2 |
| Zeeland Farm Services | ZFS 2324HO | 2.3 | Conv | Ecl-US-Q,N,N-H | | R | 51.7 | | | 37.5 | 46.8 | 63.6 | 59.1 | 36 | 2.8 |
| Zeeland Farm Services | ZFS 2521HO | 2.5 | Conv | Ecl-US-Q,N,N-H | | R | 48.8 | 55.4 | 60.4 | 43.5 | 44.6 | 58.6 | 48.3 | 37 | 3.3 |
| Zeeland Farm Services | ZFS 2819HO | 2.8 | Conv | Ecl-US-Q,N,N-H | | R | 45.1 | 51.2 | 57.2 | 50.9 | 42.4 | 43.2 | 44.0 | 41 | 2.8 |
| Zeeland Farm Services | ZFS 3023HO | 3.0 | Conv | Ecl-US-Q,N,N-H | | R | 47.0 | | | 32.5 | 43.6 | 59.9 | 52.0 | 35 | 2.6 |
| GRAND MEAN | | | | | | | 53.3 | | | 46.2 | 50.7 | 59.5 | 56.6 | 37 | 3.0 |
| Max. | | | | | | | 61.5 | | | 56.6 | 61.1 | 78.3 | 68.2 | 42 | 3.8 |
| Min. | | | | | | | 31.4 | | | 30.6 | 22.2 | 31.2 | 34.7 | 32 | 2.1 |
| LSD (0.05) | | | | | | | 3.9 | | | 6.7 | 7.2 | 9.5 | 6.8 | | |
| CV (%) | | | | | | | 9.3 | | | 9.0 | 8.8 | 9.9 | 9.0 | | |

¹Seed Treatment: See 'Seed Treatment' paragraph (under 'Using the Data') for product code. *High yield in plot. ^Data not available because of late arriving seed. Top 1/3 of trial is Bold. MSU varieties are experimental.