

TABLE 3. 2022 MICHIGAN CENTRAL ROUND-UP READY / EARLY MATURITY, (1.1 - 2.2),SOYBEAN VARIETY TRIAL REPORT

| BRAND | VARIETY | Maturity | | TMT ¹ | Phyto | | YIELD (BU/AC) | | | 2022 AVERAGE | | | | | |
|----------------|--------------|----------|------|------------------|-------|-------------|---------------|--------------|--------------|--------------|-------------|--------------|--------------|--------|---------|
| | | Group | Herb | | Res | SCN | 2022 AVG | 21-22 AVG | 20-22 AVG | Allegan | Ingham | Saginaw | Sanilac | Height | Lodging |
| | | | | | | | | | | | | | | | |
| Ag Armour | AA1923 E3 | 1.9 | E3 | AA Elite | 1k | R | *69.1 | | | 67.4 | 57.6 | *70.8 | *80.7 | 34 | 1.3 |
| Ag Armour | AA2021 E3 | 2.0 | E3 | AA Elite | 1k | R | 65.3 | | | 67.7 | 59.7 | 59.9 | 73.9 | 31 | 1.3 |
| Dairyland | DSR-1121E | 1.1 | E3 | EG,G,I,LUM | | R | 60.0 | | | 61.4 | 58.9 | 53.8 | 65.7 | 28 | 1.4 |
| Dairyland | DSR-1290E | 1.2 | E3 | EG,G,I,LUM | | R | 59.5 | 64.99 | | 59.9 | 52.6 | 53.9 | 71.7 | 29 | 1.9 |
| Dairyland | DSR-1450E | 1.4 | E3 | EG,G,I,LUM | | R | 65.4 | 72.25 | | 69.2 | 56.6 | 57.6 | 78.1 | 29 | 1.3 |
| Dairyland | DSR-1505E | 1.5 | E3 | EG,G,I,LUM | 1k | R | 62.5 | | | 58.9 | 57.7 | 63.6 | 69.9 | 30 | 1.3 |
| Dairyland | DSR-1673E | 1.6 | E3 | EG,G,I,LUM | 1k | R | 59.6 | 65.6 | | 58.0 | 56.2 | 61.6 | 62.6 | 31 | 1.1 |
| Dairyland | DSR-1820E | 1.8 | E3 | EG,G,I,LUM | 1k | R | 63.2 | 68.23 | | 63.2 | 59.7 | 58.5 | 71.6 | 29 | 1.0 |
| Dairyland | DSR-1919E | 1.9 | E3 | EG,G,I,LUM | 1k | R | 64.5 | | | 63.6 | 61.1 | 65.3 | 67.9 | 34 | 1.4 |
| Dairyland | DSR-2030E | 2.0 | E3 | EG,G,I,LUM | 3a,1c | R | 60.5 | 66.9 | | 65.4 | 54.8 | 50.2 | 71.4 | 30 | 1.8 |
| Dairyland | DSR-2040E | 2 | E3 | EG,G,I,LUM | 1k | R | 64.9 | 70.6 | | 64.2 | 59.3 | 62.0 | 74.2 | 30 | 1.2 |
| Dairyland | DSR-2188E | 2.1 | E3 | EG,G,I,LUM | 1k | R | 63.6 | | | 61.5 | 62.1 | 60.0 | 70.8 | 36 | 1.3 |
| DF Seeds | DF 3143 N E3 | 1.4 | E3 | DFender | 1k | R | 65.8 | | | 68.8 | 53.4 | 63.8 | 76.9 | 33 | 1.1 |
| DF Seeds | DF 3172 N E3 | 1.7 | E3 | DFender | 3a | R | 66.6 | 71.2 | | 70.4 | 57.7 | 67.6 | 70.8 | 30 | 1.8 |
| DF Seeds | DF 3191 N E3 | 1.9 | E3 | DFender | 1k | R | 63.0 | 70.93 | 64.9 | 61.0 | 57.5 | 61.9 | 71.8 | 32 | 1.0 |
| DF Seeds | DF 3211 N E3 | 2.1 | E3 | DFender | 1k | R | 65.6 | 69.6 | 64.3 | 63.9 | 57.8 | 60.2 | 80.6 | 32 | 1.2 |
| DF Seeds | DF 3223 N E3 | 2.2 | E3 | DFender | 1c | R | 59.2 | | | 62.9 | 57.5 | 52.7 | 63.7 | 34 | 1.6 |
| Dyna-Gro | S14EN22 | 1.4 | E3 | Eq-VIP,Sa,Vay | | R | 62.8 | | | 63.4 | 45.8 | 67.5 | 74.5 | 34 | 1.4 |
| Dyna-Gro | S17XF02 | 1.7 | XF | Eq-VIP,Sa,Vay | 1c | R | 64.6 | 70.46 | | 62.8 | 56.3 | 60.8 | 78.6 | 34 | 1.4 |
| Dyna-Gro | S18EN52 | 1.8 | E3 | Eq-VIP,Sa,Vay | 1c | MR | 66.0 | 69.39 | | 55.6 | 62.7 | 67.6 | 78.2 | 34 | 1.7 |
| Dyna-Gro | S19XF62 | 1.9 | XF | Eq-VIP,Sa,Vay | | R | 65.0 | | | *71.4 | 58.1 | 56.1 | 74.2 | 33 | 1.2 |
| Dyna-Gro | S20EN92 | 2.0 | E3 | Eq-VIP,Sa,Vay | 1c | MR | 65.2 | 69.9 | | 65.6 | 62.0 | 61.6 | 71.5 | 35 | 1.3 |
| Dyna-Gro | S21EN81 | 2.1 | E3 | Eq-VIP,Sa,Vay | 1k | R | 67.0 | 72.1 | 68.1 | 71.0 | 59.0 | 63.0 | 74.8 | 32 | 1.3 |
| Dyna-Gro | SX22620EN | 2.0 | E3 | Eq-VIP,Sa,Vay | 1k | R | 65.2 | | | 67.1 | 59.8 | 65.6 | 68.1 | 34 | 1.3 |
| Golden Harvest | GH1763E3 | 1.7 | E3 | CM,Vib,Sa | | MR3 | 59.4 | | | 57.2 | 56.4 | 56.7 | 67.1 | 29 | 1.0 |
| Golden Harvest | GH1922E3 | 1.9 | E3 | CM,Vib,Sa | 1k | R3,MR14 | 67.1 | 69.79 | | 64.7 | 59.1 | 66.1 | 78.5 | 35 | 1.2 |
| Golden Harvest | GH1973E3S | 1.9 | E3 | CM,Vib,Sa | 1k | MR1,MR3,MR5 | 66.3 | | | 67.9 | 59.8 | 65.2 | 72.3 | 29 | 1.7 |
| Golden Harvest | GH2083E3S | 2.0 | E3 | CM,Vib,Sa | 1c | MR3,R14 | 60.3 | | | 62.1 | 52.4 | 59.0 | 67.8 | 29 | 1.3 |
| Golden Harvest | GH2292E3 | 2.2 | E3 | CM,Vib,Sa | 1c | MR3 | 64.1 | 69.3 | | 61.3 | 59.9 | 63.0 | 72.3 | 33 | 1.3 |
| Growmark | HS 18E00 | 1.8 | E3 | ACL,Sa,Cue | | R | 64.5 | | | 65.0 | 57.7 | 63.9 | 71.4 | 31 | 1.2 |
| Growmark | HS 18F20 | 1.8 | XF | ACL,Sa,Cue | | R | 61.8 | | | 61.9 | 59.4 | 57.8 | 68.1 | 33 | 1.3 |
| Growmark | HS 21E20 | 2.1 | E3 | ACL,Sa,Cue | 1c | R | 64.7 | | | 64.9 | 58.9 | 59.0 | 76.0 | 34 | 1.2 |
| Growmark | HS 21F20 | 2.1 | XF | ACL,Sa,Cue | 1c,3a | R | 63.1 | | | 59.1 | 54.1 | 64.0 | 75.2 | 37 | 1.9 |
| M & W Seeds | M&W 21E10 | 2.1 | E3 | Titan N-H | | | ^ | | | ^ | 61.4 | ^ | ^ | ^ | ^ |
| M & W Seeds | M&W 22E63 | 2.2 | E3 | Titan N-H | | R3,MR14 | 64.1 | | | 63.9 | 59.4 | 66.3 | 66.9 | 34 | 1.4 |
| MSU | E19497GT | 1.5 | RR1 | DFender-N-I | 3a | R | 59.7 | 63.6 | | 58.8 | 52.7 | 55.8 | 71.4 | 34 | 1.6 |
| NK Seeds | NK13-Y4XF | 1.3 | XF | CM,Vib,Sa | 1c,3a | MR | 64.7 | | | 67.7 | 54.0 | 61.6 | 75.3 | 30 | 1.1 |
| NK Seeds | NK14-W6E3 | 1.4 | E3 | CM,Vib,Sa | 1c,3a | R | 62.8 | 69.11 | | 53.9 | 57.1 | 68.4 | 71.7 | 30 | 1.5 |
| NK Seeds | NK19-T8E3S | 1.9 | E3 | CM,Vib,Sa | 1k | R | 62.5 | | | 60.4 | 58.7 | 62.0 | 69.0 | 29 | 1.4 |
| NK Seeds | NK20-B6E3S | 2.0 | E3 | CM,Vib,Sa | 1c | MR | 61.4 | | | 66.4 | 52.9 | 59.2 | 67.1 | 28 | 1.2 |

TABLE 3. 2022 MICHIGAN CENTRAL ROUND-UP READY / EARLY MATURITY, (1.1 - 2.2),SOYBEAN VARIETY TRIAL REPORT

| BRAND | VARIETY | Maturity | | TMT ¹ | Phyto | | YIELD (BU/AC) | | | 2022 AVERAGE | | | | | |
|-------------------|----------------|----------|------|------------------|-------|---------|---------------|--------------|--------------|--------------|--------------|-------------|-------------|-----------|------------|
| | | Group | Herb | | Res | SCN | 2022 AVG | 21-22 AVG | 20-22 AVG | Allegan | Ingham | Saginaw | Sanilac | Height | Lodging |
| | | | | | | | | | | | | | | | |
| NK Seeds | NK22-C4E3 | 2.2 | E3 | CM,Vib,Sa | 1c | MR | 60.8 | 65.53 | | 55.1 | 55.6 | 64.2 | 68.2 | 35 | 1.3 |
| NK Seeds | NK22-R2E3 | 2.2 | E3 | CM,Vib,Sa | 1c | MR | 62.5 | | | 65.4 | 57.4 | 61.5 | 65.7 | 33 | 1.2 |
| Renk | GENESIS G1560E | 1.5 | E3 | ECL-Trio | 3a | R | 64.3 | | | 59.0 | 58.8 | 63.6 | 75.7 | 31 | 1.4 |
| Renk | GENESIS G1760E | 1.7 | E3 | ECL-Trio | 3a | R | 64.3 | | | 60.5 | 58.1 | 63.1 | 75.6 | 32 | 1.8 |
| Renk | GENESIS G1950E | 1.9 | E3 | ECL-Trio | | R | 62.9 | 69.6 | | 66.7 | 54.5 | 60.0 | 70.5 | 30 | 1.0 |
| Renk | GENESIS G1970E | 1.9 | E3 | ECL-Trio | 1k | R | 63.9 | | | 58.9 | 58.2 | 61.4 | 77.0 | 35 | 1.3 |
| Renk | GENESIS G2150E | 2.1 | E3 | ECL-Trio,Sa | 1k | R | 65.5 | 69.03 | 65.8 | 67.3 | 62.8 | 62.5 | 69.4 | 31 | 1.3 |
| Renk | GENESIS G2270E | 2.2 | E3 | ECL-Trio, Sa | 1c | R | 63.1 | | | 56.1 | 60.1 | 61.3 | 75.1 | 35 | 1.8 |
| Renk | RENK RS183NXF | 1.8 | XF | ECL-Trio | | R | 65.1 | | | 64.5 | 60.0 | 65.9 | 69.7 | 33 | 1.3 |
| Xitavo | XO 1372E | 1.3 | E3 | P,V,I,Obv,Rel | | R3,MR14 | 61.1 | 67.11 | | 65.4 | 54.6 | 53.8 | 70.5 | 27 | 1.3 |
| Xitavo | XO 1451E | 1.4 | E3 | P,V,I,Obv,Rel | 1k | R3,MR14 | 64.4 | 68.1 | | 62.4 | 61.6 | 60.2 | 73.3 | 32 | 1.1 |
| Xitavo | XO 1632E | 1.6 | E3 | P,V,I,Obv,Rel | 3a | R3,MR14 | 62.3 | 68.2 | | 65.4 | 55.5 | 59.6 | 68.6 | 29 | 1.5 |
| Xitavo | XO 1761E | 1.7 | E3 | P,V,I,Obv,Rel | 1k | R3,MR14 | 61.4 | 66.0 | 61.5 | 64.5 | 55.8 | 55.9 | 69.4 | 29 | 1.0 |
| Xitavo | XO 1822E | 1.8 | E3 | P,V,I,Obv,Rel | 3a | R3,MR14 | 65.1 | 68.91 | | 63.7 | 61.0 | 61.0 | 74.8 | 30 | 1.8 |
| Xitavo | XO 1971E | 1.9 | E3 | P,V,I,Obv,Rel | | R3,MR14 | 67.1 | 72.64 | | 66.0 | 61.4 | 67.1 | 73.7 | 31 | 1.1 |
| Xitavo | XO 2181E | 2.1 | E3 | P,V,I,Obv,Rel | 1k | R3,MR14 | 66.0 | 69.3 | | 66.7 | *65.6 | 59.3 | 72.2 | 33 | 1.2 |
| Xitavo | XO 2282E | 2.2 | E3 | P,V,I,Obv,Rel | | R3,MR14 | 66.9 | 69.3 | | 64.9 | 62.8 | 62.9 | 76.8 | 33 | 1.3 |
| GRAND MEAN | | | | | | | 63.7 | | | 63.4 | 57.9 | 61.4 | 72.1 | 32 | 1.3 |
| Max. | | | | | | | 69.1 | | | 71.4 | 65.6 | 70.8 | 80.7 | 37 | 1.9 |
| Min. | | | | | | | 59.2 | | | 53.9 | 45.8 | 50.2 | 62.6 | 27 | 1.0 |
| LSD (0.05) | | | | | | | 3.8 | | | 7.7 | 5.9 | 5.5 | 6.4 | 2 | 0 |
| CV (%) | | | | | | | 7.5 | | | 9.0 | 7.6 | 6.6 | 6.5 | 8 | 31 |

¹ Seed 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