

TABLE 3. 2021 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.3 - 2.2),SOYBEAN VARIETY TRIAL REPORT

| BRAND | VARIETY | Maturity | | TMT ¹ | Phyto | | YIELD (BU/AC) | | | | | | | | |
|----------------|------------------|----------|---------|-------------------|--------|----------|---------------|-----------|-----------|--------------|--------------|--------------|--------------|--------|---------|
| | | Group | Herb | | Res | SCN | 2021 AVG | 20-21 AVG | 19-21 AVG | 2021 AVERAGE | | | | Height | Lodging |
| | | | | | | | | | | Allegan | Ingham | Saginaw | Sanilac | | |
| Ag Armour | AA 1922 E3 | 1.9 | E3 | Ag Armour Elite | 1c | MR3 | 63.5 | | | 50.0 | 72.0 | 70.3 | 61.6 | 32 | 1.5 |
| Ag Armour | AA 2122 LL/GT27 | 2.1 | LL/GT27 | Ag Armour Elite | | R3MR14 | 73.5 | | | 71.6 | 87.0 | 72.1 | 63.3 | 34 | 1.3 |
| Credenz | CZ 1331GTLL | 1.3 | LLGT27 | P,V,I,Obv | 1k | R3MR14 | 72.6 | | | 69.6 | 86.3 | 73.1 | 61.4 | 31 | 1.2 |
| Credenz | CZ 1660GTLL | 1.6 | LLGT27 | P,V,I,Obv | 1k | R3MR14 | 73.0 | | | 72.6 | 86.0 | 74.8 | 58.7 | 31 | 1.3 |
| Credenz | CZ 2040GTLL | 2.0 | LLGT27 | P,V,I,Obv | 1a | R3MR14 | 72.6 | 62.23 | 62.3 | 68.2 | 88.4 | 72.3 | 61.3 | 33 | 1.3 |
| Dairyland | DSR-1290E | 1.2 | E3 | EG,G,I,LUM | | R | 70.5 | | | 62.0 | 90.0 | 74.0 | 55.9 | 33 | 2.2 |
| Dairyland | DSR-1450E | 1.4 | E3 | EG,G,I,LUM | | R | *79.1 | | | 67.0 | *95.4 | 78.3 | *75.7 | 33 | 1.3 |
| Dairyland | DSR-1673E | 1.6 | E3 | EG,G,I,LUM | 1k | R | 71.6 | | | 72.2 | 84.3 | 68.4 | 61.5 | 30 | 1.3 |
| Dairyland | DSR-1707E | 1.7 | E3 | EG,G,I,LUM | 1k | R | 72.7 | | | 68.9 | 84.5 | 70.0 | 67.5 | 33 | 1.4 |
| Dairyland | DSR-1820E | 1.8 | E3 | EG,G,I,LUM | 1k | R | 73.3 | | | 66.9 | 87.5 | 71.8 | 66.8 | 30 | 1.0 |
| Dairyland | DSR-2030E | 1.9 | E3 | EG,G,I,LUM | 1c, 3a | R | 73.3 | | | 60.5 | 86.7 | 72.5 | 73.3 | 33 | 2.0 |
| Dairyland | DSR-2040E | 2.0 | E3 | EG,G,I,LUM | 1k | R | 76.3 | | | 66.1 | 92.3 | 77.0 | 69.8 | 31 | 1.3 |
| Dairyland | DSR-2112E | 2.1 | E3 | EG,G,I,LUM | | R | 70.7 | | | 61.0 | 83.5 | 73.6 | 64.6 | 35 | 1.4 |
| Dairyland | DSR-2222E | 2.2 | E3 | EG,G,I,LUM | 1c, 3a | R | 72.9 | | | 67.9 | 80.5 | 72.5 | 70.8 | 34 | 1.5 |
| DF Seeds | DF 3141 N E3 | 1.4 | E3 | DFender-N-I | 1k | R | 73.7 | 61.98 | | 67.6 | 89.6 | 73.1 | 64.3 | 33 | 1.5 |
| DF Seeds | DF 3172 N E3 | 1.7 | E3 | DFender-N-I | 3a | R | 75.9 | | | 67.8 | 92.2 | 75.3 | 68.1 | 32 | 2.3 |
| DF Seeds | DF 3191 N E3 | 1.9 | E3 | DFender-N-I | 1k | R | 78.9 | 65.8 | | 72.1 | 92.8 | *78.6 | 71.9 | 34 | 1.3 |
| DF Seeds | DF 3211 N E3 | 2.1 | E3 | DFender-N-I | 1k | R | 73.5 | 63.66 | | 58.9 | 91.6 | 76.1 | 67.5 | 33 | 1.5 |
| DF Seeds | DF 6210 N LLGT27 | 2.1 | GT27 | DFender-N-I | | R | 72.8 | 62.8 | 62.0 | 64.2 | 91.3 | 74.2 | 61.5 | 33 | 1.2 |
| Dyna-Gro | S15XF82 | 1.5 | XF | Equity VIP Saltro | 3a | MR | 76.6 | | | 68.6 | 95.3 | 76.3 | 66.0 | 36 | 1.8 |
| Dyna-Gro | S17XF02 | 1.7 | XF | Equity VIP Saltro | 1c | R | 76.3 | | | 77.3 | 87.6 | 73.9 | 66.5 | 33 | 1.3 |
| Dyna-Gro | S18EN52 | 1.8 | E3 | Equity VIP Saltro | 1c | MR | 72.8 | | | 72.0 | 82.4 | 65.7 | 71.0 | 34 | 1.4 |
| Dyna-Gro | S19EN21 | 1.9 | E3 | Equity VIP Saltro | | R | 78.2 | 68.5 | | 70.8 | 94.1 | 74.9 | 73.1 | 33 | 1.2 |
| Dyna-Gro | S21EN81 | 2.1 | E3 | Equity VIP Saltro | 1k | R | 77.2 | 68.6 | | 68.3 | 94.4 | 72.4 | 73.7 | 33 | 1.7 |
| Dyna-Gro | S21XF61 | 2.1 | XF | Equity VIP Saltro | 1c | R | 72.1 | | | 74.6 | 79.4 | 72.6 | 61.6 | 34 | 1.3 |
| Dyna-Gro | S21XF72 | 2.1 | XF | Equity VIP Saltro | 3a | R | 73.7 | | | 68.8 | 84.8 | 71.8 | 69.3 | 35 | 1.7 |
| Dyna-Gro | SX21321EN | 2.1 | E3 | Equity VIP Saltro | 1c | MR | 74.6 | | | 74.9 | 80.4 | 68.4 | 74.7 | 35 | 1.3 |
| Golden Harvest | GH1762XF | 1.7 | XF | CM,Vib,Saltro | 1c | MR3 | 75.9 | | | 75.2 | 90.8 | 75.3 | 62.2 | 36 | 1.8 |
| Golden Harvest | GH1802E3 | 1.8 | E3 | CM,Vib,Saltro | 1c | R3 | 69.0 | | | 59.3 | 81.4 | 71.8 | 63.6 | 35 | 1.5 |
| Golden Harvest | GH1922E3 | 1.9 | E3 | CM,Vib,Saltro | 1k | R3MR14 | 72.5 | | | 77.0 | 82.7 | 66.6 | 63.6 | 36 | 1.8 |
| Golden Harvest | GH1932XF | 1.9 | XF | CM,Vib,Saltro | 1c,3a | MR3 | 68.5 | | | 64.7 | 80.0 | 64.1 | 65.2 | 38 | 2.5 |
| Golden Harvest | GH2011E3 | 2.0 | E3 | CM,Vib,Saltro | 1c,3a | R3MR14 | 70.7 | 62.0 | | 65.9 | 83.2 | 72.1 | 61.7 | 34 | 1.4 |
| Golden Harvest | GH2041X | 2.0 | RR2X | CM,Vib,Saltro | 1c | R3MR14 | 70.8 | 64.55 | 63.8 | 57.2 | 85.4 | 75.5 | 65.1 | 33 | 1.7 |
| Golden Harvest | GH2102XF | 2.1 | XF | CM,Vib,Saltro | 1c | MR3 | 75.5 | | | 70.3 | 89.6 | 74.6 | 67.5 | 33 | 2.0 |
| Golden Harvest | GH2292E3 | 2.2 | E3 | CM,Vib,Saltro | 1c | MR3 | 74.4 | | | 73.3 | 89.8 | 74.7 | 59.8 | 32 | 1.5 |
| Local | IS1575E3 | 1.5 | E3 | Radius Premium | 1k | R3MR14 | 72.6 | | | 70.0 | 85.0 | 69.9 | 65.6 | 35 | 1.6 |
| Local | IS1843E3 | 1.8 | E3 | Radius Premium | 1c | R3 | 73.9 | | | 69.3 | 87.2 | 67.5 | 71.7 | 34 | 1.6 |
| Local | IS1929E3 | 1.9 | E3 | Radius Premium | | R3,MR14 | 74.1 | | | 59.3 | 93.0 | 73.6 | 70.3 | 34 | 1.1 |
| Local | LS1887X | 1.8 | RR2X | Radius Premium | 1a,3a | MR3,MR14 | 75.3 | 63.8 | 63.1 | 71.8 | 87.3 | 70.2 | 71.9 | 35 | 1.3 |
| M&W Seeds | M&W 21E26 | 2.1 | E3 | Titan N-H | | R3,MR14 | 68.5 | 62.46 | | 63.3 | 81.6 | 69.3 | 59.9 | 33 | 1.3 |
| MCIA | MCIA 2221 LL/GT | 2.2 | LL/GT | CM | | R | 72.2 | | | 63.6 | 89.2 | 71.5 | 64.3 | 35 | 1.2 |
| MSU | E19497GT | 1.5 | RR1 | DFender-N-I | | | 67.5 | | | 62.7 | 75.3 | 70.2 | 61.7 | 35 | 2.0 |

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|-------------------|-----------------|----------|------|------------------|--------|--------|---------------|--------------|--------------|--------------|-------------|-------------|-------------|-----------|------------|
| | | Group | Herb | | Res | SCN | 2021 AVG | 20-21 AVG | 19-21 AVG | 2021 AVERAGE | | | | Height | Lodging |
| | | | | | | | | | | Allegan | Ingham | Saginaw | Sanilac | | |
| NK | NK14-C7XF | 1.4 | XF | CM,Vib,Saltro | 1c | MR | 78.9 | | | *81.6 | 91.1 | 70.7 | 72.1 | 37 | 1.8 |
| NK | NK14-W6E3 | 1.4 | E3 | CM,Vib,Saltro | 1c,3a | R | 75.4 | | | 78.8 | 82.4 | 70.8 | 69.7 | 32 | 1.8 |
| NK | NK18-J7E3 | 1.8 | E3 | CM,Vib,Saltro | 1c | R | 72.3 | | | 67.0 | 86.3 | 68.1 | 67.9 | 34 | 1.5 |
| NK | NK21-H4XF | 2.1 | XF | CM,Vib,Saltro | 1c | MR | 75.3 | | | 65.0 | 89.2 | 74.3 | 72.5 | 35 | 2.2 |
| NK | NK22-C4E3 | 2.2 | E3 | CM,Vib,Saltro | 1c | R | 70.3 | | | 67.1 | 78.6 | 69.6 | 65.7 | 35 | 1.3 |
| Renk | GENESIS G1950E | 1.9 | E3 | ECL-Tri, Saltro | | R | 76.4 | | | 66.2 | 92.7 | 73.2 | 73.4 | 33 | 1.3 |
| Renk | GENESIS G2060E | 2.0 | E3 | ECL-Tri, Saltro | 1k | R | 77.5 | | | 72.1 | 91.9 | 74.5 | 71.3 | 35 | 1.9 |
| Renk | GENESIS G2150E | 2.1 | E3 | ECL-Tri, Saltro | 1k | R | 72.6 | 65.93 | | 58.2 | 89.7 | 73.7 | 68.6 | 32 | 1.3 |
| Renk | GENESIS G2190GL | 2.1 | E3 | ECL-Tri, Saltro | | R | 74.1 | 63.79 | | 69.8 | 90.1 | 73.3 | 63.1 | 32 | 1.3 |
| Renk | GENESIS G2260E | 2.2 | E3 | ECL-Tri, Saltro | | R | 70.6 | | | 59.7 | 88.2 | 68.8 | 65.6 | 32 | 1.3 |
| Renk | RENK RS212NXF | 2.1 | XF | ECL-Tri, Saltro | 3a | R | 69.2 | | | 63.2 | 83.9 | 70.8 | 58.8 | 33 | 1.7 |
| Renk | RENK RS219NX | 2.1 | RR2X | ECL-Tri, Saltro | 1a ,3a | R | 75.4 | | | 73.1 | 89.2 | 72.6 | 66.7 | 33 | 1.3 |
| Rupp | RS 18EL11 | 1.8 | E3 | AM-C | | R | 75.1 | | | 68.6 | 88.3 | 75.5 | 68.0 | 35 | 1.8 |
| Rupp | RS 20FX10 | 2.0 | XF | AM-C | 1c | R | 67.9 | | | 60.3 | 77.2 | 70.1 | 63.9 | 32 | 1.2 |
| Rupp | RS 21EL57 | 2.1 | E3 | AM-C | 1k | R | 71.5 | | | 64.6 | 92.7 | 70.0 | 58.8 | 31 | 1.5 |
| Specialty | 2194XF | 2.1 | XF | ACL | 1c | R3 | 70.0 | | | 61.8 | 82.5 | 67.6 | 68.2 | 38 | 2.1 |
| Specialty | 2204XF | 2.2 | XF | ACL | 1c | R3 | 68.3 | | | 58.1 | 83.7 | 71.9 | 59.3 | 32 | 1.3 |
| Xitavo | XO 1372E | 1.3 | E3 | P,V,I,Obv | | R3MR14 | 73.1 | | | 56.2 | 93.0 | 75.5 | 67.8 | 30 | 1.5 |
| Xitavo | XO 1451E | 1.4 | E3 | P,V,I,Obv | 1k | R3MR14 | 71.9 | | | 64.5 | 89.6 | 70.1 | 63.2 | 34 | 1.8 |
| Xitavo | XO 1632E | 1.6 | E3 | P,V,I,Obv | 3a | R3MR14 | 74.1 | | | 64.2 | 90.5 | 70.8 | 70.9 | 32 | 1.8 |
| Xitavo | XO 1761E | 1.7 | E3 | P,V,I,Obv | 1k | R3MR14 | 70.6 | | | 62.8 | 86.5 | 73.8 | 59.4 | 30 | 1.1 |
| Xitavo | XO 1822E | 1.8 | E3 | P,V,I,Obv | 3a | R3MR14 | 72.7 | | | 64.0 | 86.4 | 72.2 | 68.3 | 32 | 2.1 |
| Xitavo | XO 1971E | 1.9 | E3 | P,V,I,Obv | | R3MR14 | 78.2 | | | 73.9 | 95.4 | 73.7 | 69.7 | 33 | 1.3 |
| Xitavo | XO 2181E | 2.1 | E3 | P,V,I,Obv | 1k | R3MR14 | 72.7 | | | 66.3 | 91.0 | 69.8 | 63.5 | 32 | 1.6 |
| Xitavo | XO 2282E | 2.2 | E3 | P,V,I,Obv | | R3MR14 | 71.7 | | | 65.6 | 86.5 | 70.8 | 63.9 | 32 | 1.3 |
| GRAND MEAN | | | | | | | 72.2 | | | 67.0 | 87.0 | 72.1 | 66.2 | 33 | 1.5 |
| Max. | | | | | | | 79.1 | | | 81.6 | 95.4 | 78.6 | 75.7 | 38 | 2.5 |
| Min. | | | | | | | 63.5 | | | 50.0 | 72.0 | 64.1 | 55.9 | 30 | 1.0 |
| LSD (0.05) | | | | | | | 5.9 | | | 10.3 | 7.7 | 6.6 | 10.8 | | |
| CV (%) | | | | | | | 9.9 | | | 9.3 | 5.3 | 5.6 | 8.5 | | |

¹ Seed Treatment: See 'Seed Treatment' paragraph (under 'Using the Data') for product code

* High yield in plot

Top 1/3 of trial is Bold

^ data not available

Sanilac county rep 4 discarded because of bad spot in field