

Test by: M&D Seed Research, LLC Van Buren, IN

2023 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] MIDLAND, MI

K & H Farms, Chris Histed, Midland County, MI 48642

| | |
|-------------------------------|--|
| All-Season Test | 93 - 103 Day CRM B2023MITH02 |
| Top 30 of 48 | For Gross Income (Sorted by Yield) Average of (4) Replications |
| PREV. CROP/HERB: | Soybeans / Roundup, Liberty |
| SOIL DESCRIPTION: | Londo-Poseyville Complex loam, moderately drained, non- irrigated |
| SOIL CONDITION: | Minimum W/O Fall Till, very high P, very high K, 7.5 pH, 2.5% OM, 14.5 CEC |
| PEST MANAGEMENT: | Stalwart, Capreno, Atrazine |
| FERTILITY - Applied N: | 141 Spring, 40 Planter, Boron and K flex with planter |
| Applied N-P-K (units): | 181-24-0 |
| SEEDED - RATE - ROW: | May 10 33.6 /A 30" spacing |
| HARVESTED - STAND: | Nov 16 31.8 /A |

TEST COMMENTS:

This is a high fertility site that is well drained with good weed control. The site had good emergence and early season health with a dry late spring. July and August saw good rain to help with growth and aid in pollinations. Corn was standing well at harvest with uniform moistures and above-average yields. Corn was dry at harvest for the year with many of the hybrids in the teens.

| Company/Brand | Product/Brand | Technol.† | RM | Yield Bu/A ↓ | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|----------------|-----------|-----|--------------|------------|-----------|----------------|----------------------|------|
| M & W Seeds | MW 97A VT2P ↗ | VT2P | 97 | 261.0 | 17.6 | 1 | 32.5 | 1087 | 1 |
| M & W Seeds | MW 45T56 ↗ | VT2P | 100 | 240.8 | 17.6 | 1 | 32.8 | 1003 | 2 |
| Dairyland | DS-3900AM ↗ | AM | 99 | 233.8 | 18.5 | 1 | 31.8 | 966 | 3 |
| NK Brand | NK0243-D ↗ | D | 102 | 232.3 | 17.9 | 1 | 32.5 | 965 | 4 |
| Dairyland | DS-3601AM ↗ | AM | 96 | 230.0 | 17.1 | 1 | 32.5 | 963 | 5 |
| Legacy | LC-4248 ↗ | VT2P | 100 | 225.9 | 17.8 | 1 | 33.5 | 939 | 6 |
| Legacy | LC512-22 ↗ | VT2P | 101 | 223.9 | 17.7 | 1 | 30.7 | 932 | 7 |
| Dyna-Gro | D34SS93RIB ↗ | STX | 94 | 223.7 | 17.7 | 1 | 32.4 | 931 | 8 |
| Dairyland | DS-4365AM ↗ | AM | 103 | 222.4 | 18.2 | 1 | 31.1 | 921 | 12 |
| Integra | 4993 TRERIB ↗ | TRE | 99 | 222.2 | 17.0 | 1 | 32.8 | 931 | 9 |
| Legacy | LC451-21 ↗ | VT2P | 95 | 221.4 | 16.6 | 1 | 30.4 | 931 | 10 |
| Renk | RK628VT2P ↗ | VT2P | 102 | 221.4 | 17.3 | 1 | 31.4 | 925 | 11 |
| Legacy | LC465-23 ↗ | PCE | 96 | 221.1 | 17.9 | 1 | 33.5 | 918 | 13 |
| NK Brand | NK0295-AA ↗ | AA | 102 | 219.3 | 18.8 | 1 | 33.5 | 902 | 16 |
| M & W Seeds | MW 46T29 ↗ | VT2P | 99 | 218.6 | 17.6 | 1 | 32.1 | 911 | 14 |
| Legacy | LC474-23 ↗ | PCE | 97 | 216.4 | 17.0 | 1 | 32.5 | 907 | 15 |
| Rob-See-Co | D98-43-TRE ↗ | TRE | 98 | 213.6 | 16.7 | 1 | 32.8 | 897 | 17 |
| Integra | 4702 VT2PRIB ↗ | VT2P | 97 | 213.0 | 16.6 | 1 | 32.8 | 896 | 18 |
| Renk | RK597SSPRO ↗ | STXP | 99 | 212.1 | 17.9 | 1 | 32.1 | 881 | 20 |
| Integra | 4601 VT2PRIB ↗ | VT2P | 96 | 211.5 | 16.7 | 1 | 31.8 | 889 | 19 |
| M & W Seeds | MW A96 PWR ↗ | PC | 96 | 209.1 | 17.8 | 1 | 28.6 | 870 | 23 |
| Renk | RK609VT2P ↗ | VT2P | 101 | 208.3 | 17.1 | 1 | 31.0 | 872 | 22 |
| NK Brand | NK9832-AA ↗ | AA | 98 | 207.3 | 17.4 | 1 | 33.5 | 865 | 24 |
| M & W Seeds | MW 103A VT2P ↗ | VT2P | 103 | 207.1 | 18.1 | 1 | 32.5 | 859 | 27 |
| Rob-See-Co | RC4518-VT2P ↗ | VT2P | 95 | 206.8 | 16.3 | 1 | 32.8 | 873 | 21 |
| Renk | RK571PWE ↗ | PCE | 96 | 206.8 | 18.2 | 1 | 31.8 | 857 | 29 |
| Golden Harvest | G97B68-DV ↗ | DV | 97 | 206.4 | 17.5 | 1 | 32.5 | 861 | 26 |
| Renk | RK582SSTX ↗ | STX | 98 | 206.0 | 17.2 | 1 | 32.5 | 862 | 25 |
| Dairyland | DS-3599Q ↗ | QR | 95 | 205.6 | 17.4 | 1 | 29.7 | 858 | 28 |
| M & W Seeds | MW EXP 96 DV ↗ | DV | 96 | 205.5 | 17.7 | 1 | 33.2 | 855 | 30 |



Matt Turner

mattturner1979@yahoo.com, (317) 606-9040

Averages = **210.0** 17.7 1 31.8 874

LSD (0.10) = 19.3 0.4 ns

LSD (0.25) = 10.1 0.2 ns

C.V. = 10.1 Historic yield: 194.47 bu/a, 7 yr(s)

Yield & Income Factors: Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.25; non-GMO = \$4.75

Report Date: 11/17/2023

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

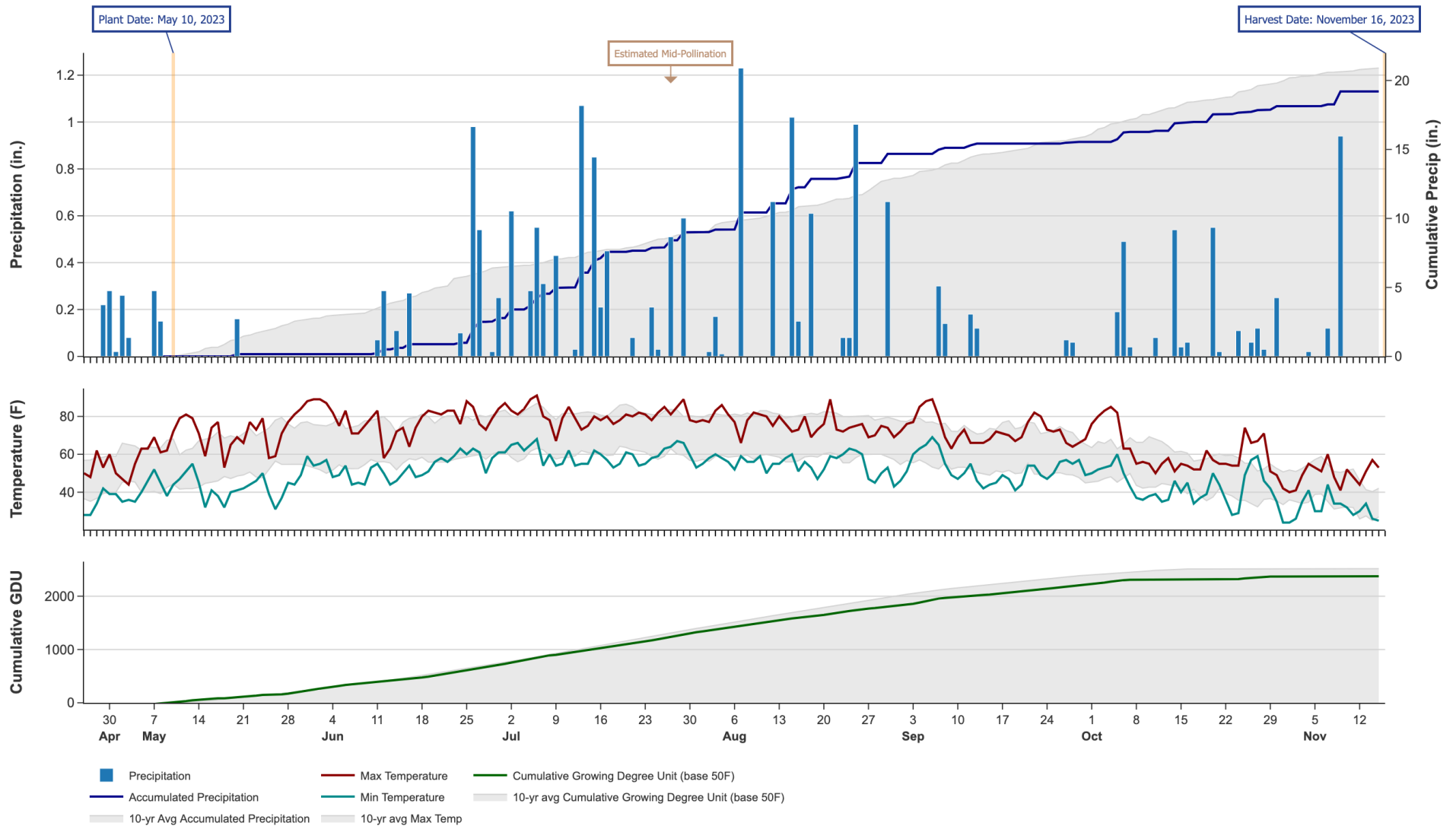
©2023, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

Additional reports available at www.firstseedtests.com

2023 Corn - Michigan Thumb [MITH]

Weather Conditions Summary at MIDLAND, MI

| Monthly Total | Apr* | May | Jun | Jul | Aug | Sep | Oct | Nov* | Total |
|----------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| Precip (in) (Diff) | 0.5 0.5 (0.0) | 0.9 3.7 (-2.7) | 2.6 3.7 (-1.1) | 6.2 2.5 (+3.7) | 5.7 4.0 (+1.7) | 0.9 3.0 (-2.1) | 2.6 4.0 (-1.5) | 1.1 0.9 (+0.2) | 20.5 22.3 (-1.8) |
| GDU Avg (Diff) | 5 0 (+5) | 273 302 (-29) | 480 505 (-25) | 616 654 (-38) | 490 607 (-117) | 394 391 (+2) | 162 122 (+39) | 5 0 (+5) | 2425 2582 (-157) |



* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

2023 Corn - Michigan Thumb [MITH]

All-Season Test Products (48 Total)

| Company/Brand | Product/Brand | Technology | RIB | RM | Seed Treat. |
|----------------|---------------|------------|-----|-----|--------------|
| Augusta | A1946-AA | AA | N | 96 | CM,C2 |
| Augusta | A2048-AA | AA | N | 98 | CM,C5 |
| Augusta | A2541-5222 | DV | Y | 91 | CM,C2 |
| Dairyland | DS-3477AM | AM | Y | 94 | Lum, L1 |
| Dairyland | DS-3599Q | QR | Y | 95 | Lum, L1 |
| Dairyland | DS-3601AM | AM | Y | 96 | Lum |
| Dairyland | DS-3900AM | AM | Y | 99 | Lum, L1 |
| Dairyland | DS-4003Q | QR | Y | 100 | Lum, L1 |
| Dairyland | DS-4219AM | AM | Y | 102 | Lum, L1 |
| Dairyland | DS-4365AM | AM | Y | 103 | Lum, L1 |
| Dyna-Gro | D34SS93RIB | STX | Y | 94 | AC,P5V |
| Dyna-Gro | D41TC74RIB | TRE | Y* | 101 | AC,P5V |
| Golden Harvest | G01B63-AA | AA | Y | 101 | CM,C5,Va |
| Golden Harvest | G03B19-AA | AA | Y | 103 | CM,C5,Va |
| Golden Harvest | G97B68-DV | DV | Y | 97 | AVC,C1,Va |
| Golden Harvest | G98B99-AA | AA | Y | 98 | CM,C5,Va |
| Integra | 4601 VT2PRIB | VT2P | Y* | 96 | AC,P5V,SU |
| Integra | 4702 VT2PRIB | VT2P | Y | 97 | AC,P5V,SU+Zn |
| Integra | 4993 TRERIB | TRE | N | 99 | AC,P5V,SU+Zn |
| Legacy | LC-4248 | VT2P | Y | 100 | AC,P2,Va,Zn |
| Legacy | LC451-21 | VT2P | N | 95 | AC,P2,Va,Zn |
| Legacy | LC465-23 | PCE | Y | 96 | CM,C2,Vi,Va |
| Legacy | LC474-23 | PCE | N | 97 | CM,C2,Vi,Va |
| Legacy | LC512-22 | VT2P | N | 101 | AC,P2,Va,Zn |
| Legacy | LC534-23 | TRE | N | 103 | AC,P5V |
| M & W Seeds | MW 103A VT2P | VT2P | Y | 103 | Ti |
| M & W Seeds | MW 45T56 | VT2P | Y | 100 | Ti |
| M & W Seeds | MW 46T29 | VT2P | Y | 99 | Ti |
| M & W Seeds | MW 97A VT2P | VT2P | Y | 97 | Ti |
| M & W Seeds | MW A96 PWR | PC | Y | 96 | Ti |
| M & W Seeds | MW B101 AA | AA | Y | 101 | Ti |
| M & W Seeds | MW EXP 96 DV | DV | Y | 96 | Ti |
| NK Brand | NK0243-D | D | Y | 102 | AVC,C1,Va |
| NK Brand | NK0295-AA | AA | Y | 102 | CM,C5,Va |
| NK Brand | NK9771-DV | DV | Y | 97 | AVC,C1,Va |
| NK Brand | NK9832-AA | AA | Y | 98 | CM,C5,Va |
| Renk | RK571PWE | PCE | N | 96 | Lum,P5V |
| Renk | RK582SSTX | STX | N | 98 | AC,P5V |
| Renk | RK597SSPRO | STXP | N | 99 | AC,P5V,B300 |
| Renk | RK609VT2P | VT2P | Y | 101 | AC,P5V,B300 |
| Renk | RK628VT2P | VT2P | N | 102 | AC,P5V,B300 |
| Rob-See-Co | D01-90-VT2P | VT2P | Y | 101 | AVC,C2,Vi,Va |

| Company/Brand | Brand/Product | Technology | RIB | RM | Seed Treat. |
|---------------|---------------|------------|-----|-----|-------------|
| Rob-See-Co | D97-95-VT2P | VT2P | Y | 97 | CM,C2,Vi,Va |
| Rob-See-Co | D98-43-TRE | TRE | Y | 98 | CM,C2,Vi,Va |
| Rob-See-Co | RC4518-VT2P | VT2P | Y | 95 | CM,C2,Vi,Va |
| Rob-See-Co | RC4779-PCE | PCE | N | 97 | CM,C2,Vi,Va |
| Rob-See-Co | RC5062-AA | AA | Y | 100 | CM,C2,Vi,Va |
| Rob-See-Co | RC5134-PCE | PCE | N | 101 | CM,C2,Vi,Va |

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

Footnotes and Abbreviations Descriptions

Brand Footnotes

| | |
|----|--|
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by FIRST when space permits. |
| ^ | Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience. |

Corn Technologies

| | |
|------|---|
| AA | Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120 |
| AM | Optimum® AcreMax® |
| D | Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122 |
| DV | DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222 |
| PC | PowerCore® |
| PCE | PowerCore® Enlist® |
| QR | Qrome® |
| STX | SmartStax® |
| STXP | SmartStax® Pro with RNAi Technology |
| TRE | Trecepta® |
| VT2P | VT Double PRO® |

NOTE: The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments*

| | |
|--------------|--|
| NA | Not Available |
| AC,P2,Va,Zn | Acceleron® 250, Vayantis® + Zn |
| AC,P5V | Acceleron® Poncho 500/Votivo |
| AC,P5V,B300 | Acceleron® Poncho 500/Votivo with B-300 SAT |
| AC,P5V,SU | Acceleron® Poncho 500/Votivo, StepUp |
| AC,P5V,SU+Zn | Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn |
| AVC,C1,Va | Avicta® Complete 1250 with Vayantis® |
| AVC,C2,Vi,Va | Avicta® Complete 250, Vibrance®, Vayantis® |
| CM,C2 | CruiserMaxx® 250 |
| CM,C2,Vi,Va | CruiserMaxx® 250 with Vibrance, Vayantis® |
| CM,C5 | Cruisermaxx® 500 |
| CM,C5,Va | CruiserMaxx® 500 with Vayantis® |
| Lum | LumiGEN™ (Corteva Agriscience) |
| Lum, L1 | LumiGEN, Lumisure 1250 |
| Lum,P5V | LumiGEN™ Poncho 500/Votivo |
| Ti | Titan Corn 250 (M & W Seeds) |

* Seed treatments may include unspecified plant health promoting components.