

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

## 2022 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] REESE, MI

Robert Rau, Bay County, MI 48757

|                               |                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------|
| <b>All-Season Test</b>        | 93 - 103 Day CRM<br>B2022MITH03                                                      |
| <b>Top 30 of 48</b>           | For Gross Income<br>(Sorted by Yield)<br>Average of (4) Replications                 |
| <b>PREV. CROP/HERB:</b>       | Wheat / Roundup                                                                      |
| <b>SOIL DESCRIPTION:</b>      | Tappen-Londo loam, moderately<br>drained, non-irrigated                              |
| <b>SOIL CONDITION:</b>        | Conventional W/ Fall Till, very<br>high P, very high K, 5.2 pH,<br>2.6% OM, 12.7 CEC |
| <b>PEST MANAGEMENT:</b>       | Roundup, Atrazine, Quilt                                                             |
| <b>FERTILITY - Applied N:</b> | 200 Spring                                                                           |
| <b>Applied N-P-K (units):</b> | 200-200-0                                                                            |
| <b>SEEDED - RATE - ROW:</b>   | May 12 33.6 /A 30" spacing                                                           |
| <b>HARVESTED - STAND:</b>     | Nov 10 32.9 /A                                                                       |

### TEST COMMENTS:

*This is a high fertility well-drained location that planted well following wheat. The site received good moisture during the growing season and never had too much rain to cause problems. Good weather during pollinating and grain fill had ears filled to the tip with heavy kernels. The site harvested great with little lodging and healthy stalks late into the season. An overall great location.*

| Company/Brand  | Product/Brand   | Technol.† | RM  | Yield<br>Bu/A ↓ | Moisture<br>% | Lodging<br>% | Stand<br>(x 1000) | Gross Income<br>\$/Acre | Rank |
|----------------|-----------------|-----------|-----|-----------------|---------------|--------------|-------------------|-------------------------|------|
| Pioneer        | P9823Q GC ↗     | QR        | 98  | <b>242.4</b>    | 16.8          | 1            | 31.8              | 1623                    | 1    |
| Renk           | RK615SSTX ↗     | STX       | 102 | <b>239.9</b>    | 17.8          | 1            | 33.5              | 1597                    | 2    |
| Renk           | RK600VT2P ↗     | VT2P      | 100 | <b>239.7</b>    | 18.1          | 1            | 33.5              | 1593                    | 4    |
| Augusta        | A2050 VT2P ↗    | VT2P      | 100 | <b>239.4</b>    | 17.7          | 1            | 33.2              | 1595                    | 3    |
| M & W Seeds    | 45V21 ↗         | VT2P      | 103 | <b>238.5</b>    | 17.6          | 1            | 33.5              | 1589                    | 7    |
| Legacy         | LC-4248 SS ↗    | STX       | 100 | 237.7           | 16.8          | 2            | 33.5              | 1592                    | 5    |
| Legacy         | LC482-21 ↗      | VT2P      | 98  | 237.5           | 16.9          | 1            | 33.0              | 1590                    | 6    |
| Golden Harvest | G97A36-V ↗      | V         | 97  | 237.1           | 17.0          | 1            | 33.5              | 1586                    | 8    |
| Dairyland      | DS-4014Q ↗      | QR        | 100 | 236.6           | 18.1          | 1            | 31.1              | 1573                    | 10   |
| M & W Seeds    | 46T29 ↗         | VT2P      | 99  | 236.4           | 16.5          | 1            | 31.4              | 1586                    | 9    |
| Dairyland      | DS-4219AM ↗     | AM        | 102 | 235.8           | 17.6          | 1            | 33.5              | 1572                    | 11   |
| Dyna-Gro       | D40VC41RIB ↗    | VT2P      | 100 | 234.2           | 17.6          | 1            | 33.2              | 1561                    | 15   |
| Renk           | RK590VT2P ↗     | VT2P      | 98  | 234.0           | 17.3          | 1            | 33.2              | 1563                    | 13   |
| Dyna-Gro       | D34VC93 ↗       | VT2P      | 94  | 233.2           | 16.5          | 1            | 33.2              | 1565                    | 12   |
| Dyna-Gro       | D36VC66RIB ↗    | VT2P      | 97  | 233.0           | 17.1          | 1            | 32.8              | 1558                    | 16   |
| Dairyland      | DS-3601AM ↗     | AM        | 96  | 232.4           | 16.2          | 1            | 33.5              | 1562                    | 14   |
| M & W Seeds    | MW 97A VT2P ↗   | VT2P      | 97  | 232.1           | 16.7          | 1            | 33.2              | 1556                    | 17   |
| Rob-See-Co     | D97-95 ↗        | VT2P      | 97  | 230.4           | 16.8          | 1            | 31.8              | 1543                    | 18   |
| NK Brand       | NK0007-AA ↗     | AA        | 100 | 230.4           | 17.3          | 1            | 32.5              | 1539                    | 20   |
| Rob-See-Co     | D99-08 ↗        | VT2P      | 99  | 230.0           | 17.7          | 1            | 32.1              | 1532                    | 21   |
| Integra        | 4601 VT2PRIB ↗  | VT2P      | 96  | 229.8           | 16.7          | 1            | 33.5              | 1541                    | 19   |
| Augusta        | A2150-5222-EZ ↗ | DV        | 100 | 227.3           | 18.4          | 1            | 33.5              | 1508                    | 27   |
| Dairyland      | DS-3959Q ↗      | QR        | 99  | 227.3           | 16.6          | 2            | 33.2              | 1524                    | 22   |
| Dairyland      | DS-4018AM ↗     | AM        | 101 | 226.9           | 17.2          | 1            | 33.5              | 1515                    | 25   |
| Integra        | 4993 TRERIB ↗   | TRE       | 99  | 226.3           | 16.4          | 1            | 33.5              | 1518                    | 23   |
| Legacy         | LC451-21 ↗      | VT2P      | 95  | 226.0           | 16.4          | 2            | 32.5              | 1518                    | 24   |
| Renk           | RK597SSPRO ↗    | STXP      | 99  | 225.9           | 16.9          | 1            | 32.5              | 1512                    | 26   |
| Integra        | 5052 VT2PRIB ↗  | VT2P      | 100 | 223.8           | 17.0          | 1            | 33.2              | 1498                    | 28   |
| Dairyland      | DS-3900AM ↗     | AM        | 99  | 223.1           | 17.1          | 2            | 32.5              | 1492                    | 29   |
| Legacy         | LC-5217 SS ↗    | STX       | 102 | 222.4           | 17.5          | 1            | 33.5              | 1484                    | 30   |

*Matt Turner*

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Averages = **225.3** **17.0** **1** **32.9** **1507**

LSD (0.10) = 12.7 0.4 ns

LSD (0.25) = 6.7 0.2 ns

C.V. = 6.2 Historic yield: 198.85 bu/a, 4 yr(s)

**Yield & Income Factors:** Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.75; non-GMO = \$6.75

Report Date: 11/11/2022

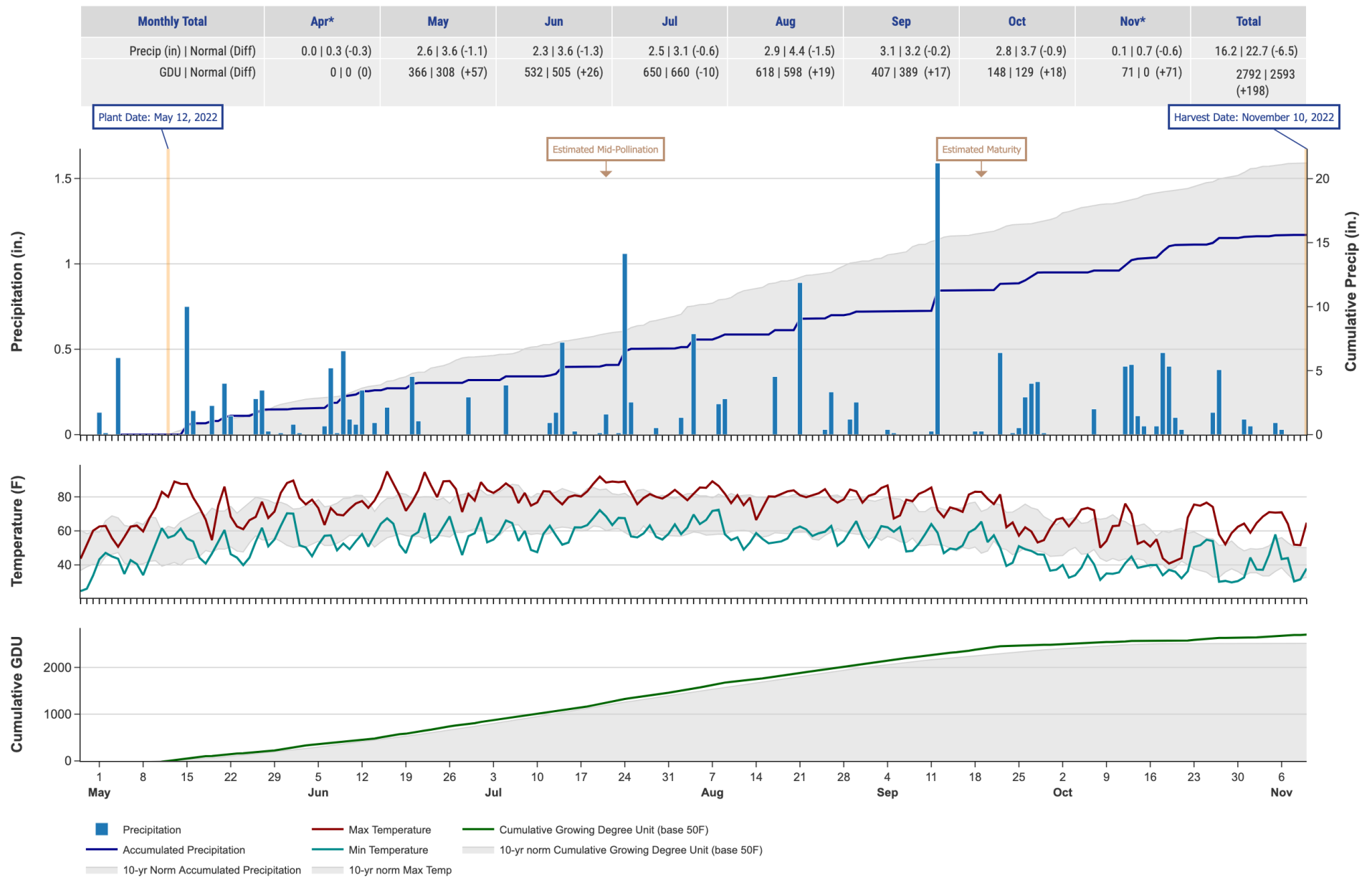
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

† 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](http://www.firstseedtests.com)

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## 2022 Corn - Michigan Thumb [ MITH ]

### Weather Conditions Summary at REESE, MI



\* 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.

## 2022 Corn - Michigan Thumb [ MITH ]

### All-Season Test Products (48 Total)

| Company/Brand  | Product/Brand   | Technology | RIB | RM  | Seed Treat.  |
|----------------|-----------------|------------|-----|-----|--------------|
| Augusta        | A2050 VT2P      | VT2P       | N   | 100 | AC250        |
| Augusta        | A2150-5222-EZ   | DV         | Y   | 100 | CM,C2,Vi     |
| Augusta        | A22-250         | AA         | Y   | 100 | AC,P5        |
| Channel        | 197-27STXRIB GC | STX        | Y   | 97  | AC,P5V,EDC-B |
| Dairyland      | DS-3601AM       | AM         | Y   | 96  | Lum, L1      |
| Dairyland      | DS-3727AM       | AM         | Y   | 97  | Lum, L1      |
| Dairyland      | DS-3900AM       | AM         | Y   | 99  | Lum, L1      |
| Dairyland      | DS-3959Q        | QR         | Y   | 99  | Lum, L1      |
| Dairyland      | DS-4014Q        | QR         | Y   | 100 | Lum, L1      |
| Dairyland      | DS-4018AM       | AM         | Y   | 101 | Lum, L1      |
| Dairyland      | DS-4219AM       | AM         | Y   | 102 | Lum, L1      |
| Dyna-Gro       | D34VC93         | VT2P       | N   | 94  | AC,P5V,EDC-B |
| Dyna-Gro       | D36VC66RIB      | VT2P       | N   | 97  | AC,P5V       |
| Dyna-Gro       | D40VC41RIB      | VT2P       | N   | 100 | AC,P5V       |
| Dyna-Gro       | D41SS60         | STX        | N   | 101 | AC,P5V       |
| Golden Harvest | G02K39-D        | D          | Y   | 102 | AVC,C2,Vi,Va |
| Golden Harvest | G93A49-D        | D          | Y   | 93  | AVC,C2,Vi,Va |
| Golden Harvest | G97A36-V        | V          | Y   | 97  | AVC,C2,Vi,Va |
| Golden Harvest | G99A37-DV       | DV         | Y   | 99  | AVC,C2,Vi,Va |
| Integra        | 4601 VT2PRIB    | VT2P       | Y   | 96  | AC,P5V,SU+Zn |
| Integra        | 4993 TRERIB     | TRE        | N   | 99  | AC,P5V       |
| Integra        | 5052 VT2PRIB    | VT2P       | Y   | 100 | AC,P5V,SU+Zn |
| Legacy         | LC-4248 SS      | STX        | Y   | 100 | AC,P5V       |
| Legacy         | LC451-21        | VT2P       | N   | 95  | AC,P2        |
| Legacy         | LC474-20        | TRE        | N   | 97  | AC,P2        |
| Legacy         | LC482-21        | VT2P       | N   | 98  | AC,P2V       |
| Legacy         | LC-5217 SS      | STX        | Y   | 102 | AC,P5V       |
| M & W Seeds    | 45V21           | VT2P       | Y   | 103 | Ti           |
| M & W Seeds    | 46T29           | VT2P       | Y   | 99  | Ti           |
| M & W Seeds    | MW 97A VT2P     | VT2P       | Y   | 97  | Ti           |
| M & W Seeds    | MW 98A TRE      | TRE        | Y   | 98  | Ti           |
| NK Brand       | NK0007-AA       | AA         | Y   | 100 | AVC,C2,Vi,Va |
| NK Brand       | NK9347-D        | D          | Y   | 93  | AVC,C2,Vi,Va |
| NK Brand       | NK9874-V        | V          | Y   | 98  | AVC,C2,Vi,Va |
| NK Brand       | NK9922-DV       | DV         | Y   | 99  | AVC,C2,Vi,Va |
| Pioneer        | P0035AM GC      | AM         | Y   | 100 | Lum, L1      |
| Pioneer        | P9823Q GC       | QR         | Y   | 98  | Lum, L1      |
| Renk           | RK502SSTX       | STX        | N   | 95  | AC,P5V       |
| Renk           | RK561DGV2P      | VT2PDG     | N   | 95  | AC,P2        |
| Renk           | RK579DGV2P      | VT2PDG     | Y   | 99  | AC,P2        |
| Renk           | RK590VT2P       | VT2P       | N   | 98  | AC,P2        |
| Renk           | RK597SSPRO      | STXP       | N   | 99  | AC,P5V       |

| Company/Brand | Brand/Product | Technology | RIB | RM  | Seed Treat. |
|---------------|---------------|------------|-----|-----|-------------|
| Renk          | RK600VT2P     | VT2P       | N   | 100 | AC,P2       |
| Renk          | RK615SSTX     | STX        | Y   | 102 | AC,P5V      |
| Rob-See-Co    | D97-95        | VT2P       | Y   | 97  | AC,P2,Sb    |
| Rob-See-Co    | D98-43        | TRE        | Y   | 98  | AC,P2,Sb    |
| Rob-See-Co    | D99-08        | VT2P       | Y   | 99  | AC,P2,Sb    |
| Rob-See-Co    | RC4518-VT2P   | VT2P       | Y   | 94  | AC,P5V      |

\* 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

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

### Corn Technologies

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|        |                                                                             |
|--------|-----------------------------------------------------------------------------|
| 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 |
| QR     | Qrome™                                                                      |
| STX    | SmartStax®                                                                  |
| STXP   | SmartStax® Pro                                                              |
| TRE    | Trecepta®                                                                   |
| V      | Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220                 |
| VT2P   | VT Double PRO®                                                              |
| VT2PDG | VT Double PRO® DroughtGard®                                                 |

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

### Corn Seed Treatments\*

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|              |                                                                  |
|--------------|------------------------------------------------------------------|
| NA           | Not Available                                                    |
| AC250        | Acceleron® 250                                                   |
| AC,P2        | Acceleron® 250                                                   |
| AC,P2,Sb     | Acceleron® 250, SabrEx Innoculant                                |
| AC,P2V       | Acceleron® Poncho 250/Votivo                                     |
| AC,P5        | Acceleron® 500                                                   |
| AC,P5V       | Acceleron® Poncho 500/Votivo                                     |
| AC,P5V,EDC-B | Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control |
| AC,P5V,SU+Zn | Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn               |
| AVC,C2,Vi,Va | Avicta® Complete 250, Vibrance®, Vayantis®                       |
| CM,C2,Vi     | CruiserMaxx® 250 with Vibrance                                   |
| Lum, L1      | (2022) LumiGEN, Lumisure 1250                                    |
| Ti           | Titan Corn 250 (M & W Seeds)                                     |

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\* Seed treatments may include unspecified plant health promoting components.