

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

## 2021 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] MIDLAND, MI  
K & H Farms, Chris Histed, Midland County, MI 48642

<b>All-Season Test</b>	93 - 103 Day CRM B2021MITH02
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Metrabuzin, Glyphosate, Dicamba
<b>SOIL DESCRIPTION:</b>	Londo-Poseyville loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	Minimum W/O Fall Till, very high P, very high K, 7.5 pH, 2.9% OM, 17.4 CEC
<b>PEST MANAGEMENT:</b>	Laudis, Atrazine, Stalwart
<b>FERTILITY - Applied N:</b>	105 Spring, 90 Sidedress, 4 gal of triple option and super k + B at plant
<b>Applied N-P-K (units):</b>	195-0-0
<b>SEEDED - RATE - ROW:</b>	May 1 33.6 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 27 32.8 /A

### TEST COMMENTS:

*This was an early planted site for the area. A cool, dry stretch of weather after planting caused a delay in emergence. After soil temperatures came up, emergence was good with lots of early-season growth. The plot had some frost after emergence, but it did not appear to affect the final yield. The site received good rains during the growing season that helped in pollination and filling ears to the tip. There were healthy stalks at harvest.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Legacy	LC-4248 ↗	VT2P	100	<b>276.0</b>	19.8	1	33.5	1351	1
Renk	RK485DGVT2P ↗	VT2PDG	94	<b>273.3</b>	18.9	1	33.5	1343	2
Legacy	LC451-21 ↗	VT2P	95	<b>270.7</b>	18.5	1	33.1	1333	3
NK Brand	NK0243-3120 EZR ↗	3120	102	<b>259.9</b>	20.0	1	32.9	1270	5
Renk	RK590VT2P ↗	VT2P	98	<b>259.4</b>	18.7	1	32.5	1277	4
Rupp	XR D99-08 ↗	VT2P	99	<b>258.9</b>	20.2	1	33.1	1264	9
Renk	RK579DGVT2P ↗	VT2PDG	99	<b>258.3</b>	19.0	1	33.2	1269	6
Dyna-Gro	D40VC41 ↗	VT2P	100	<b>258.2</b>	19.4	2	33.1	1266	8
Specialty	27D728 ↗	VT2P	97	<b>258.0</b>	18.7	1	33.2	1269	7
Renk	RK593VT2PRIB ↗	VT2P	97	255.6	18.6	1	32.6	1258	10
Dyna-Gro	D41SS60 ↗	STX	101	251.7	19.2	1	32.5	1235	11
Specialty	31D921 ↗	VT2P	101	250.0	18.6	1	32.9	1231	12
Golden Harvest	G99E68-5122 EZR ↗	5122	99	249.6	19.7	1	33.1	1222	13
Dairyland	DS-4014Q ↗	QR	100	248.7	19.7	1	32.9	1217	14
Rupp	XR D03-07 ↗	VT2P	103	247.8	19.2	1	33.1	1216	15
Renk	RK600VT2P ↗	VT2P	100	246.5	19.1	1	32.5	1210	17
Legacy	LC474-20 ↗	TRE	97	246.5	18.6	1	31.9	1213	16
M & W Seeds	45V21 ↗	VT2P	103	246.3	19.4	1	32.9	1208	18
Rupp	XR D98-43 ↗	TRE	98	244.4	18.4	1	33.5	1204	19
Integra	4601 VT2PRIB ↗	VT2P	96	242.6	18.6	1	33.1	1194	20
M & W Seeds	MW97A ↗	VT2P	97	241.0	18.5	1	32.6	1187	21
Dairyland	DS-4310AM ↗	AM	103	236.8	21.2	1	32.9	1151	28
Dairyland	DS-4018AM ↗	AM	101	236.5	19.7	1	33.2	1158	23
M & W Seeds	46T29 ↗	VT2P	99	236.2	18.2	1	33.5	1165	22
Integra	5280 VT2PRIB ↗	VT2P	102	235.9	19.2	1	32.5	1158	24
Legacy	LC-5217 ↗	VT2P	102	235.5	18.9	1	33.1	1158	25
Rupp	XR D01-90 ↗	VT2P	101	235.0	18.9	1	32.2	1155	27
Renk	RK429-3220A ↗	3220A	93	234.5	18.3	1	33.2	1156	26
Renk	RK561DGVT2PRIB ↗	VT2PDG	95	233.4	18.2	1	32.5	1151	29
Dyna-Gro	D37VC64 ↗	VT2P	97	232.9	18.1	1	32.6	1149	30

*Matt Turner*

Matt Turner

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Averages = **239.6** **19.3** **2** **32.8** **1176**

LSD (0.10) = 17.2 0.5 ns

LSD (0.25) = 9.0 0.3 ns

C.V. = 7.9

Historic yield: 180.99 bu/a, 5 yr(s)

**Yield & Income Factors:** Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.00; non-GMO = \$5.00

Report Date: 10/28/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

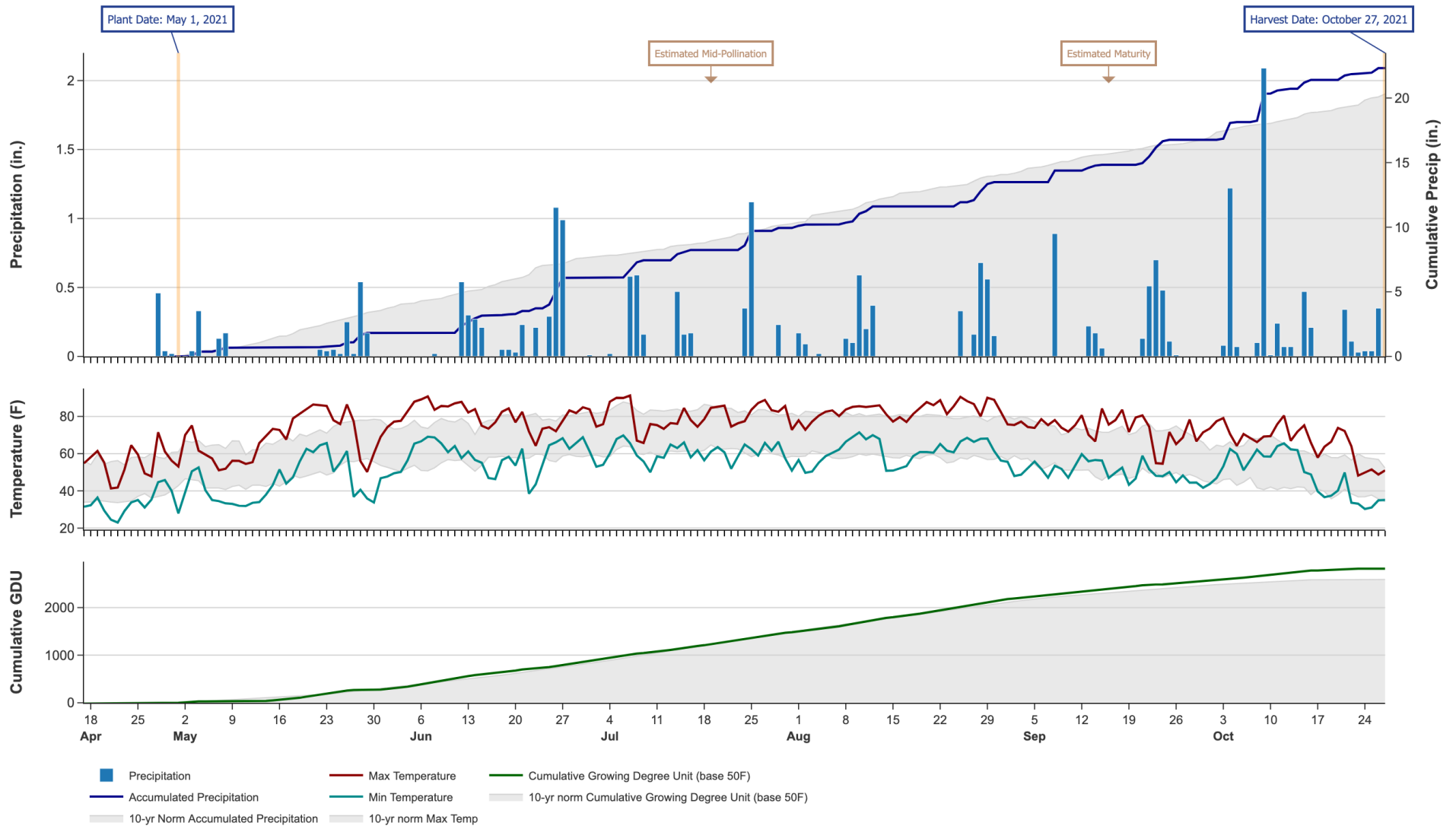
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# 2021 Corn - Michigan Thumb [ MITH ]

## Weather Conditions Summary at MIDLAND, MI

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.5   1.6 (-1.1)	1.8   3.8 (-2.0)	4.3   4.1 (+0.2)	3.9   2.7 (+1.2)	3.5   3.8 (-0.2)	3.3   2.7 (+0.6)	5.5   3.5 (+2.0)	22.8   22.2 (+0.6)
GDU   Normal (Diff)	16   5 (+10)	279   314 (-35)	588   499 (+88)	617   682 (-65)	680   600 (+79)	385   379 (+5)	268   118 (+149)	2833   2600 (+232)



\* 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.

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

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1849-5122-EZ	5122	Y	99	AVC,C2
Augusta	A3052-5222-EZ	5222	Y	102	CM,C2
Dairyland	DS-3550AM	AM	Y	95	Lum,P1V
Dairyland	DS-3715AM	AM	Y	97	Lum,P1V
Dairyland	DS-3727AM	AM	Y	97	Lum,P1V
Dairyland	DS-4000AMXT	AMXT	Y*	100	Lum,P1V
Dairyland	DS-4014Q	QR	Y	100	Lum,P1V
Dairyland	DS-4018AM	AM	Y	101	Lum,P1V
Dairyland	DS-4310AM	AM	Y	103	Lum,P1V
Dyna-Gro	D37VC64	VT2P	N	97	AC,P5V
Dyna-Gro	D40VC41	VT2P	N	100	AC,P5V
Dyna-Gro	D41SS60	STX	N	101	AC,P5V
Dyna-Gro	D43VC81	VT2P	N	102	AC,P5V
Golden Harvest	G00H12-5122 EZR	5122	Y	100	AVC,C2,Vi
Golden Harvest	G02K39-3120 EZR	3120	Y	102	AVC,C2,Vi
Golden Harvest	G03B96-5122 EZR	5122	Y	103	AVC,C2,Vi
Golden Harvest	G95D32-3220 EZR	3220	Y	95	AVC,C2,Vi
Golden Harvest	G99E68-5122 EZR	5122	Y	99	AVC,C2,Vi
Integra	4601 VT2PRIB	VT2P	Y	96	AC,P2,SU
Integra	4888 VT2PRIB	VT2P	Y	98	AC,P5,SU
Integra	5052 VT2PRIB	VT2P	Y	100	AC,P5V,EDC-B
Integra	5280 VT2PRIB	VT2P	Y	102	AC,P2,SU
Legacy	LC-4248	VT2P	Y	100	AC,WuxZN
Legacy	LC451-21	VT2P	N	95	AC,WuxZN
Legacy	LC474-20	TRE	N	97	AC,WuxZN
Legacy	LC-5217	VT2P	Y	102	AC,WuxZN
M & W Seeds	45T56	VT2P	Y	100	Ti
M & W Seeds	45V21	VT2P	Y	103	Ti
M & W Seeds	46T29	VT2P	Y	99	Ti
M & W Seeds	MW97A	VT2P	Y	97	Ti
NK Brand	NK0243-3120 EZR	3120	Y	102	AVC,C2,Vi
NK Brand	NK0314-5122 EZR	5122	Y	103	AVC,C2,Vi
NK Brand	NK9653-5222 EZR	5222	Y	96	AVC,C2,Vi
NK Brand	NK9991-5122 EZR	5122	Y	99	AVC,C2,Vi
Renk	RK429-3220A	3220A	N	93	CM,C2
Renk	RK485DGV2P	VT2PDG	N	94	AC,P5V
Renk	RK561DGV2PRIB	VT2PDG	Y	95	AC,P2
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK590VT2P	VT2P	N	98	AC,P5V
Renk	RK593VT2PRIB	VT2P	Y	97	AC,P2
Renk	RK600VT2P	VT2P	N	100	AC,P2
Rupp	XR D01-90	VT2P	Y	101	AC,P2,Sb

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Rupp	XR D03-07	VT2P	Y	103	AC,P2,Sb
Rupp	XR D97-55	VT2P	Y	97	AC,P2,Sb
Rupp	XR D98-43	TRE	Y	98	AC,P2,Sb
Rupp	XR D99-08	VT2P	Y	99	AC,P2,Sb
Specialty	27D728	VT2P	Y	97	AC,P2,B360
Specialty	31D921	VT2P	Y	101	AC,P5,B360

\* 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

<sup>^</sup> 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

3120	Agrisure® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3220A	Agrisure® Artesian® Viptera® 3220 (Vip,CB,HX,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

### Corn Seed Treatments\*

NA	Not Available
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P2,Sb	Acceleron® 250, SabrEx Innoculant
AC,P2,SU	Acceleron® 250, StepUp
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5,SU	Acceleron® 500, StepUp
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,WuxZN	Acceleron® + Wuxal Terios Zn
AVC,C2	Avicta® Complete 250
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
CM,C2	CruiserMaxx® 250
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
Ti	Titan Corn 250 (M & W Seeds)

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