

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

2021 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] REESE, MI
Robert Rau, Bay County, MI 48757

All-Season Test	93 - 103 Day CRM B2021MITH03
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Round Up, Liberty
SOIL DESCRIPTION:	Tappen loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, very high K, 7.8 pH, 2.3% OM, 14.4 CEC
PEST MANAGEMENT:	Veltyma
FERTILITY - Applied N:	210 Spring, 10 Foliar Rescue, Zinc and Sulfur applied at plant
Applied N-P-K (units):	220-0-120
SEDED - RATE - ROW:	May 1 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 28 32.9 /A

TEST COMMENTS:

This was an early planted site for the area. The weather was cool and dry after planting and did have some light frost after emergence, but that did not appear to affect end yield. The plot looked good all growing season with good rains falling throughout the season. Two days of heavy winds in late September cause significant lodging but corn did pick up well at harvest. There was little to no tar spot damage.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
M & W Seeds	46T29 ↗	VT2P	99	245.3	19.6	18	32.9	1202	1
M & W Seeds	45V21 ↗	VT2P	103	244.6	19.1	7	33.2	1201	2
Dyna-Gro	D41SS60 ↗	STX	101	243.8	19.9	23	33.2	1192	3
Specialty	27D728 ↗	VT2P	97	241.6	19.4	11	33.5	1184	4
Renk	RK590VT2P ↗	VT2P	98	241.0	19.4	25	32.9	1182	5
Dyna-Gro	D43VC81 ↗	VT2P	102	239.3	20.1	13	32.9	1169	6
Integra	5280 VT2PRIB ↗	VT2P	102	237.6	20.5	14	32.5	1159	8
M & W Seeds	MW97A ↗	VT2P	97	237.5	19.6	12	33.2	1163	7
Integra	5052 VT2PRIB ↗	VT2P	100	235.1	20.1	12	32.5	1149	10
Renk	RK561DGVT2PRIB ↗	VT2PDG	95	234.4	19.1	16	32.5	1151	9
Specialty	31D921 ↗	VT2P	101	233.5	19.7	24	32.9	1143	12
Legacy	LC451-21 ↗	VT2P	95	233.1	19.2	13	32.9	1144	11
Rupp	XR D01-90 ↗	VT2P	101	232.1	19.9	14	32.5	1135	13
Legacy	LC-5217 ↗	VT2P	102	229.6	19.8	18	32.9	1123	14
NK Brand	NK0243-3120 EZR ↗	3120	102	229.6	20.4	17	33.1	1120	15
Renk	RK579DGV2P ↗	VT2PDG	99	228.3	19.5	39	33.5	1119	16
Rupp	XR D03-07 ↗	VT2P	103	227.3	19.6	8	33.2	1113	17
Renk	RK593VT2PRIB ↗	VT2P	97	226.7	19.6	26	32.2	1111	18
Golden Harvest	G02K39-3120 EZR ↗	3120	102	226.7	20.4	32	33.2	1106	19
Golden Harvest	G95D32-3220 EZR ↗	3220	95	224.7	19.5	14	33.2	1101	20
Renk	RK485DGV2P ↗	VT2PDG	94	224.0	19.2	52	32.5	1099	21
Golden Harvest	G99E68-5122 EZR ↗	5122	99	223.7	20.1	10	33.2	1093	23
Rupp	XR D97-55 ↗	VT2P	97	223.3	19.2	11	32.9	1096	22
Integra	4601 VT2PRIB ↗	VT2P	96	222.7	19.5	21	32.9	1091	24
NK Brand	NK9653-5222 EZR ↗	5222	96	222.3	20.4	14	32.5	1084	27
Rupp	XR D98-43 ↗	TRE	98	222.0	19.2	28	32.5	1090	25
Legacy	LC474-20 ↗	TRE	97	221.7	19.3	29	33.2	1088	26
Dairyland	DS-4000AMXT ↗	AMXT	100	217.1	19.8	19	32.9	1062	28
Dairyland	DS-4014Q ↗	QR	100	216.6	19.7	18	32.9	1060	29
Renk	RK429-3220A ↗	3220A	93	215.6	19.1	24	33.5	1059	30

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Averages = **219.0** **19.8** **27** **32.9** **1071**

LSD (0.10) = 18.4 0.4 13

LSD (0.25) = 9.6 0.2 7

C.V. = 9.2

Historic yield: 190.0 bu/a, 3 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: 10/29/2021

† 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

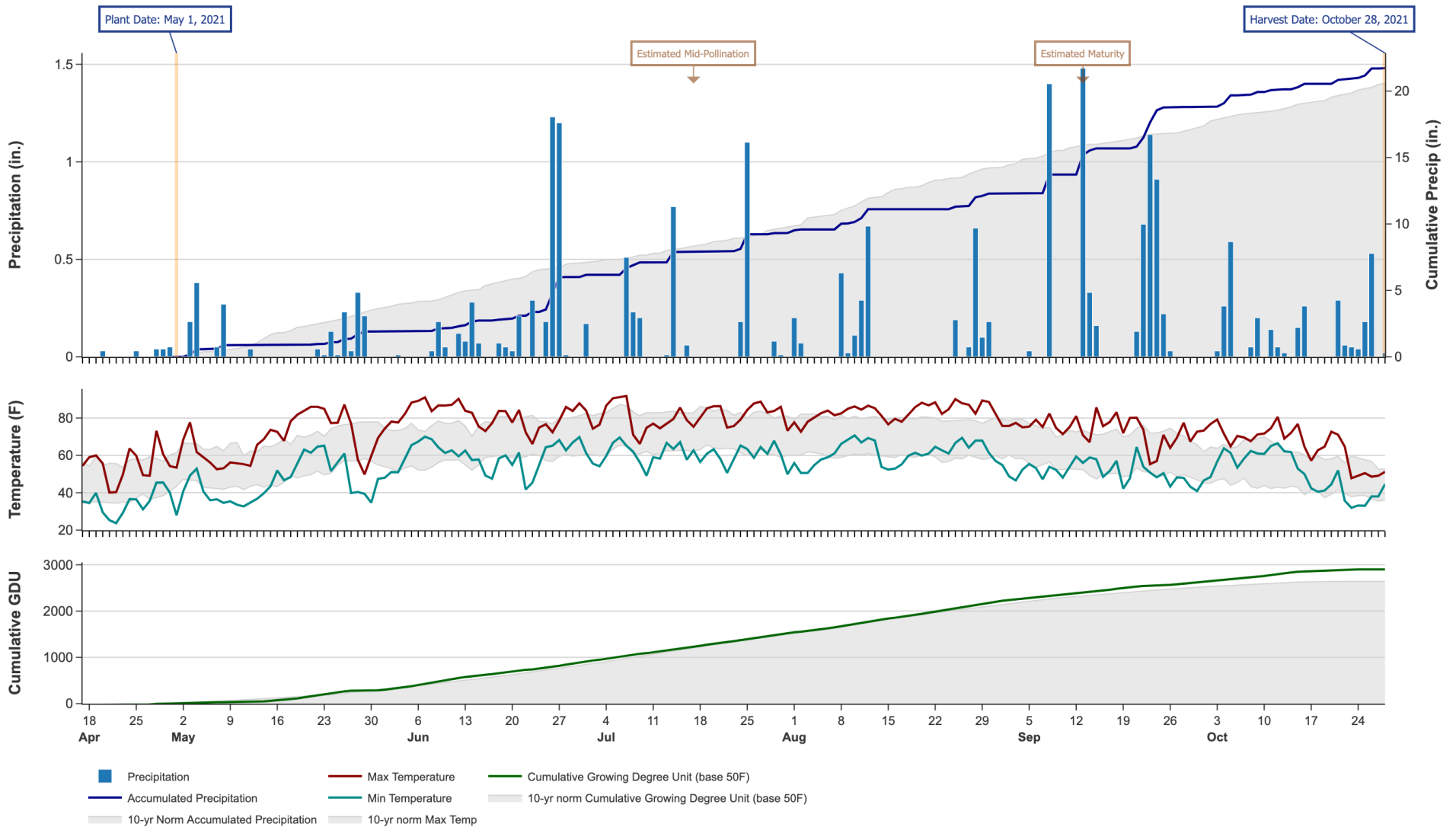
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Weather Conditions Summary at REESE, MI

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.2 1.6 (-1.4)	1.9 3.9 (-1.9)	4.1 3.4 (+0.7)	3.3 2.7 (+0.6)	3.0 4.5 (-1.5)	6.5 2.9 (+3.6)	2.9 3.4 (-0.5)	21.9 22.5 (-0.6)
GDU Normal (Diff)	29 5 (+23)	289 315 (-26)	606 512 (+93)	631 698 (-67)	683 611 (+71)	403 387 (+15)	289 124 (+164)	2930 2653 (+276)



* 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

[^] 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.