

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

2021 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] DECKER, MI

Don Martin & Sons INC, Lyle Martin, Sanilac County, MI
48426

All-Season Test	93 - 103 Day CRM B2021MITH05
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Corn / Atrazine, Round Up
SOIL DESCRIPTION:	Conover loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 7.6 pH, 2.1% OM, 10.5 CEC
PEST MANAGEMENT:	Atrazine, Round Up
FERTILITY - Applied N:	40 Fall, 36 Spring, 92 Sidedress, 10000 gal of manure applied in fall
Applied N-P-K (units):	168-65-40
SEEDED - RATE - ROW:	Apr 30 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 9 33.1 /A

TEST COMMENTS:

The site was planted early due to dry conditions in spring. Plants emerged well under cool, dry conditions with some mild frost damage early but grew out of it. The location had good rains late June through July to help in pollination and kernel development. The site has excellent fertility levels with good drainage and weed control. Liquid manure was applied on the plot site the prior fall.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK561VT2P ↗	VT2P	96	271.6	23.1	1	33.2	1307	1
Dairyland	DS-4000AMXT ↗	AMXT	100	269.9	24.8	1	32.5	1287	2
Dairyland	DS-4014Q ↗	QR	100	266.9	25.0	1	33.2	1271	3
Legacy	LC-4248 ↗	VT2P	100	265.2	25.1	1	33.2	1263	4
Renk	RK590VT2P ↗	VT2P	98	264.4	25.1	1	33.5	1259	6
Rupp	XR D01-90 ↗	VT2P	101	263.9	25.6	1	32.9	1253	8
M & W Seeds	MW97A ↗	VT2P	97	262.9	23.6	1	32.9	1262	5
Specialty	31D921 ↗	VT2P	101	262.8	26.7	1	33.5	1241	10
Renk	RK593VT2PRIB ↗	VT2P	97	262.4	23.9	1	33.2	1257	7
M & W Seeds	45V21 ↗	VT2P	103	261.2	24.3	1	32.9	1248	9
Dyna-Gro	D41SS60 ↗	STX	101	260.3	25.7	1	33.2	1235	11
Dairyland	DS-3715AM ↗	AM	97	258.8	25.4	1	33.2	1230	13
Renk	RK485DGV2P ↗	VT2PDG	94	257.6	24.0	1	33.5	1234	12
Dyna-Gro	D43VC81 ↗	VT2P	102	257.6	24.8	1	32.5	1228	15
Legacy	LC474-20 ↗	TRE	97	257.4	24.5	3	32.9	1229	14
Integra	5052 VT2PRIB ↗	VT2P	100	255.9	25.8	1	32.5	1213	17
Dairyland	DS-4310AM ↗	AM	103	254.9	27.4	1	33.5	1199	20
Rupp	XR D03-07 ↗	VT2P	103	254.8	25.3	1	33.2	1211	18
Specialty	27D728 ↗	VT2P	97	254.3	23.9	1	33.2	1218	16
NK Brand	NK9991-5122 EZR ↗	5122	99	252.3	25.6	2	33.5	1197	21
Legacy	LC451-21 ↗	VT2P	95	250.8	23.2	1	33.2	1206	19
Dairyland	DS-4018AM ↗	AM	101	250.8	26.2	1	33.5	1187	26
Legacy	LC-5217 ↗	VT2P	102	250.8	24.8	2	32.5	1196	22
Rupp	XR D97-55 ↗	VT2P	97	249.5	23.7	1	33.1	1196	23
Rupp	XR D99-08 ↗	VT2P	99	248.8	26.7	4	33.5	1174	30
Renk	RK600VT2P ↗	VT2P	100	248.7	26.3	3	33.2	1177	29
Dairyland	DS-3550AM ↗	AM	95	248.7	23.2	2	32.9	1196	24
Rupp	XR D98-43 ↗	TRE	98	248.0	24.0	1	33.2	1187	27
Augusta	A1849-5122-EZ ↗	5122	99	247.8	24.7	1	33.2	1182	28
Integra	4888 VT2PRIB ↗	VT2P	98	246.9	22.9	5	33.5	1189	25

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Averages = **250.0** **24.8** **2** **33.1** **1192**

LSD (0.10) = 14.2 0.6 ns

LSD (0.25) = 7.5 0.3 ns

C.V. = 6.3 Historic yield: 216.39 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: 10/10/2021

† 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

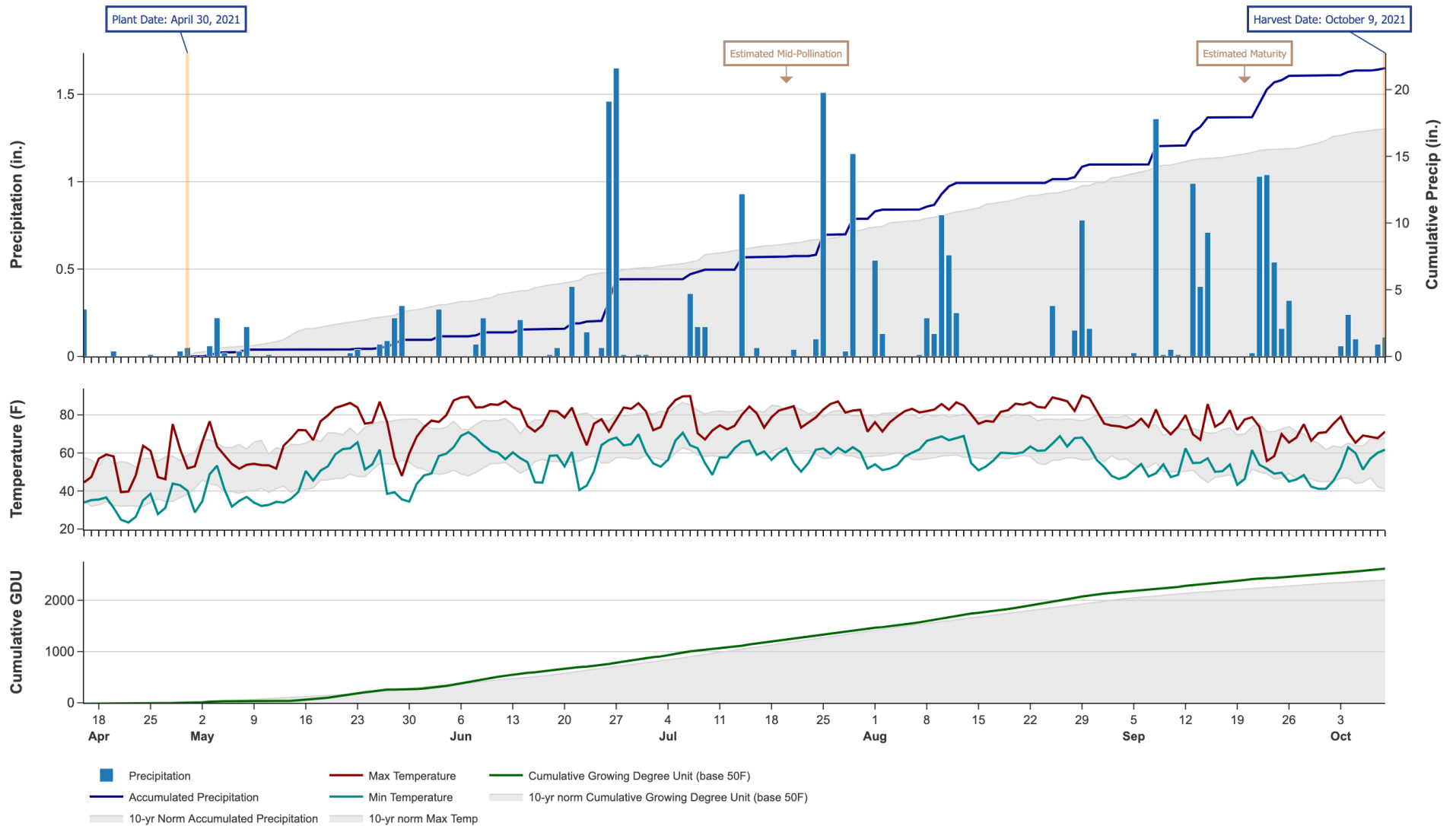
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Weather Conditions Summary at DECKER, MI

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.4 1.8 (-1.4)	1.2 3.5 (-2.2)	4.5 3.1 (+1.4)	4.5 3.0 (+1.5)	4.1 3.4 (+0.6)	6.7 3.0 (+3.7)	0.6 1.1 (-0.5)	22.0 18.8 (+3.2)
GDU Normal (Diff)	19 0 (+19)	268 293 (-25)	589 461 (+127)	595 640 (-45)	667 567 (+99)	376 364 (+11)	122 66 (+55)	2636 2394 (+241)



* 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	RK561VT2P	VT2P	Y	96	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.