

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

2023 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] BROWN CITY, MI
Dwight Bartle, Sanilac County, MI 48416

All-Season Test	93 - 103 Day CRM B2023MITH01
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Wheat / None Used
SOIL DESCRIPTION:	Parkhill loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 5.6 pH, 3.0% OM, 17.3 CEC
PEST MANAGEMENT:	Lexar
FERTILITY - Applied N:	160 Fall
Applied N-P-K (units):	160-0-120
SEEDED - RATE - ROW:	May 10 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 14 33.3 /A

TEST COMMENTS:

This site planted well in the second week of May and received just enough heat and moisture to get the plants out of the ground and off to a good start. A dry June helped plants with root development and standability. Better rains later in the season led to excellent pollinations and grain fill. Plot shelled well with a good range of moistures at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Rob-See-Co	RC4518-VT2P ↗	VT2P	95	275.3	19.7	1	33.5	1124	1
M & W Seeds	MW 103A VT2P ↗	VT2P	103	272.1	20.5	1	33.5	1102	2
Legacy	LC534-23 ↗	TRE	103	269.9	22.4	1	33.5	1072	13
M & W Seeds	MW A96 PWR ↗	PC	96	269.8	19.8	1	33.5	1100	3
Legacy	LC465-23 ↗	PCE	96	269.8	20.6	1	33.5	1092	4
Rob-See-Co	D98-43-TRE ↗	TRE	98	268.7	20.5	1	33.5	1088	6
M & W Seeds	MW 45T56 ↗	VT2P	100	268.3	21.8	1	33.2	1072	14
M & W Seeds	MW 97A VT2P ↗	VT2P	97	267.8	20.0	1	33.5	1089	5
Dyna-Gro	D34SS93RIB ↗	STX	94	267.7	20.9	1	33.5	1080	9
Dairyland	DS-4365AM ↗	AM	103	267.2	21.7	1	33.5	1069	15
Rob-See-Co	D01-90-VT2P ↗	VT2P	101	267.0	20.4	1	33.5	1082	8
Dairyland	DS-3900AM ↗	AM	99	265.6	21.4	1	33.5	1066	16
M & W Seeds	MW 46T29 ↗	VT2P	99	265.5	20.2	1	33.5	1078	10
Dairyland	DS-4219AM ↗	AM	102	265.4	21.5	1	32.5	1064	17
Legacy	LC474-23 ↗	PCE	97	265.1	20.2	1	33.2	1077	11
Integra	4601 VT2PRIB ↗	VT2P	96	264.5	19.2	1	33.5	1085	7
Renk	RK597SSPRO ↗	STXP	99	263.7	19.9	1	33.2	1074	12
Dairyland	DS-3601AM ↗	AM	96	261.7	20.7	1	33.5	1058	19
Integra	4993 TRERIB ↗	TRE	99	261.5	20.4	1	33.2	1060	18
Renk	RK571PWE ↗	PCE	96	260.2	20.7	1	33.5	1051	21
M & W Seeds	MW EXP 96 DV ↗	DV	96	259.5	20.4	1	33.5	1053	20
Legacy	LC-4248 ↗	VT2P	100	259.3	22.1	1	32.8	1033	25
Dyna-Gro	D41TC74RIB ↗	TRE	101	258.8	21.5	1	33.2	1038	23
Rob-See-Co	RC4779-PCE ↗	PCE	97	258.3	20.1	1	33.5	1050	22
Integra	4702 VT2PRIB ↗	VT2P	97	255.1	20.2	1	33.2	1036	24
Dairyland	DS-4003Q ↗	QR	100	254.1	20.9	1	33.5	1025	27
Renk	RK582SSTX ↗	STX	98	251.9	19.8	1	33.5	1027	26
Golden Harvest	G97B68-DV ↗	DV	97	251.6	20.0	1	33.5	1024	28
NK Brand	NK9771-DV ↗	DV	97	251.2	19.9	1	33.2	1023	29
Dairyland	DS-3477AM ↗	AM	94	248.3	19.3	1	33.5	1017	30



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Averages = **253.3** **20.9** **1** **33.3** **1022**

LSD (0.10) = 10.5 0.6 ns

LSD (0.25) = 5.5 0.3 ns

C.V. = 4.5

Historic yield: 208.68 bu/a, 11 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: 11/14/2023

† 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

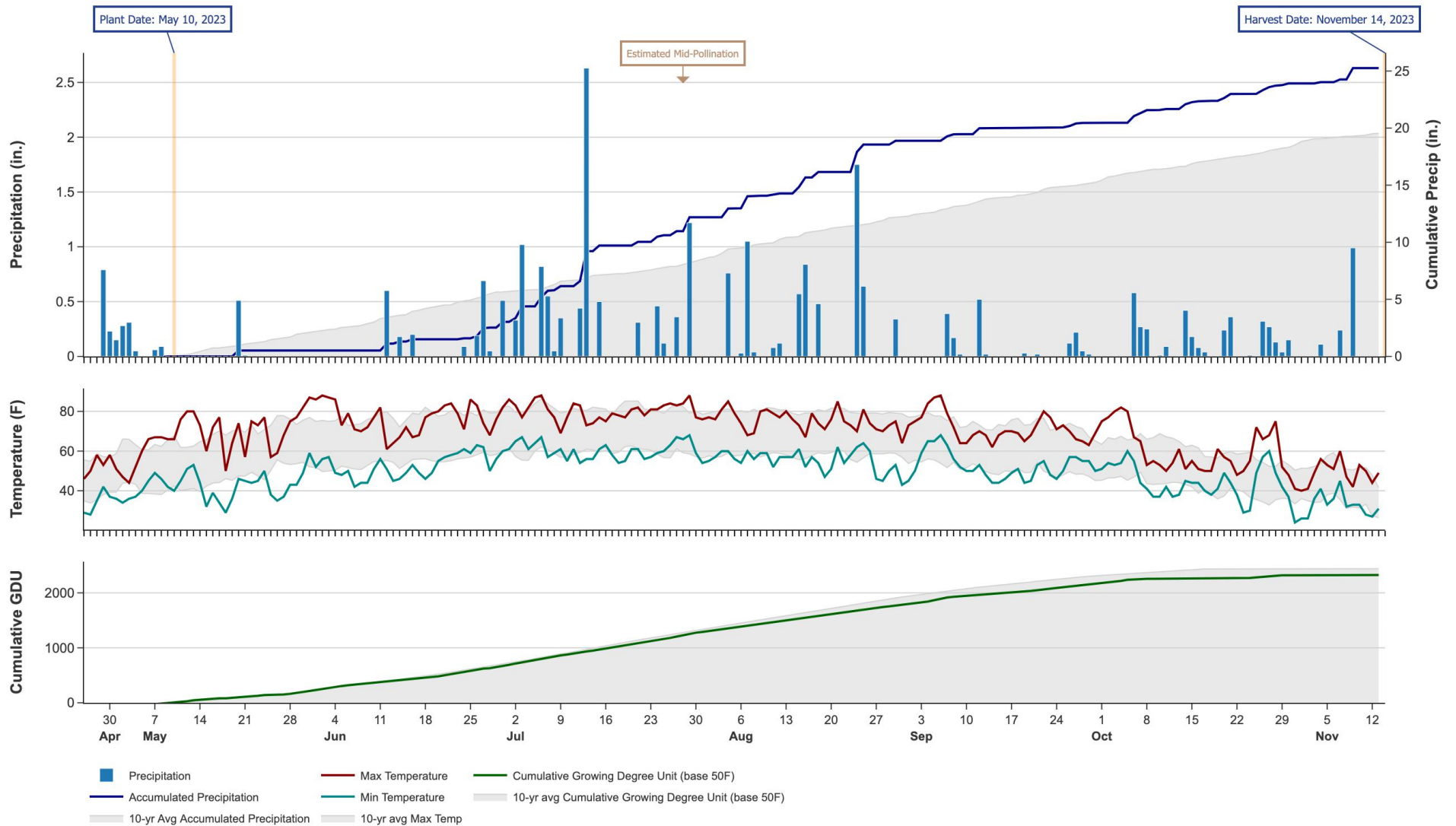
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2023 Corn - Michigan Thumb [MITH]

Weather Conditions Summary at BROWN CITY, MI

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	1.0 0.5 (+0.5)	1.5 2.9 (-1.4)	2.5 3.5 (-1.0)	9.2 2.8 (+6.3)	6.7 3.8 (+2.9)	1.6 3.0 (-1.4)	3.4 3.3 (+0.2)	1.3 1.0 (+0.3)	27.2 20.8 (+6.4)
GDU Avg (Diff)	0 0 (0)	260 277 (-17)	452 481 (-29)	623 631 (-8)	485 588 (-103)	380 382 (-2)	165 130 (+34)	5 0 (+5)	2370 2491 (-121)



* 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	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.