

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

2023 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] SILVERWOOD, MI

Ferkowicz Farm, John Ferkowicz, Lapeer County, MI 48760

All-Season Test	93 - 103 Day CRM B2023MITH04
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Boundary, Sequence, Enlist
SOIL DESCRIPTION:	Boyer loamy sand, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 5.7 pH, 3.4% OM, 11.4 CEC
PEST MANAGEMENT:	Surestart, Atrazine, Roundup, Marvis Neo Fungicide
FERTILITY - Applied N:	168 Spring
Applied N-P-K (units):	168-60-120
SEEDED - RATE - ROW:	May 11 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 15 33.3 /A

TEST COMMENTS:

This is a very high fertility location that has a history of producing good yields and this year was no different. The site started off well with good stands and received just enough moisture and heat for good foliar growth and excellent pollinations. Mild late summer temperatures kept plants healthy with deep kernels. The site was standing well at harvest with good moisture spread and intact plants.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DS-4365AM ↗	AM	103	298.9	19.4	1	33.5	1224	1
M & W Seeds	MW 46T29 ↗	VT2P	99	293.4	18.6	1	33.5	1210	2
Dairyland	DS-4219AM ↗	AM	102	290.5	20.0	1	33.5	1182	7
Dairyland	DS-3900AM ↗	AM	99	288.8	18.5	1	33.5	1192	4
M & W Seeds	MW A96 PWR ↗	PC	96	288.2	18.4	1	33.5	1191	6
Integra	4601 VT2PRIB ↗	VT2P	96	287.7	17.1	1	33.5	1204	3
Rob-See-Co	RC5134-PCE ↗	PCE	101	287.6	22.0	1	32.1	1148	18
Dyna-Gro	D34SS93RIB ↗	STX	94	286.6	18.8	1	33.5	1181	8
Dairyland	DS-3601AM ↗	AM	96	286.5	17.7	1	33.5	1192	5
M & W Seeds	MW 103A VT2P ↗	VT2P	103	283.7	19.3	1	32.5	1162	13
Rob-See-Co	D01-90-VT2P ↗	VT2P	101	283.0	19.3	1	33.5	1160	14
Rob-See-Co	D98-43-TRE ↗	TRE	98	282.9	18.0	1	33.5	1174	9
M & W Seeds	MW 45T56 ↗	VT2P	100	282.9	18.9	1	32.8	1164	11
Integra	4993 TRERIB ↗	TRE	99	282.4	17.9	1	33.5	1173	10
Renk	RK628VT2P ↗	VT2P	102	280.6	19.5	1	33.5	1148	19
Renk	RK571PWE ↗	PCE	96	279.9	17.8	1	33.5	1164	12
Legacy	LC-4248 ↗	VT2P	100	279.7	18.6	1	33.5	1155	15
Rob-See-Co	RC4779-PCE ↗	PCE	97	279.4	18.4	1	33.5	1155	16
M & W Seeds	MW 97A VT2P ↗	VT2P	97	278.4	18.2	1	33.5	1153	17
Dyna-Gro	D41TC74RIB ↗	TRE	101	277.4	19.9	1	32.8	1131	23
Integra	4702 VT2PRIB ↗	VT2P	97	277.3	18.5	1	33.5	1145	20
Legacy	LC534-23 ↗	TRE	103	275.3	19.5	1	33.5	1126	25
Dairyland	DS-4003Q ↗	QR	100	274.1	19.4	1	32.8	1122	28
Renk	RK597SSPRO ↗	STXP	99	274.0	18.3	1	32.6	1134	21
Legacy	LC474-23 ↗	PCE	97	273.1	18.6	1	33.2	1127	24
Legacy	LC465-23 ↗	PCE	96	272.9	18.7	1	33.5	1125	26
Legacy	LC451-21 ↗	VT2P	95	272.7	18.0	1	33.5	1132	22
Dairyland	DS-3599Q ↗	QR	95	270.2	18.2	1	33.2	1119	29
Rob-See-Co	RC4518-VT2P ↗	VT2P	95	269.8	17.7	1	33.5	1123	27
NK Brand	NK9771-DV ↗	DV	97	269.1	18.4	1	33.5	1113	30



Matt Turner

mattturner1979@yahoo.com, (317) 606-9040

Averages = **271.8** **18.8** **1** **33.3** **1120**

LSD (0.10) = 13.3 0.5 ns

LSD (0.25) = 7.0 0.3 ns

C.V. = 5.4

Historic yield: 221.69 bu/a, 5 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: 11/16/2023

† 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

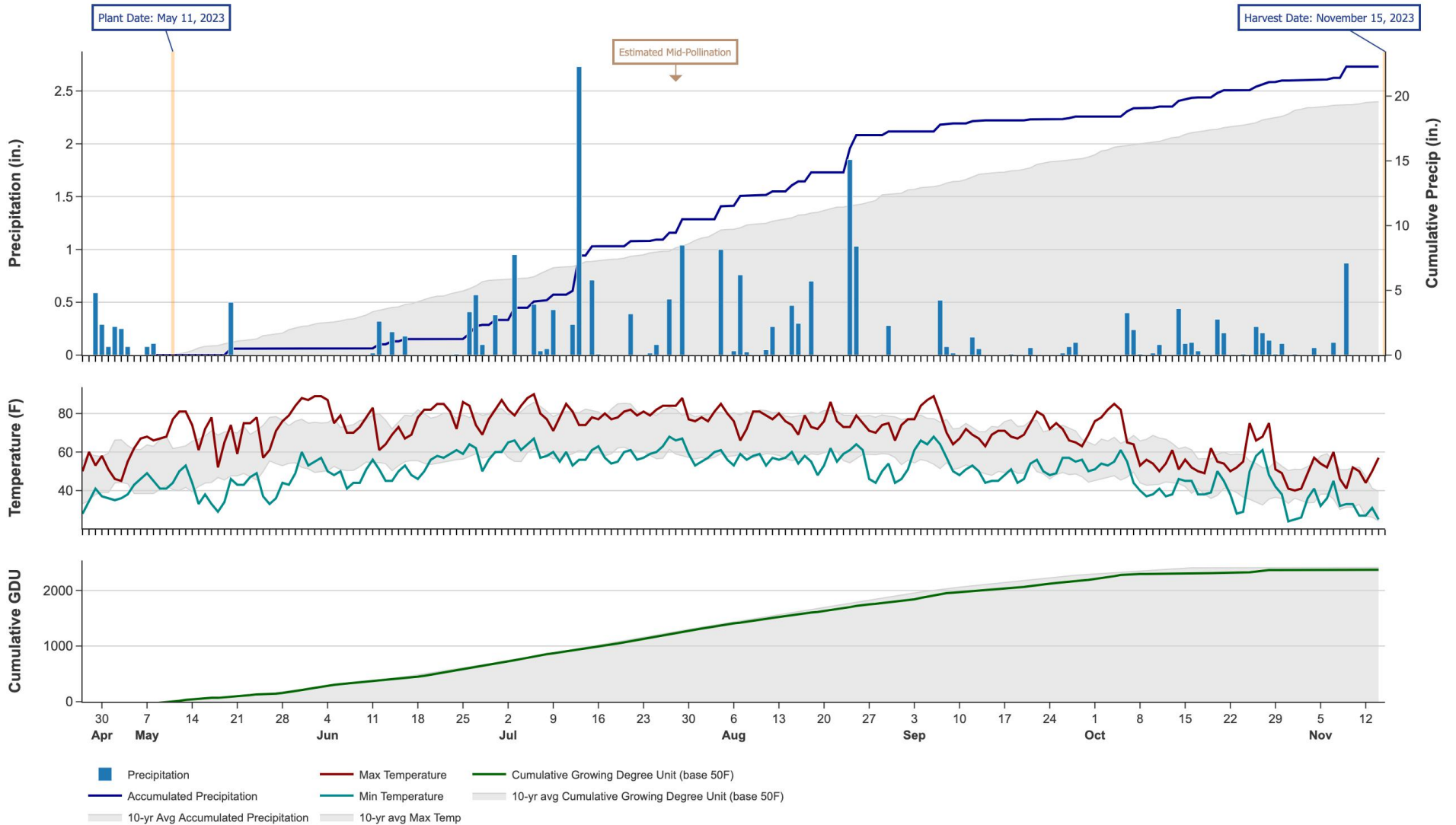
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Weather Conditions Summary at SILVERWOOD, MI

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	0.9 0.3 (+0.5)	1.4 3.1 (-1.7)	2.2 3.6 (-1.4)	7.8 3.1 (+4.7)	6.8 3.6 (+3.2)	1.1 2.8 (-1.6)	2.8 3.3 (-0.6)	1.1 0.9 (+0.1)	24.0 20.7 (+3.3)
GDU Avg (Diff)	0 0 (0)	273 282 (-9)	465 474 (-9)	622 624 (-2)	496 584 (-88)	394 380 (+13)	176 123 (+52)	5 0 (+5)	2431 2469 (-38)



* 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.