

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

2022 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 B2022MITH01
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Wheat/Clover / None
SOIL DESCRIPTION:	Parkhill loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, high K, 5.5 pH, 4.1% OM, 15.1 CEC
PEST MANAGEMENT:	Lexar
FERTILITY - Applied N:	130 Spring, 30 Sidedress
Applied N-P-K (units):	160-35-0
SEEDED - RATE - ROW:	May 11 33.6 /A 30" spacing
HARVESTED - STAND:	Oct 22 33.0 /A

TEST COMMENTS:

This location is a very uniform site with excellent fertility and good drainage. The site was planted following a cover crop during the second week of May and had good emergence and early season vigor. Dry weather early in the growing season helped the plots with their root development. Mild temperatures later in the season helped ears fill out with deep kernels. Excellent location overall.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK597SSPRO ↗	STXP	99	251.7	20.2	1	33.2	1652	1
Integra	4601 VT2PRIB ↗	VT2P	96	247.6	20.0	1	32.5	1627	2
Renk	RK579DGV2P ↗	VT2PDG	99	247.3	19.9	1	33.5	1626	3
Dairyland	DS-3601AM ↗	AM	96	246.5	19.5	1	33.0	1625	4
M & W Seeds	MW 97A VT2P ↗	VT2P	97	245.8	19.1	1	33.0	1623	5
Renk	RK590VT2P ↗	VT2P	98	245.6	19.7	1	32.5	1617	6
M & W Seeds	45V21 ↗	VT2P	103	245.2	20.9	1	33.5	1603	8
Dairyland	DS-4014Q ↗	QR	100	244.8	21.7	1	31.4	1592	13
Dairyland	DS-3727AM ↗	AM	97	244.7	20.7	1	33.5	1601	9
Legacy	LC474-20 ↗	TRE	97	243.7	21.4	1	33.5	1588	15
Legacy	LC451-21 ↗	VT2P	95	243.5	19.4	1	33.5	1606	7
Augusta	A2050 VT2P ↗	VT2P	100	243.0	21.4	1	33.5	1583	16
Pioneer	P9823Q GC ↗	QR	98	242.7	19.4	1	32.8	1600	10
M & W Seeds	46T29 ↗	VT2P	99	242.3	19.1	1	33.2	1600	11
Renk	RK600VT2P ↗	VT2P	100	242.1	22.3	1	33.5	1569	18
Dyna-Gro	D36VC66RIB ↗	VT2P	97	241.5	19.7	1	33.5	1590	14
Legacy	LC482-21 ↗	VT2P	98	241.0	18.8	1	33.5	1595	12
Dyna-Gro	D40VC41RIB ↗	VT2P	100	240.2	22.3	1	33.5	1556	22
Dairyland	DS-3900AM ↗	AM	99	239.1	20.4	1	33.2	1567	19
Rob-See-Co	RC4518-VT2P ↗	VT2P	94	238.6	19.4	1	32.5	1573	17
Golden Harvest	G97A36-V ↗	V	97	237.6	19.4	1	33.5	1567	20
Dyna-Gro	D34VC93 ↗	VT2P	94	236.9	19.4	1	33.2	1562	21
Rob-See-Co	D98-43 ↗	TRE	98	235.2	20.0	1	33.5	1546	23
Dairyland	DS-4219AM ↗	AM	102	234.5	22.9	1	33.5	1514	27
Integra	5052 VT2PRIB ↗	VT2P	100	234.2	20.8	1	33.2	1531	25
NK Brand	NK9874-V ↗	V	98	233.0	19.7	1	33.5	1534	24
Renk	RK561DGV2P ↗	VT2PDG	95	232.2	19.6	1	33.2	1529	26
Integra	4993 TRERIB ↗	TRE	99	231.5	21.3	1	31.8	1509	29
Augusta	A22-250 ↗	AA	100	231.4	21.1	1	33.5	1510	28
M & W Seeds	MW 98A TRE ↗	TRE	98	228.3	20.3	1	33.5	1497	30

Matt Turner

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

Averages = **232.5** **20.6** **1** **33.0** **1523**

LSD (0.10) = 10.5 0.6 ns

LSD (0.25) = 5.5 0.3 ns

C.V. = 5.0 Historic yield: 205.98 bu/a, 10 yr(s)

Yield & Income Factors: Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$6.75; non-GMO = \$6.75

Report Date: 10/24/2022

Revised: 10/28/2022 Revised product names for Rob-See-Co, formerly Rupp, no data changes

Additional reports available at www.firstseedtests.com

† 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

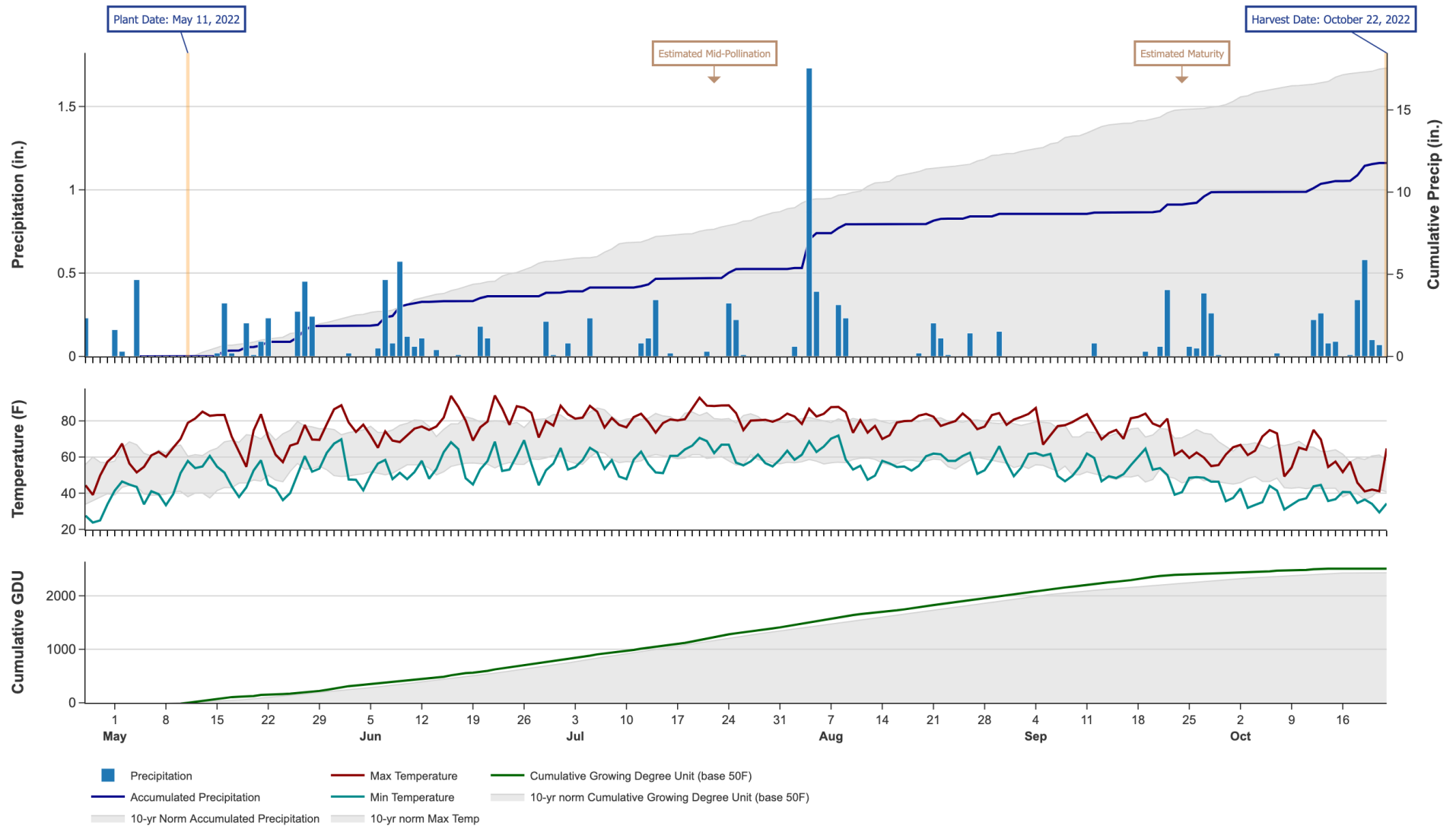
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2022 Corn - Michigan Thumb [MITH]

Weather Conditions Summary at BROWN CITY, MI

Weather Data Retrieved: 10/28/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.2 0.3 (-0.1)	2.5 3.2 (-0.7)	2.0 3.6 (-1.6)	1.4 3.0 (-1.6)	3.4 3.5 (-0.2)	1.3 3.0 (-1.6)	1.8 2.2 (-0.5)	12.7 18.8 (-6.2)
GDU Normal (Diff)	0 0 (0)	335 282 (+52)	505 484 (+20)	636 636 (0)	607 582 (+24)	401 380 (+20)	88 124 (-36)	2572 2490 (+81)



* 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	A2050 VT2P	VT2P	N	100	AC250
Augusta	A2150-5222-EZ	DV	Y	100	CM,C2,Vi
Augusta	A22-250	AA	Y	100	AC,P5
Channel	197-27STXRIB GC	STX	Y	97	AC,P5V,EDC-B
Dairyland	DS-3601AM	AM	Y	96	Lum, L1
Dairyland	DS-3727AM	AM	Y	97	Lum, L1
Dairyland	DS-3900AM	AM	Y	99	Lum, L1
Dairyland	DS-3959Q	QR	Y	99	Lum, L1
Dairyland	DS-4014Q	QR	Y	100	Lum, L1
Dairyland	DS-4018AM	AM	Y	101	Lum, L1
Dairyland	DS-4219AM	AM	Y	102	Lum, L1
Dyna-Gro	D34VC93	VT2P	N	94	AC,P5V,EDC-B
Dyna-Gro	D36VC66RIB	VT2P	N	97	AC,P5V
Dyna-Gro	D40VC41RIB	VT2P	N	100	AC,P5V
Dyna-Gro	D41SS60	STX	N	101	AC,P5V
Golden Harvest	G02K39-D	D	Y	102	AVC,C2,Vi,Va
Golden Harvest	G93A49-D	D	Y	93	AVC,C2,Vi,Va
Golden Harvest	G97A36-V	V	Y	97	AVC,C2,Vi,Va
Golden Harvest	G99A37-DV	DV	Y	99	AVC,C2,Vi,Va
Integra	4601 VT2PRIB	VT2P	Y	96	AC,P5V,SU+Zn
Integra	4993 TRERIB	TRE	N	99	AC,P5V
Integra	5052 VT2PRIB	VT2P	Y	100	AC,P5V,SU+Zn
Legacy	LC-4248 SS	STX	Y	100	AC,P5V
Legacy	LC451-21	VT2P	N	95	AC,P2
Legacy	LC474-20	TRE	N	97	AC,P2
Legacy	LC482-21	VT2P	N	98	AC,P2V
Legacy	LC-5217 SS	STX	Y	102	AC,P5V
M & W Seeds	45V21	VT2P	Y	103	Ti
M & W Seeds	46T29	VT2P	Y	99	Ti
M & W Seeds	MW 97A VT2P	VT2P	Y	97	Ti
M & W Seeds	MW 98A TRE	TRE	Y	98	Ti
NK Brand	NK0007-AA	AA	Y	100	AVC,C2,Vi,Va
NK Brand	NK9347-D	D	Y	93	AVC,C2,Vi,Va
NK Brand	NK9874-V	V	Y	98	AVC,C2,Vi,Va
NK Brand	NK9922-DV	DV	Y	99	AVC,C2,Vi,Va
Pioneer	P0035AM GC	AM	Y	100	Lum, L1
Pioneer	P9823Q GC	QR	Y	98	Lum, L1
Renk	RK502SSTX	STX	N	95	AC,P5V
Renk	RK561DGV2P	VT2PDG	N	95	AC,P2
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK590VT2P	VT2P	N	98	AC,P2
Renk	RK597SSPRO	STXP	N	99	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK600VT2P	VT2P	N	100	AC,P2
Renk	RK615SSTX	STX	Y	102	AC,P5V
Rob-See-Co	D97-95	VT2P	Y	97	AC,P2,Sb
Rob-See-Co	D98-43	TRE	Y	98	AC,P2,Sb
Rob-See-Co	D99-08	VT2P	Y	99	AC,P2,Sb
Rob-See-Co	RC4518-VT2P	VT2P	Y	94	AC,P5V

* 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

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
QR	Qrome™
STX	SmartStax®
STXP	SmartStax® Pro
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®

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

Corn Seed Treatments*

NA	Not Available
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,Sb	Acceleron® 250, SabrEx Innoculant
AC,P2V	Acceleron® Poncho 250/Votivo
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Lum, L1	(2022) LumiGEN, Lumisure 1250
Ti	Titan Corn 250 (M & W Seeds)

* Seed treatments may include unspecified plant health promoting components.