

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

2022 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 B2022MITH05
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Sugarbeet / Roundup
SOIL DESCRIPTION:	Mcbride, Montcalm sandy loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 6.9 pH, 2.1% OM, 7.7 CEC
PEST MANAGEMENT:	Roundup, Atrazine, Diflexx
FERTILITY - Applied N:	74 Fall, 10 Spring, 90 Sidedress
Applied N-P-K (units):	174-45-38
SEEDED - RATE - ROW:	May 11 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 9 33.2 /A

TEST COMMENTS:

This is a well-drained site with good fertility that had good stands post-planting. The site never received too much rain during the growing season. It had good overall yields but had some lodging issues and yield variability at harvest. Lodging seemed to be problematic with certain hybrids that did have an effect on yield and made feeding difficult. Some moisture variability was also present.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DS-4018AM ↗	AM	101	242.5	20.5	5	32.8	1588	3
Rob-See-Co	D98-43 ↗	TRE	98	241.7	17.9	19	33.5	1608	1
M & W Seeds	MW 97A VT2P ↗	VT2P	97	239.3	18.1	3	33.5	1590	2
Dairyland	DS-4219AM ↗	AM	102	239.2	20.9	1	33.2	1563	4
Legacy	LC474-20 ↗	TRE	97	235.5	18.5	1	33.5	1561	5
Dairyland	DS-3727AM ↗	AM	97	234.6	19.8	3	32.8	1544	6
Renk	RK597SSPRO ↗	STXP	99	231.8	18.3	5	33.5	1539	7
Renk	RK600VT2P ↗	VT2P	100	231.7	21.5	8	33.2	1508	15
Rob-See-Co	RC4518-VT2P ↗	VT2P	94	231.6	19.0	22	33.5	1531	8
Legacy	LC-4248 SS ↗	STX	100	231.1	20.0	8	33.5	1518	11
Legacy	LC451-21 ↗	VT2P	95	229.4	18.8	12	33.5	1519	9
Dyna-Gro	D34VC93 ↗	VT2P	94	229.2	18.6	7	33.5	1519	10
Renk	RK579DGV2P ↗	VT2PDG	99	229.1	18.9	3	33.5	1515	13
Pioneer	P9823Q GC ↗	QR	98	228.7	18.3	8	33.2	1518	12
Integra	4993 TRERIB ↗	TRE	99	227.6	18.2	6	33.5	1512	14
Golden Harvest	G02K39-D ↗	D	102	227.3	20.3	6	33.5	1491	16
Dyna-Gro	D40VC41RIB ↗	VT2P	100	227.0	21.1	2	33.5	1481	20
M & W Seeds	45V21 ↗	VT2P	103	226.9	20.4	21	33.5	1487	18
Integra	5052 VT2PRIB ↗	VT2P	100	226.6	20.0	1	33.2	1489	17
Renk	RK590VT2P ↗	VT2P	98	225.5	19.9	33	33.2	1482	19
Dairyland	DS-3900AM ↗	AM	99	222.9	19.7	2	33.2	1467	23
Integra	4601 VT2PRIB ↗	VT2P	96	222.6	19.3	3	33.2	1468	22
Pioneer	P0035AM GC ↗	AM	100	222.4	22.4	1	33.2	1440	27
Channel	197-27STXRIB GC ↗	STX	97	220.9	19.0	2	32.8	1460	25
Dyna-Gro	D36VC66RIB ↗	VT2P	97	220.7	20.3	1	33.5	1448	26
Golden Harvest	G97A36-V ↗	V	97	220.7	18.3	1	33.2	1465	24
M & W Seeds	MW 98A TRE ↗	TRE	98	220.7	17.9	2	33.2	1469	21
Renk	RK615SSTX ↗	STX	102	220.0	21.8	1	33.2	1430	30
Augusta	A2050 VT2P ↗	VT2P	100	218.7	20.5	4	33.5	1433	29
M & W Seeds	46T29 ↗	VT2P	99	216.5	18.4	2	33.2	1436	28

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Averages = **213.9** **19.3** **10** **33.2** **1411**

LSD (0.10) = 17.6 0.7 13

LSD (0.25) = 9.3 0.4 7

C.V. = 9.0 Historic yield: 226.3 bu/a, 4 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: 11/10/2022

Additional reports available at www.firstseedtests.com

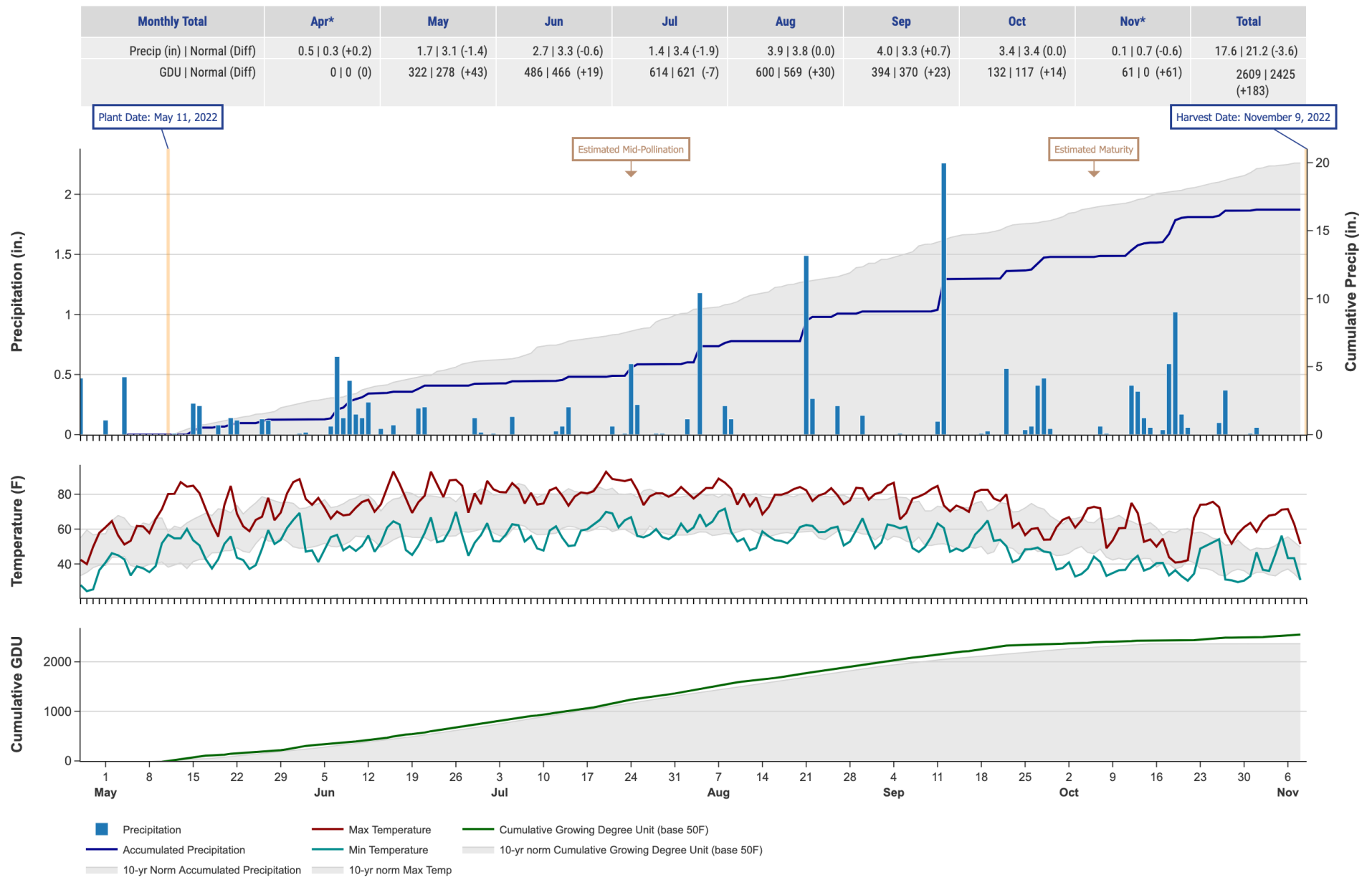
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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Weather Conditions Summary at DECKER, MI

Weather Data Retrieved: 11/10/2022



* 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.