

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

2022 Corn Grain Top 30 Harvest Report

Michigan Thumb [MITH] MIDLAND, MI

K & H Farms, Chris Histed, Midland County, MI 48642

All-Season Test	93 - 103 Day CRM B2022MITH02
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Liberty, Metribuzin
SOIL DESCRIPTION:	Londo-Poseyville loamy sand, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 6.5 pH, 1.9% OM, 12.3 CEC
PEST MANAGEMENT:	Surestart, Atrazine
FERTILITY - Applied N:	40 Spring, 168 Sidedress, 1.5 gal boron at plant
Applied N-P-K (units):	208-16-4
SEEDED - RATE - ROW:	May 12 33.6 /A 30" spacing
HARVESTED - STAND:	Nov 10 32.9 /A

TEST COMMENTS:

This site planted well in the second week of May with good rains after planting to help get the plot established. The site had a dry June and July with good rains late in the growing season. Dry weather during pollinations affected top-end yield for some hybrids. Lodging within hybrids was also an issue at this site with stalks deteriorating later into the season. More stress here than at other locations in the MITH region.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Legacy	LC-4248 SS ↗	STX	100	239.3	18.7	2	33.2	1585	1
Dairyland	DS-4219AM ↗	AM	102	234.8	18.5	1	33.5	1556	4
Rob-See-Co	D98-43 ↗	TRE	98	234.6	17.7	1	33.2	1563	3
Integra	4993 TRERIB ↗	TRE	99	234.2	17.1	1	32.5	1566	2
Legacy	LC474-20 ↗	TRE	97	227.8	17.6	1	33.2	1519	5
Dyna-Gro	D40VC41RIB ↗	VT2P	100	227.2	18.6	2	33.2	1506	6
Renk	RK590VT2P ↗	VT2P	98	226.2	18.3	2	33.5	1502	7
Legacy	LC-5217 SS ↗	STX	102	222.6	18.2	1	33.5	1479	9
Renk	RK579DGV2P ↗	VT2PDG	99	222.2	17.8	1	33.5	1480	8
Renk	RK615SSTX ↗	STX	102	220.3	18.9	2	32.1	1457	11
M & W Seeds	MW 97A VT2P ↗	VT2P	97	219.7	17.3	1	32.8	1467	10
M & W Seeds	45V21 ↗	VT2P	103	218.5	17.9	1	33.2	1454	12
Augusta	A2050 VT2P ↗	VT2P	100	217.8	18.5	1	32.8	1444	14
Legacy	LC451-21 ↗	VT2P	95	216.2	16.6	2	33.5	1450	13
M & W Seeds	46T29 ↗	VT2P	99	215.3	17.3	1	33.5	1438	15
Dairyland	DS-3900AM ↗	AM	99	213.2	18.1	1	32.5	1417	16
Golden Harvest	G02K39-D ↗	D	102	212.4	18.2	1	32.5	1411	18
Dyna-Gro	D36VC66RIB ↗	VT2P	97	212.0	17.3	2	33.5	1416	17
Renk	RK600VT2P ↗	VT2P	100	211.7	18.3	5	33.5	1405	19
Renk	RK502SSTX ↗	STX	95	210.2	17.4	1	33.2	1403	20
M & W Seeds	MW 98A TRE ↗	TRE	98	209.9	17.8	1	31.4	1398	21
Pioneer	P9823Q GC ↗	QR	98	208.9	17.2	1	33.5	1396	22
Integra	4601 VT2PRIB ↗	VT2P	96	208.3	17.5	4	33.2	1390	23
Renk	RK561DGV2P ↗	VT2PDG	95	206.8	17.2	1	33.5	1382	24
Dairyland	DS-4018AM ↗	AM	101	205.8	17.5	1	33.5	1373	25
Channel	197-27STXRIB GC ↗	STX	97	203.9	17.6	1	33.5	1359	26
NK Brand	NK9922-DV ↗	DV	99	203.2	18.2	2	32.5	1350	27
Dairyland	DS-3727AM ↗	AM	97	201.8	17.6	2	33.2	1345	28
Dairyland	DS-4014Q ↗	QR	100	199.2	17.3	1	33.2	1330	29
Dairyland	DS-3601AM ↗	AM	96	198.3	16.8	1	33.5	1327	30

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Averages = **205.1** **17.7** **3** **32.9** **1367**

LSD (0.10) = 19.7 0.6 6

LSD (0.25) = 10.4 0.3 3

C.V. = 10.6

Historic yield: 192.37 bu/a, 6 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: 11/11/2022

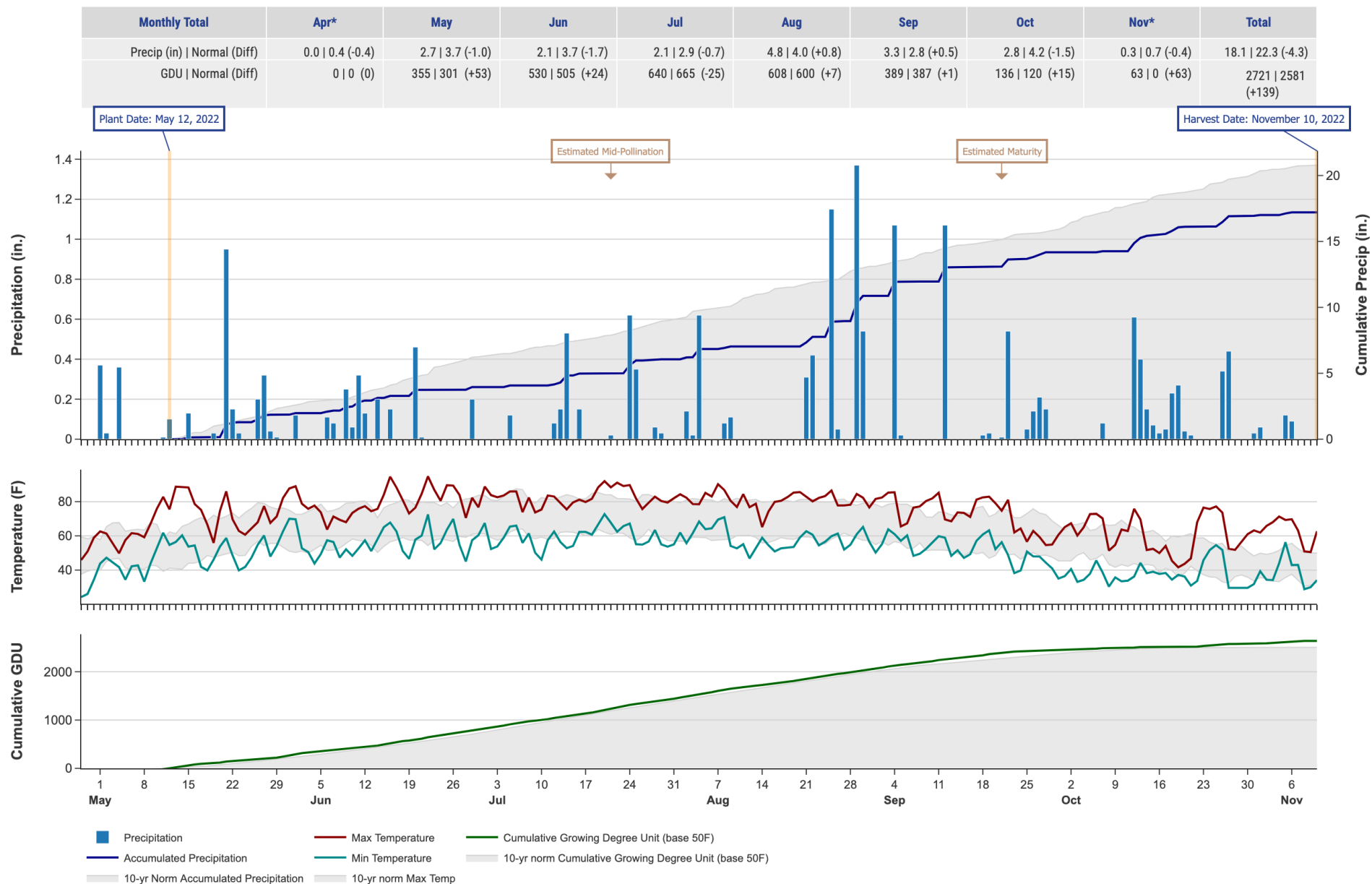
Additional reports available at www.firstseedtests.com

† 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 MIDLAND, MI



* 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.