

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

2022 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
B2022MITH04

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Wheat / Talinor

SOIL DESCRIPTION: Boyer, Roselms loamy sand,
moderately drained, non-
irrigated

SOIL CONDITION: Conventional W/ Fall Till, very
high P, very high K, 6.2 pH,
2.8% OM, 10.1 CEC

PEST MANAGEMENT: Halex Gt, Atrazine, Trivapro

FERTILITY - Applied N: 25 Spring, 150 Sidedress, 5 gal
Thiosulfate at planting

Applied N-P-K (units): 175-60-90

SEEDED - RATE - ROW: May 11 33.6 /A 30" spacing

HARVESTED - STAND: Nov 9 32.9 /A

TEST COMMENTS:

This site was planted in the second week of May with good stands early. The site received below-average rains during the growing season which showed some variability at harvest within the different soil types. The site had a good overall yield with a good spread of moisture. The corn was standing well with healthy plants at harvest and had good weed control during the season.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DS-4219AM ↗	AM	102	254.8	18.9	1	33.2	1685	1
Renk	RK590VT2P ↗	VT2P	98	250.7	18.1	2	33.2	1666	3
Integra	4993 TRERIB ↗	TRE	99	250.4	17.7	1	33.0	1668	2
Legacy	LC474-20 ↗	TRE	97	248.4	17.6	1	33.0	1656	4
Dyna-Gro	D40VC41RIB ↗	VT2P	100	247.8	18.4	1	33.5	1644	6
Pioneer	P9823Q GC ↗	QR	98	247.5	17.5	1	33.5	1651	5
Pioneer	P0035AM GC ↗	AM	100	246.5	19.4	1	32.1	1626	10
Renk	RK600VT2P ↗	VT2P	100	246.3	19.1	1	33.2	1627	9
M & W Seeds	45V21 ↗	VT2P	103	245.8	18.6	1	33.5	1628	8
Dyna-Gro	D36VC66RIB ↗	VT2P	97	245.5	17.6	1	33.5	1637	7
Dairyland	DS-3900AM ↗	AM	99	242.7	18.5	1	32.1	1609	12
Rob-See-Co	D98-43 ↗	TRE	98	242.6	17.4	1	33.2	1619	11
NK Brand	NK0007-AA ↗	AA	100	239.0	18.3	1	33.5	1586	16
M & W Seeds	MW 97A VT2P ↗	VT2P	97	238.4	17.2	1	33.2	1593	13
Rob-See-Co	RC4518-VT2P ↗	VT2P	94	237.9	17.2	1	33.2	1589	14
Renk	RK597SSPRO ↗	STXP	99	237.5	17.2	2	33.5	1587	15
Integra	5052 VT2PRIB ↗	VT2P	100	236.6	18.2	1	33.5	1571	17
Dairyland	DS-3727AM ↗	AM	97	235.7	18.3	1	32.1	1565	21
Renk	RK561DGVT2P ↗	VT2PDG	95	235.6	17.7	1	33.5	1570	19
M & W Seeds	MW 98A TRE ↗	TRE	98	235.5	17.6	1	32.5	1570	20
M & W Seeds	46T29 ↗	VT2P	99	235.3	17.4	1	33.5	1571	18
Rob-See-Co	D99-08 ↗	VT2P	99	234.4	18.2	1	32.1	1557	22
Legacy	LC-5217 SS ↗	STX	102	233.7	18.6	1	33.2	1549	24
Renk	RK579DGVT2P ↗	VT2PDG	99	233.4	17.5	2	33.0	1557	23
Integra	4601 VT2PRIB ↗	VT2P	96	229.0	17.2	1	33.2	1530	25
Dyna-Gro	D34VC93 ↗	VT2P	94	228.1	17.1	2	33.2	1525	26
Channel	197-27STXRIB GC ↗	STX	97	227.9	17.6	1	31.8	1519	27
Golden Harvest	G02K39-D ↗	D	102	227.6	18.9	1	32.5	1506	28
Legacy	LC482-21 ↗	VT2P	98	225.2	17.2	1	32.5	1505	29
Legacy	LC451-21 ↗	VT2P	95	224.8	16.9	2	33.2	1505	30

Matt Turner

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

Averages = **228.4** **17.9** **1** **32.9** **1522**

LSD (0.10) = 18.1 0.5 ns

LSD (0.25) = 9.5 0.3 ns

C.V. = 8.7

Historic yield: 219.88 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

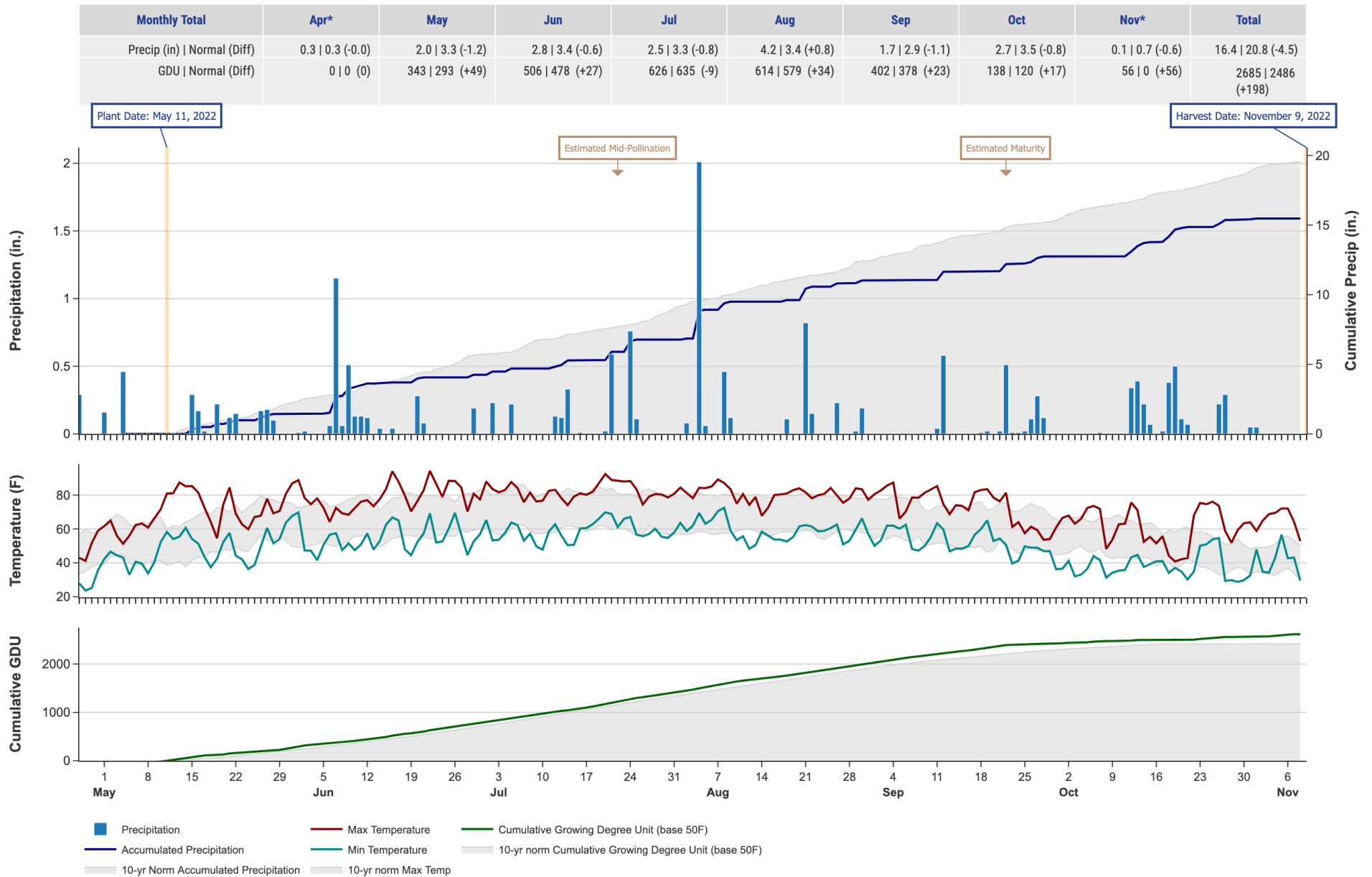
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

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Weather Conditions Summary at SILVERWOOD, 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.