

Test by: Southern MN FIRST New Richland, MN

2024 Corn Grain Top 30 Harvest Report

Red River Central North Dakota & Minnesota [RRCE]

MCINTOSH, MN

Dave Kiecker, Polk County, MN

All-Season Test 82 - 92 Day CRM
B2024RRCE22

Top 30 of 35 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybeans / Roundup,
Powermax, Xtendimax

SOIL DESCRIPTION: Hedman-Fram Complex loam,
moderately drained, non-
irrigated

SOIL CONDITION: Conventional W/ Fall Till, high P,
medium K, 7.4 pH, 4.2% OM,
23.4 CEC

PEST MANAGEMENT: Force, Surestart, Laudis,
Powermax

FERTILITY - Applied N: 254 Spring

Applied N-P-K (units): 254-100-115

SEEDED - RATE - ROW: Jun 10 34.4 /A 30" spacing

HARVESTED - STAND: Oct 26 32.7 /A

TEST COMMENTS:

Planting was delayed here by small planting windows. Conditions were great in June, so we decided to see how a very late planting date would affect yields. It turned out that the warm summer continued into September and October, and a delayed frost date just prior to harvest, resulted in good yields. The corn was all very tall after such a late planting, and stalk quality was excellent.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Thunder	T6592 VT2P ↗	VT2P	92	197.5	23.3	0	32.6	725	1
Augusta	A2037 ↗	V	87	188.9	23.2	0	33.7	693	2
Renk	RK405SSTX ↗	STX	91	184.1	23.5	0	33.0	674	3
Thunder	T6490 VT2P ↗	VT2P	90	181.6	22.9	0	32.9	669	4
Channel	193-91VT2PRIB GC ↗	VT2P	93	178.4	23.7	0	33.0	651	6
Renk	RK304VT2P ↗	VT2P	90	178.1	22.9	0	33.3	656	5
Proseed	2488 VT2PRIB GC ↗	VT2P	88	177.0	23.1	0	33.7	650	7
Thunder	T6389 VT2P ↗	VT2P	89	175.6	23.2	0	32.6	645	9
NK Brand	NK9021-D ↗	D	90	175.5	23.7	0	34.4	641	11
Golden Harvest	G87U44-V ↗	V	87	175.3	23.4	0	32.9	642	10
Dairyland	DS-2620AM ↗	AM	86	174.5	22.3	0	33.7	647	8
Thunder	T6588 AV ↗	V	88	174.3	23.9	0	32.2	635	12
Dairyland	DS-3159AM ↗	AM	91	169.6	22.7	0	33.3	626	13
Thunder	T6591 PC ↗	PCE	91	169.0	22.4	0	32.6	626	14
Renk	RK297VT2P ↗	VT2P	89	168.8	24.1	0	31.9	614	15
NK Brand	NK8711-V ↗	V	87	162.8	23.5	0	32.6	596	16
Pioneer	P9211AM GC ↗	AM	92	160.2	24.0	0	30.4	583	18
Pioneer	P9193AM GC ↗	AM	91	159.3	22.5	0	32.2	589	17
Proseed	2392 VT2PRIB GC ↗	VT2P	92	157.9	24.2	0	32.6	573	19
Thunder	T6587 PC ↗	PCE	87	154.5	24.1	0	34.0	562	20
Enestvedt	E612RR ↗	RR2	92	154.3	24.5	0	33.3	559	21
Dairyland	DS-2847PCE ↗	PCE	88	149.5	22.9	1	33.3	551	22
Thunder	T6185 VT2P ↗	VT2P	85	148.1	22.8	0	32.9	546	23
Renk	RK261VT2P ↗	VT2P	86	144.9	22.8	0	32.2	534	25
Thunder	T6983 VT2P ↗	VT2P	83	144.4	22.3	1	32.9	535	24
Thunder	T6987 VT2P ↗	VT2P	87	144.1	23.0	0	31.9	530	26
Augusta	A2140-AA ↗	AA	90	142.8	24.1	0	31.9	519	29
Golden Harvest	G92A51-AA ↗	AA	92	141.3	24.0	0	31.9	514	30
Thunder	T6485 PC ↗	PCE	85	141.1	22.7	0	33.3	521	27
Renk	RK258PCE ↗	PCE	85	139.9	22.1	0	32.9	520	28

Mark Querna

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Averages = **159.8** **23.3** **0** **32.7** **586**

LSD (0.10) = 11.5 0.7 ns

LSD (0.25) = 6.0 0.4 ns

C.V. = 7.9

Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.00

Report Date: 10/27/2024

† 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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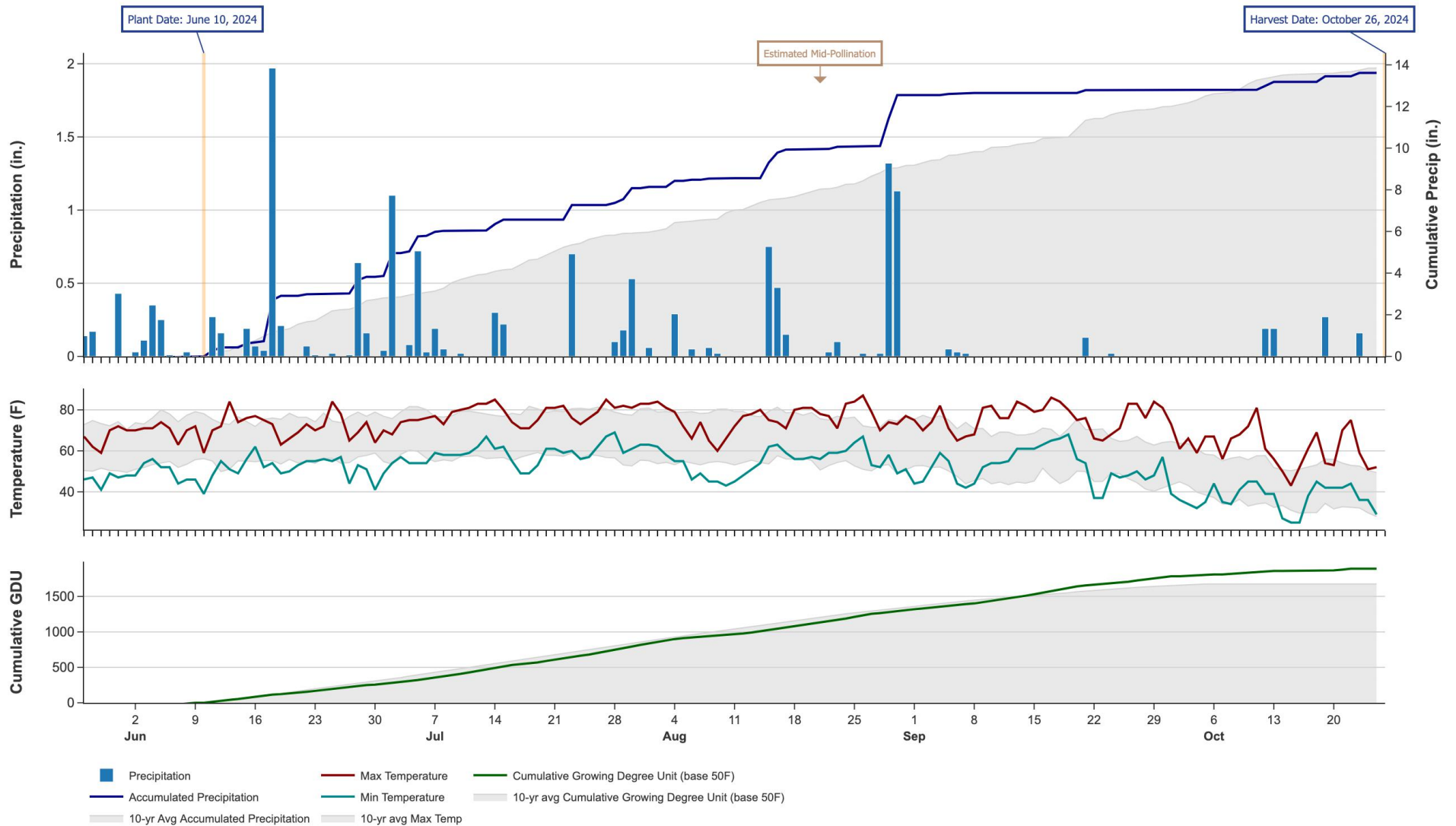
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Weather Conditions Summary at MCINTOSH, MN

Weather Data Retrieved: 10/27/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.7 0.5 (+0.2)	4.6 4.2 (+0.4)	4.3 3.2 (+1.0)	4.5 3.2 (+1.2)	0.2 2.8 (-2.6)	0.8 1.9 (-1.0)	15.1 15.8 (-0.7)
GDU Avg (Diff)	40 59 (-19)	354 453 (-99)	560 553 (+6)	490 484 (+5)	466 304 (+161)	118 26 (+91)	2028 1881 (+146)



* 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 (35 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2037	V	N	87	CM,C2
Augusta	A2140-AA	AA	N	90	CM,C2
Channel	193-91VT2PRIB GC	VT2P	Y	93	AC,P5V,EDC-B
Dairyland	DS-2620AM	AM	Y	86	Lum, L1
Dairyland	DS-2847PCE	PCE	Y	88	Lum, L1
Dairyland	DS-3159AM	AM	Y	91	Lum
Enestvedt	E612RR	RR2	N	92	CM,C2,Vi
Golden Harvest	G85B04-AA	AA	Y	85	CM,C5,Vi,Va
Golden Harvest	G87U44-V	V	Y	87	CM,C1,Vi,Va
Golden Harvest	G91V51-DV	DV	Y	91	AVC,C5,Vi,Va
Golden Harvest	G92A51-AA	AA	Y	92	CM,C5,Vi,Va
NK Brand	NK8558-AA	AA	Y	85	CM,C5,Vi,Va
NK Brand	NK8711-V	V	Y	87	CM,C1,Vi,Va
NK Brand	NK9021-D	D	Y	90	CM,C5,Vi,Va
NK Brand	NK9231-AA	AA	Y	92	CM,C5,Vi,Va
Pioneer	P9193AM GC	AM	Y	91	Lum
Pioneer	P9211AM GC	AM	Y	92	Lum
Proseed	2392 VT2PRIB GC	VT2P	Y	92	NA
Proseed	2488 VT2PRIB GC	VT2P	Y*	88	NA
Renk	RK258PCE	PCE	N	85	Lum
Renk	RK261VT2P	VT2P	Y	86	AC,P2
Renk	RK296AA	AA	Y	89	CM,C2
Renk	RK297VT2P	VT2P	Y*	89	AC,P2
Renk	RK304VT2P	VT2P	N	90	AC,P5V,EDC-EL
Renk	RK405SSTX	STX	N	91	AC,P5V,EDC-EL
Thunder	T6185 VT2P	VT2P	Y	85	AC,P2
Thunder	T6389 VT2P	VT2P	Y	89	AC,P2
Thunder	T6485 PC	PCE	Y	85	AC,P2
Thunder	T6490 VT2P	VT2P	Y	90	AC,P2
Thunder	T6587 PC	PCE	Y	87	F,I
Thunder	T6588 AV	V	Y	88	F,I
Thunder	T6591 PC	PCE	Y	91	F,I
Thunder	T6592 VT2P	VT2P	Y	92	F,I
Thunder	T6983 VT2P	VT2P	Y	83	F,I
Thunder	T6987 VT2P	VT2P	Y	87	F,I

* 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
PCE	PowerCore® Enlist®
RR2	Roundup Ready® 2 Corn
STX	SmartStax®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
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	Acceleron® 250
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AVC,C5,Vi,Va	Avicta Complete 500, Vibrance, Vayantis
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
F,I	Fungicide, Insecticide
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250

* Seed treatments may include unspecified plant health promoting components.