

Test by: Southern MN FIRST New Richland, MN

2024 Corn Grain Top 30 Harvest Report

Red River Central North Dakota & Minnesota [RRCE] VALLEY CITY, ND

David Noeske, Barnes County, ND

All-Season Test	82 - 92 Day CRM B2024RRCE21
Top 30 of 35	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Wheat / Axial Bold, Huskie Fx, Mcpa Ester
SOIL DESCRIPTION:	Gardena loam, mod. well drained, non-irrigated
SOIL CONDITION:	Strip-Till, high P, very high K, 5.9 pH, 3.6% OM, 14.3 CEC
PEST MANAGEMENT:	Force, Atrazine 4l, Resicore, Roundup Powermax 3
FERTILITY - Applied N:	169 Spring
Applied N-P-K (units):	169-86-120
SEEDED - RATE - ROW:	May 11 34.4 /A 30" spacing
HARVESTED - STAND:	Oct 28 33.4 /A

TEST COMMENTS:

The soil was on the dry side going into spring, but enough rain fell to give the seeds a great start. David told me that the growing season provided rainfall at the right times to produce a very good crop. The rain finally stopped in September and October, but the temps were unseasonably warm. The corn dried down faster than anticipated. David stated that yields across his fields have been above average. The field around the plot has not been harvested yet, but he believes it should produce about 210 bpa.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P9211AM GC ↗	AM	92	230.8	17.7	0	34.4	899	1
Thunder	T6389 VT2P ↗	VT2P	89	216.5	16.1	0	34.0	857	2
Thunder	T6591 PC ↗	PCE	91	216.2	17.0	0	34.0	848	3
Channel	193-91VT2PRIB GC ↗	VT2P	93	212.8	17.4	0	33.3	831	5
Dairyland	DS-2847PCE ↗	PCE	88	211.7	16.7	0	34.4	832	4
Golden Harvest	G91V51-DV ↗	DV	91	211.5	18.7	0	33.0	815	8
Thunder	T6588 AV ↗	V	88	210.7	17.2	0	34.0	825	6
Augusta	A2037 ↗	V	87	209.8	17.6	0	32.6	818	7
NK Brand	NK9231-AA ↗	AA	92	207.6	18.1	0	34.0	804	9
Renk	RK405SSTX ↗	STX	91	205.5	17.2	0	33.7	804	10
NK Brand	NK8711-V ↗	V	87	205.1	17.5	0	32.6	800	12
Augusta	A2140-AA ↗	AA	90	205.1	18.3	0	33.7	793	14
Renk	RK304VT2P ↗	VT2P	90	203.8	16.6	0	33.7	802	11
Enestvedt	E612RR ↗	RR2	92	203.0	17.9	0	33.7	789	17
Thunder	T6592 VT2P ↗	VT2P	92	202.6	17.2	0	33.3	792	15
Renk	RK296AA ↗	AA	89	202.3	18.0	0	33.3	785	20
Dairyland	DS-2620AM ↗	AM	86	202.1	16.0	0	32.6	800	13
Renk	RK297VT2P ↗	VT2P	89	201.6	16.9	0	32.6	791	16
Golden Harvest	G87U44-V ↗	V	87	201.4	17.8	0	33.3	783	21
Pioneer	P9193AM GC ↗	AM	91	201.2	17.4	0	34.0	786	19
NK Brand	NK9021-D ↗	D	90	201.1	16.9	0	33.7	789	18
Dairyland	DS-3159AM ↗	AM	91	200.8	18.3	0	34.4	777	22
Proseed	2488 VT2PRIB GC ↗	VT2P	88	197.8	17.2	0	34.4	774	23
Thunder	T6490 VT2P ↗	VT2P	90	197.5	17.2	0	34.0	773	24
Golden Harvest	G92A51-AA ↗	AA	92	197.1	18.1	0	33.3	764	26
Proseed	2392 VT2PRIB GC ↗	VT2P	92	195.7	17.6	0	33.0	762	28
Thunder	T6485 PC ↗	PCE	85	194.3	16.0	0	34.4	770	25
Renk	RK261VT2P ↗	VT2P	86	192.9	16.0	0	33.3	764	27
Thunder	T6987 VT2P ↗	VT2P	87	192.6	16.7	0	32.2	757	29
Thunder	T6587 PC ↗	PCE	87	189.9	16.5	0	31.9	748	30

Mark Querna

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Averages = **200.6** **17.1** **0** **33.4** **785**

LSD (0.10) = 13.7 0.5 ns

LSD (0.25) = 7.2 0.3 ns

C.V. = 7.5

Historic yield: new site

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

Report Date: 10/28/2024

† 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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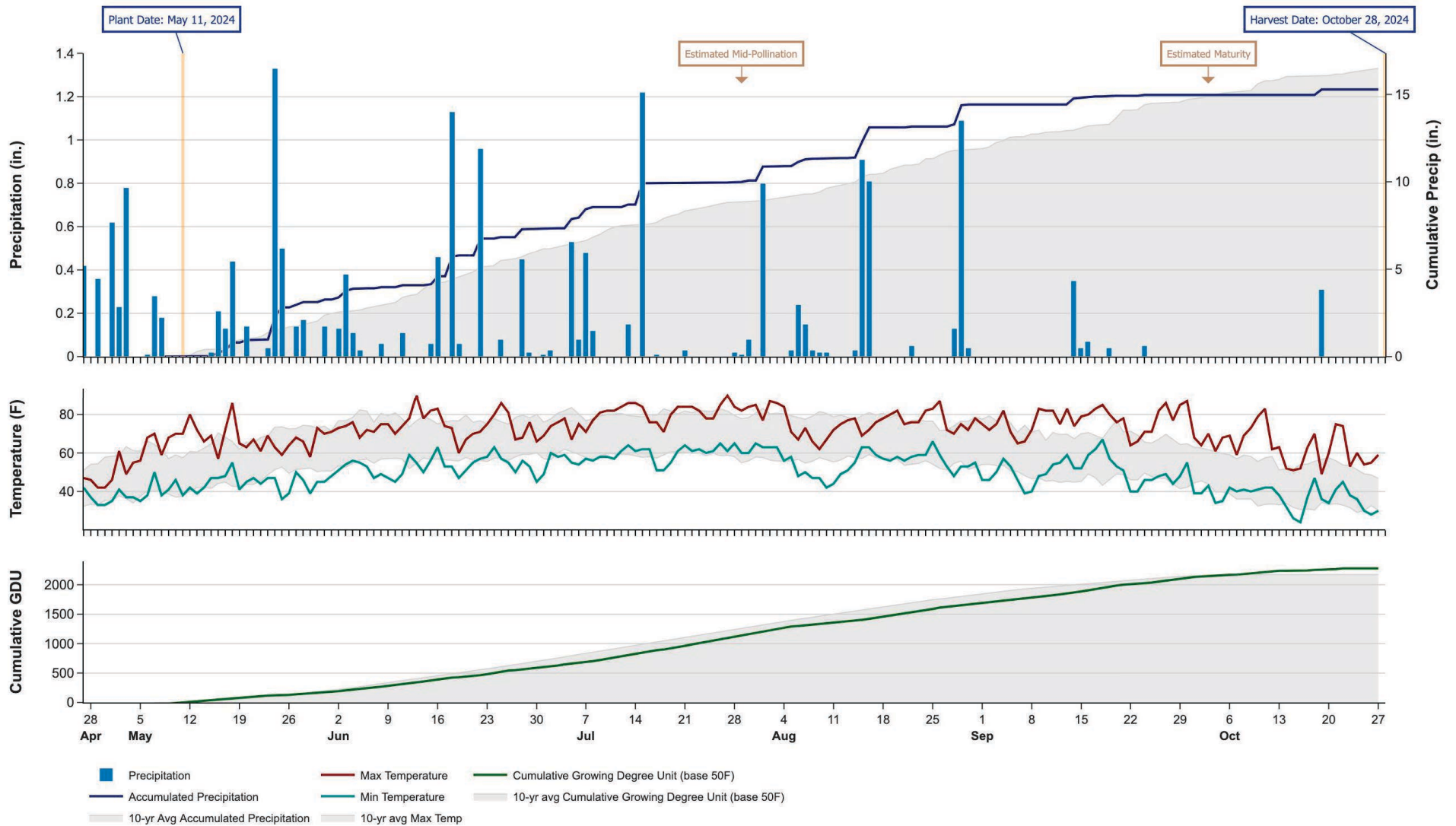
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Weather Conditions Summary at VALLEY CITY, ND

Weather Data Retrieved: 10/28/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.8 0.5 (+0.3)	5.4 3.4 (+1.9)	4.0 3.6 (+0.4)	2.8 2.9 (-0.1)	4.3 3.0 (+1.4)	0.6 2.8 (-2.3)	0.3 1.8 (-1.5)	18.2 18.1 (+0.1)
GDU Avg (Diff)	0 0 (0)	222 211 (+10)	416 507 (-91)	602 604 (-2)	490 526 (-36)	446 319 (+126)	154 24 (+129)	2330 2193 (+136)



* 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.