

Test by: Southern MN FIRST New Richland, MN

### 2024 Corn Grain Top 30 Harvest Report

Red River South North Dakota & Minnesota [RRSO]  
MOORETON, ND

Andrew Mauch, Richland County, ND

**All-Season Test** 85 - 95 Day CRM  
B2024RRSO16

**Top 30 of 40** For Gross Income  
(Sorted by Yield)  
Average of (4) Replications

**PREV. CROP/HERB:** Soybeans / Clethodim, Varisto,  
Foma, Liberty

**SOIL DESCRIPTION:** Galchutt silt loam, moderately  
drained, non-irrigated

**SOIL CONDITION:** Conventional W/ Fall Till, very  
high P, very high K, 8.0 pH, 2.9%  
OM, 28.5 CEC

**PEST MANAGEMENT:** Harness, Force, Laudis,  
Roundup, Atrazine

**FERTILITY - Applied N:** 96 Fall, 78 Spring

**Applied N-P-K (units):** 174-75-25

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

**HARVESTED - STAND:** Oct 29 30.9 /A

#### TEST COMMENTS:

Heavy rains delayed planting until June 10. More than 5" of rain fell in the next two weeks (see the rainfall chart on the second page of this report). Warm and dry weather dominated in September and October, but this plot never had a chance. The field surrounding the plot only averaged 130 bpa. Other fields with higher elevation averaged over 200 bpa. A lot of variability in plot stands was visually evident. The results were rejected due to high yield variability.

Company/Brand	Product/Brand	Yield (bpa)	Moisture (%)	Shrink (%)	Drying (\$/bu)	Prices: GMO (\$/bu)	Gross Income (\$/bu)	Rank
Check	XXXXXXXXXX	148.7	20.8	0	32.4	363	1	
Check	XXXXXX	138.4	20.7	0	32.4	400	2	
Check	XXXXXX	127.4	20.2	0	32.0	400	3	
Check	XXXXXX	126.8	19.4	0	31.1	417	4	
Check	XXXXXX	121.8	19.1	0	31.1	446	5	
Check	XXXXXX	111.1	19.1	0	31.1	446	6	
Check	XXXXXX	109.9	20.0	0	31.0	400	9	
Check	XXXXXX	109.8	19.9	0	31.0	400	8	
Check	XXXXXX	109.8	19.8	0	31.0	400	7	
Check	XXXXXX	109.1	19.8	0	31.0	400	10	
Check	XXXXXX	109.1	19.8	0	31.0	400	11	
Check	XXXXXX	109.1	19.8	0	31.0	400	12	
Check	XXXXXX	109.1	19.8	0	31.0	400	13	
Check	XXXXXX	109.1	19.8	0	31.0	400	14	
Check	XXXXXX	109.1	19.8	0	31.0	400	15	
Check	XXXXXX	109.1	19.8	0	31.0	400	16	
Check	XXXXXX	109.1	19.8	0	31.0	400	17	
Check	XXXXXX	109.1	19.8	0	31.0	400	18	
Check	XXXXXX	109.1	19.8	0	31.0	400	19	
Check	XXXXXX	109.1	19.8	0	31.0	400	20	
Check	XXXXXX	109.1	19.8	0	31.0	400	21	
Check	XXXXXX	109.1	19.8	0	31.0	400	22	
Check	XXXXXX	109.1	19.8	0	31.0	400	23	
Check	XXXXXX	109.1	19.8	0	31.0	400	24	
Check	XXXXXX	109.1	19.8	0	31.0	400	25	
Check	XXXXXX	109.1	19.8	0	31.0	400	26	
Check	XXXXXX	109.1	19.8	0	31.0	400	27	
Check	XXXXXX	109.1	19.8	0	31.0	400	28	
Check	XXXXXX	109.1	19.8	0	31.0	400	29	
Check	XXXXXX	109.1	19.8	0	31.0	400	30	



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Averages =	92.9	18.9	0	30.9	363
LSD (0.10) =	26.5	ns	ns		
LSD (0.25) =	13.9	ns	ns		
C.V. =	31.2				Historic yield: new site

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

Report Date: 10/30/2024

† 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](http://www.firstseedtests.com)

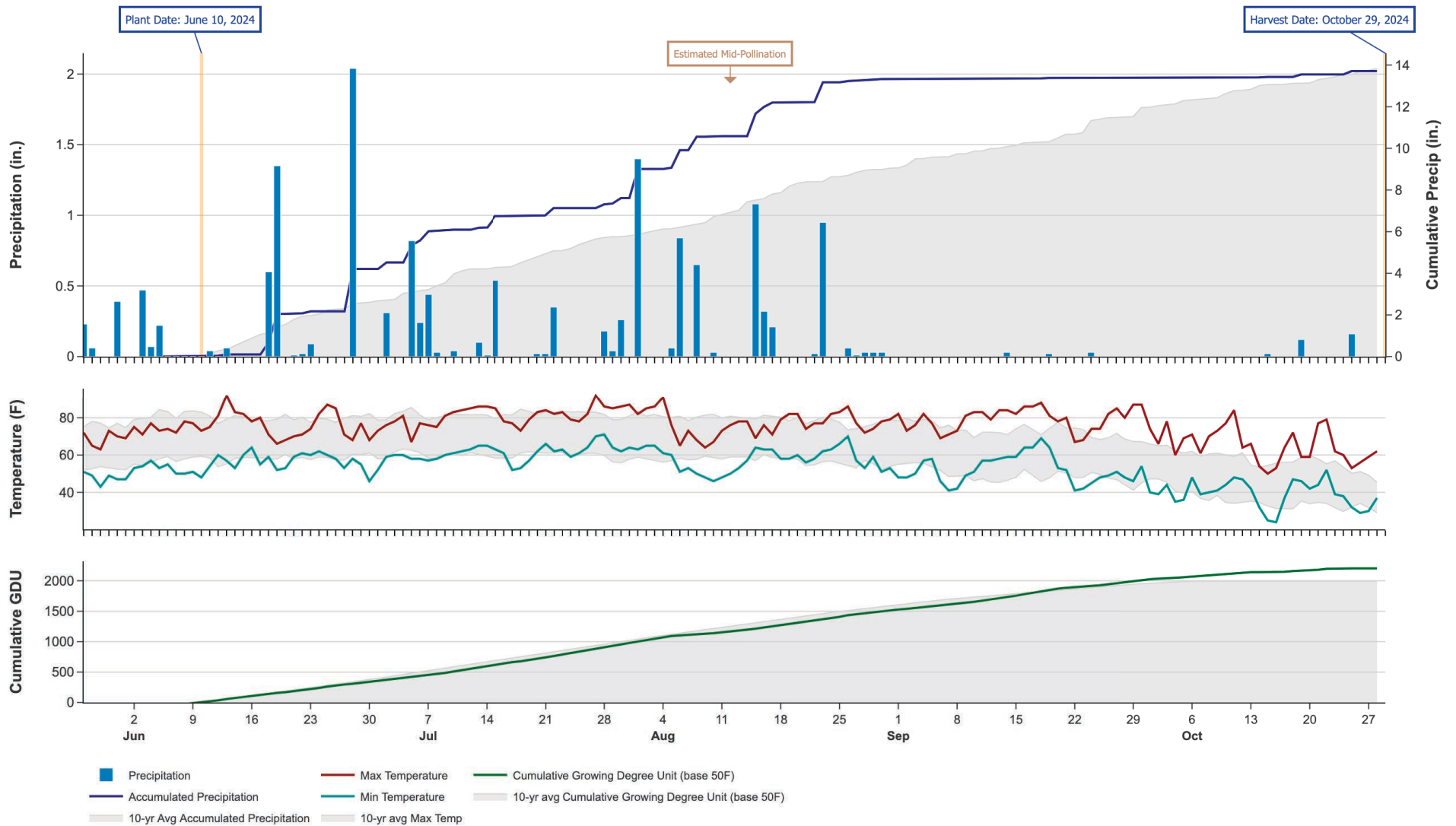
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2024 Corn - Red River South North Dakota & Minnesota [ RRSO ]

## Weather Conditions Summary at MOORETON, ND

Weather Data Retrieved: 10/30/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	0.7   0.5 (+0.2)	5.0   3.2 (+1.7)	3.4   3.2 (+0.2)	5.7   3.2 (+2.5)	0.1   2.9 (-2.8)	0.3   1.9 (-1.6)	15.2   15.0 (+0.2)
GDU   Avg (Diff)	47   72 (-25)	464   568 (-104)	646   644 (+1)	534   562 (-28)	502   365 (+136)	188   40 (+147)	2381   2255 (+125)



\* 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.

## 2024 Corn - Red River South North Dakota & Minnesota [ RRSO ]

### All-Season Test Products (40 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
Augusta	A2244	DV	Y	94	CM,C2
Augusta	A2541-DV	DV	Y	91	CM,C2
Dairyland	DS-2620AM	AM	Y	86	Lum, L1
Dairyland	DS-2847PCE	PCE	Y	88	Lum, L1
Dairyland	DS-3477AM	AM	Y	94	Lum
Dyna-Gro	D34SS93RIB GC	STX	Y	94	AC,P5V
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	G94U63-V	V	Y	94	CM,C5,Vi,Va
Jacobsen	JS9283SS	STX	Y	92	Treated
Jacobsen	JS9491VT2P	VT2P	Y	95	Treated
Jacobsen	JS9542DGVT2P	VT2PDG	Y	95	Treated
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
NK Brand	NK9400-V	V	Y	94	CM,C1,Vi,Va
Pioneer	P9193AM GC	AM	Y	91	Lum
Pioneer	P9211AM GC	AM	Y	92	Lum
Pioneer	P9492AM GC	AM	Y	94	Lum
Renk	RK296AA	AA	Y	89	CM,C2
Renk	RK304VT2P	VT2P	N	90	AC,P5V,EDC-EL
Renk	RK444VT2P	VT2P	Y*	93	AC,P2
Renk	RK456VT2P	VT2P	N	94	AC,P5V,EDC-EL
Renk	RK485DGVT2P	VT2PDG	Y*	94	AC,P2
Renk	RK519VT4P	VT4P	N	95	AC,P5V,EDC-EL
Thunder	T6294 VT2P	VT2PDG	Y	94	AC,P2
Thunder	T6389 VT2P	VT2P	Y	89	AC,P2
Thunder	T6396 VT2P	VT2P	Y	95	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	T6695 VT2P	VT2P	Y	95	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

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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

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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®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

NOTE: The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*

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NA	Not Available
AC,P2	Acceleron® 250
AC,P5V	Acceleron® Poncho 500/Votivo
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
Treated	Treated seed, unspecified

\* Seed treatments may include unspecified plant health promoting components.