

Test by: Southern MN FIRST New Richland, MN

2024 Corn Grain Top 30 Harvest Report

Red River South North Dakota & Minnesota [RRSO]
 WENDELL, MN
 Chad Biss, Grant County, MN 56531

All-Season Test	85 - 95 Day CRM B2024RRSO17
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Liberty, Select Max
SOIL DESCRIPTION:	Aazdahl-Formdale-Balaton clay loam, mod. well drained, non- irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, medium K, 7.6 pH, 6.5% OM, 31.2 CEC
PEST MANAGEMENT:	Tripleflex li, Roundup, Status
FERTILITY - Applied N:	170 Spring, 2 lbs Zinc
Applied N-P-K (units):	170-60-40
SEEDED - RATE - ROW:	Jun 10 34.4 /A 30" spacing
HARVESTED - STAND:	Oct 25 33.4 /A

TEST COMMENTS:

Planting was delayed here as Chad told me he was rained out of the fields from May 13 to June 10. Chad received more than 10" of rain in May, and "too much" in June. However, he told me that he was "maybe a 1" rain (after pollination) away from a great corn crop this year. It has been extremely dry here in Sept and Oct. Corn dried down much more quickly than anticipated. This late-planted plot had extremely tall plants with no lodging

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK519VT4P ↗	VT4P	95	210.4	19.7	0	34.0	802	1
Golden Harvest	G94U63-V ↗	V	94	197.7	20.7	1	34.4	746	2
Renk	RK296AA ↗	AA	89	192.6	20.1	0	33.7	731	3
NK Brand	NK9231-AA ↗	AA	92	192.6	21.0	1	32.9	724	5
Thunder	T6592 VT2P ↗	VT2P	92	190.8	19.2	0	33.7	731	4
Renk	RK485DGV2P ↗	VT2PDG	94	189.8	21.0	0	33.7	714	7
Jacobsen	JS9542DGV2P ↗	VT2PDG	95	188.6	20.9	0	34.0	710	9
Thunder	T6591 PC ↗	PCE	91	187.5	19.5	1	32.6	716	6
Thunder	T6294 VT2P ↗	VT2PDG	94	187.0	20.9	0	34.0	703	12
Renk	RK444VT2P ↗	VT2P	93	186.8	20.3	1	33.3	708	10
Dairyland	DS-3477AM ↗	AM	94	186.4	19.4	0	32.6	713	8
Augusta	A2244 ↗	DV	94	186.0	21.0	0	33.3	700	14
Dyna-Gro	D34SS93RIB GC ↗	STX	94	185.3	20.3	0	33.7	702	13
Golden Harvest	G87U44-V ↗	V	87	183.1	18.6	0	32.9	706	11
Augusta	A2541-DV ↗	DV	91	182.8	20.2	1	34.4	693	15
Jacobsen	JS9491VT2P ↗	VT2P	95	180.6	20.1	0	31.9	685	16
NK Brand	NK9400-V ↗	V	94	179.6	20.8	3	32.9	677	19
Pioneer	P9211AM GC ↗	AM	92	178.5	20.0	0	33.7	678	18
Thunder	T6396 VT2P ↗	VT2P	95	177.0	20.3	1	33.3	671	21
Augusta	A2140-AA ↗	AA	90	176.6	20.6	0	33.3	667	22
Augusta	A2037 ↗	V	87	175.6	18.7	0	34.4	676	20
Dairyland	DS-2620AM ↗	AM	86	175.5	18.2	2	33.7	680	17
Thunder	T6695 VT2P ↗	VT2P	95	175.0	19.7	2	34.4	667	23
Renk	RK304VT2P ↗	VT2P	90	172.5	18.5	0	34.4	666	24
Thunder	T6389 VT2P ↗	VT2P	89	172.4	18.8	0	33.7	664	25
Pioneer	P9492AM GC ↗	AM	94	172.2	19.2	0	34.0	660	26
Renk	RK456VT2P ↗	VT2P	94	171.5	19.1	2	32.9	658	28
Jacobsen	JS9283SS ↗	STX	92	170.4	18.6	0	33.7	657	29
Thunder	T6490 VT2P ↗	VT2P	90	170.0	18.1	1	33.3	659	27
Pioneer	P9193AM GC ↗	AM	91	166.1	17.6	1	33.3	647	30

 Mark Querna mark.querna@firstseedtests.com, (507) 380-9920	Averages =	175.7	19.4	1	33.4	671
	LSD (0.10) =	16.2	0.9	1		
	LSD (0.25) =	8.5	0.5	1		
	C.V. =	10.1				Historic yield: 186.38 bu/a, 6 yr(s)

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

Report Date: 10/26/2024

† 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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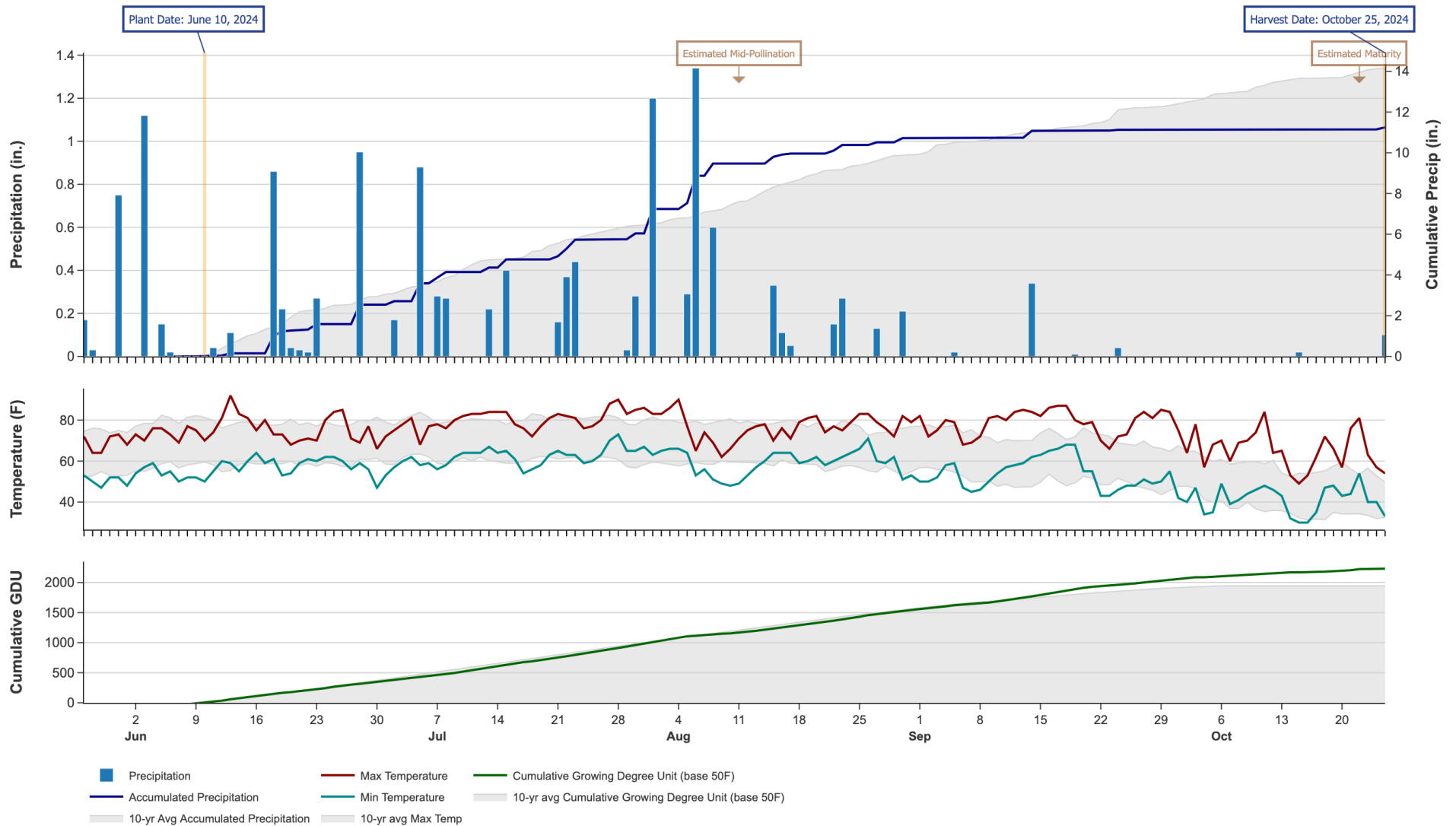
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Weather Conditions Summary at WENDELL, MN

Weather Data Retrieved: 10/26/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.9 0.7 (+0.2)	3.8 3.9 (-0.0)	3.5 3.5 (-0.0)	4.7 3.5 (+1.2)	0.4 2.4 (-2.0)	0.1 1.8 (-1.7)	13.5 15.8 (-2.3)
GDU Avg (Diff)	51 70 (-19)	470 553 (-83)	646 632 (+13)	556 555 (0)	510 351 (+158)	175 34 (+140)	2408 2198 (+209)



* 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 (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

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®
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*

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.