

Test by: Performance Crop Research Great Bend, KS

## 2024 Corn Grain Top 30 Harvest Report

Kansas Central [KSCE] GREAT BEND, KS

Circle K Farming Partnership, Aaron Baldwin, Barton County, KS

<b>All-Season Test</b>	107 - 117 Day CRM B2024KSCE01
<b>Top 24 of 24</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Corn / Trivapro, Liberty, Lexar, Verdict, Buccaneer 5 Extra
<b>SOIL DESCRIPTION:</b>	Elmer loam, mod. well drained, irrigated
<b>SOIL CONDITION:</b>	Strip-Till, medium P, very high K, 7.5 pH, 0.8% OM, 5.4 CEC
<b>PEST MANAGEMENT:</b>	Degree Xtra, Mesotrione, Verdict, Degree Xtra, Dicamba, Laudis
<b>FERTILITY - Applied N:</b>	30 Planter, 175 Foliar Rescue
<b>Applied N-P-K (units):</b>	205-0-0
<b>SEEDED - RATE - ROW:</b>	May 8 32.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 8 30.1 /A

### TEST COMMENTS:

A total of 12.71 inches of rain was received through the duration of this trial, which was 6.70 inches less than the historical average rainfall amount. A center pivot irrigation system was used to supplement the dryer year. Fungicide was flown on at VT to help with Grey Leaf Spot pressure, which is typical for this area. There was minimal to no weed or insect pressure.

Report Date: 10/09/2024

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

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK921VT2P ↗	VT2P	115	<b>232.9</b>	14.6	0	30.4	1013	1
Renk	RK773TRE ↗	TRE	109	<b>229.4</b>	13.3	0	29.9	997	2
Integra	6493 VT2PRIB ↗	VT2P	114	<b>227.0</b>	13.6	0	30.4	987	3
Renk	RK825VT4P ↗	VT4P	112	<b>223.1</b>	13.9	0	31.1	970	4
DeKalb	DKC62-70RIB GC ↗	VT2P	112	<b>223.1</b>	13.8	0	30.7	970	5
Hoegemeyer	8813V ↗	VE	118	<b>223.0</b>	15.0	0	30.4	970	6
Hoegemeyer	8454Q ↗	QR	114	217.6	13.6	0	29.5	947	7
Integra	6624TRERIB ↗	TRE	116	215.4	13.9	0	29.0	937	8
Mustang	570PR RIB ↗	VT2P	112	213.0	14.0	0	28.9	927	9
Hoegemeyer	8366V ↗	VE	113	210.2	13.1	0	31.8	914	10
Mustang	63A06 TRE RIB ↗	TRE	106	209.2	12.7	0	28.9	910	11
Mustang	62V09 VT2P RIB ↗	VT2P	109	206.6	12.4	0	29.3	899	12
Integra	5802 VT2PRIB ↗	VT2P	108	206.5	12.7	0	27.7	898	13
Taylor	EXP C-117-24 ↗	TRE	117	205.5	14.7	0	29.8	894	14
Renk	RK876VT2P ↗	VT2P	113	204.4	13.8	0	31.2	889	15
Hoegemeyer	8207V ↗	VE	112	203.9	13.2	0	28.8	887	16
Renk	RK832SSPRO ↗	STXP	113	203.9	13.6	0	30.0	887	17
Renk	RK785PCE ↗	PCE	109	202.4	12.7	0	32.2	880	18
Renk	RK800VT4PRO ↗	VT4P	110	200.6	13.8	0	29.6	873	19
Taylor	6015 TRE ↗	TRE	115	200.4	13.9	0	31.6	872	20
Renk	RK958VT2P ↗	VT2P	115	199.5	14.0	0	31.1	867	21
Integra	6274 VT2PRIB ↗	VT2P	112	191.5	13.6	0	28.9	833	22
Renk	RK766SSPRO ↗	STXP	109	183.8	12.4	0	30.2	800	23
Channel	215-60TRERIB GC ↗	TRE	115	157.0	13.9	0	30.7	683	24

*Melissa Nelson*

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Averages = **207.2** **13.6** **30.1** **904**

LSD (0.10) = 10.8 0.2 ns

LSD (0.25) = 5.7 0.1 ns

C.V. = 5.7

Historic yield: new site

### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$4.35

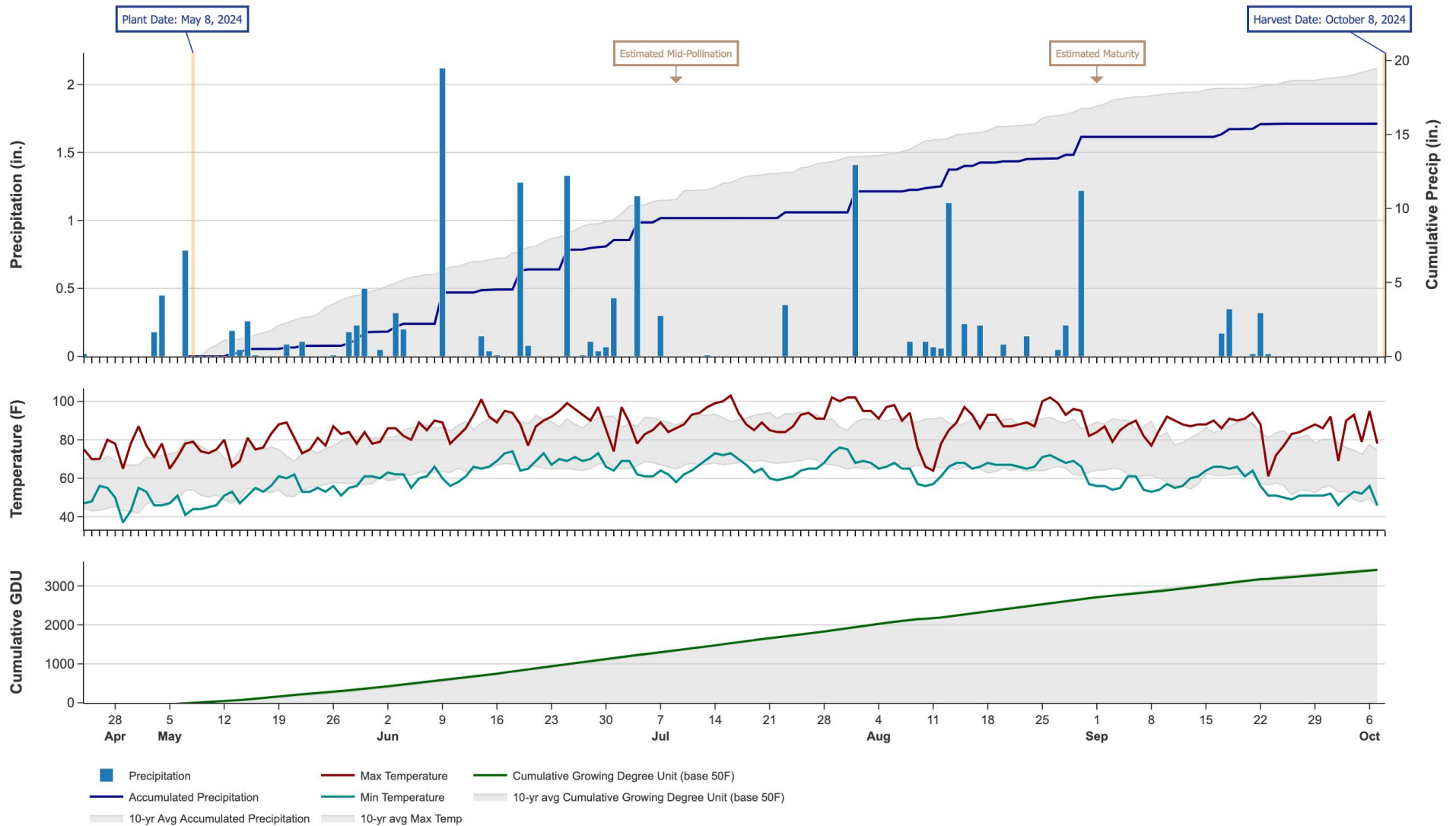
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

# 2024 Corn - Kansas Central [ KSCE ]

## Weather Conditions Summary at GREAT BEND, KS

Weather Data Retrieved: 10/09/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	0.0   0.8 (-0.8)	3.0   5.8 (-2.8)	5.8   4.7 (+1.1)	2.3   4.4 (-2.1)	5.1   3.3 (+1.8)	0.9   2.0 (-1.1)	0.0   0.7 (-0.7)	17.1   21.6 (-4.5)
GDU   Avg (Diff)	88   66 (+21)	487   433 (+53)	752   748 (+3)	788   828 (-40)	769   790 (-21)	605   640 (-35)	116   97 (+18)	3605   3605 (0)



\* 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 - Kansas Central [ KSCE ]

### All-Season Test Products (24 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Channel	215-60TRERIB GC	TRE	Y	115	AC,P2V
DeKalb	DKC62-70RIB GC	VT2P	Y	112	AC,P5V
Hoegemeyer	8207V	VE	Y	112	Lum, L1
Hoegemeyer	8366V	VE	Y	113	Lum, L1
Hoegemeyer	8454Q	QR	Y	114	Lum, L1
Hoegemeyer	8813V	VE	Y	118	Lum, L1
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Integra	6274 VT2PRIB	VT2P	Y	112	NA
Integra	6493 VT2PRIB	VT2P	Y*	114	NA
Integra	6624TRERIB	TRE	Y	116	NA
Mustang	570PR RIB	VT2P	Y	112	CM,C5
Mustang	62V09 VT2P RIB	VT2P	Y	109	CM,C5
Mustang	63A06 TRE RIB	TRE	Y*	106	CM,C5
Renk	RK766SSPRO	STXP	Y*	109	AC,P5V,EDC-EL
Renk	RK773TRE	TRE	Y*	109	AC,P2
Renk	RK785PCE	PCE	N	109	Lum
Renk	RK800VT4PRO	VT4P	N	110	AC,P5V,EDC-EL
Renk	RK825VT4P	VT4P	N	112	AC,P5V,EDC-EL
Renk	RK832SSPRO	STXP	Y*	113	AC,P5V,EDC-EL
Renk	RK876VT2P	VT2P	Y*	113	AC,P2
Renk	RK921VT2P	VT2P	N	115	AC,P5V,EDC-EL
Renk	RK958VT2P	VT2P	Y*	115	AC,P2
Taylor	6015 TRE	TRE	N	115	CM,C2
Taylor	EXP C-117-24	TRE	N	117	CM,C2

\* 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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PCE	PowerCore® Enlist®
QR	Qrome®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

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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,P2V	Acceleron® Poncho 250/Votivo
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
CM,C2	CruiserMaxx® 250
CM,C5	Cruisermaxx® 500
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250

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