

Test by: Performance Crop Research , KS

2024 Corn Grain Top 30 Harvest Report

Kansas Central [KSCE] JUNCTION CITY, KS
Dibben Land and Cattle, Geary County, KS

All-Season Test	107 - 117 Day CRM B2024KSCE03
Top 24 of 24	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Tripleflex, Harness Max, Roundup, Atrazine
SOIL DESCRIPTION:	Reading silty clay loam, well drained, irrigated
SOIL CONDITION:	No-Till, very high P, high K, 5.1 pH, 2.9% OM, 24.5 CEC
PEST MANAGEMENT:	Roundup, Atrazine 4l, 2,4-D, Tripleflex, Status, Harness Max, Hero, Lucento
FERTILITY - Applied N:	160 Spring, 178 Foliar Rescue, Fertigated, 52 lb/ac S, 1 lb/a Zn
Applied N-P-K (units):	338-40-0
SEEDED - RATE - ROW:	Apr 20 32.0 /A 30" spacing
HARVESTED - STAND:	Oct 1 30.8 /A

TEST COMMENTS:

This site was planted into a no-till seedbed. The farmer kept the site weed-free with little disease or insect pressure due to aerial fungicide and insecticide application. The field was uniform across the trial. Ample rainfall supplemented with center pivot irrigation provided sufficient moisture for the site. There were no problems with planting or harvesting.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
TAYLOR	EXP C-117-24 ↗	TRE	117	299.6	16.6	0	31.4	1320	1
INTEGRA	6624TRERIB ↗	TRE	116	294.6	16.1	0	30.3	1304	2
HOEGEMEYER	8813V ↗	VE	118	289.0	17.1	0	31.4	1268	3
TAYLOR	6015 TRE ↗	TRE	115	284.9	16.4	0	31.3	1258	6
RENK	RK921VT2P ↗	VT2P	115	284.6	16.8	0	32.0	1251	8
RENK	RK825VT4P ↗	VT4P	112	283.5	15.7	0	30.6	1260	4
RENK	RK785PCE ↗	PCE	109	282.9	14.5	0	33.9	1259	5
RENK	RK832SSPRO ↗	STXP	113	282.0	15.5	0	32.2	1255	7
HOEGEMEYER	8454Q ↗	QR	114	281.0	15.3	0	30.3	1250	9
INTEGRA	6493 VT2PRIB ↗	VT2P	114	280.9	15.8	0	30.5	1246	10
RENK	RK876VT2P ↗	VT2P	113	278.9	15.6	0	31.2	1240	11
HOEGEMEYER	8366V ↗	VE	113	278.1	15.3	0	29.7	1238	12
INTEGRA	5802 VT2PRIB ↗	VT2P	108	273.7	14.9	0	27.9	1218	13
MUSTANG	62V09 VT2P RIB ↗	VT2P	109	271.6	14.9	0	30.5	1209	14
CHANNEL	215-60TRERIB GC ↗	TRE	115	271.6	15.9	0	32.0	1204	15
INTEGRA	6274 VT2PRIB ↗	VT2P	112	269.2	16.6	0	28.9	1186	18
MUSTANG	570PR RIB ↗	VT2P	112	268.0	15.6	0	31.3	1191	17
HOEGEMEYER	8207V ↗	VE	112	267.9	15.1	0	30.9	1192	16
RENK	RK773TRE ↗	TRE	109	265.3	14.4	0	30.8	1181	19
RENK	RK958VT2P ↗	VT2P	115	260.1	16.7	0	31.9	1145	20
RENK	RK766SSPRO ↗	STXP	109	256.1	14.4	0	30.9	1140	21
MUSTANG	63A06 TRE RIB ↗	TRE	106	253.8	14.6	0	32.2	1129	22
RENK	RK800VT4PRO ↗	VT4P	110	242.6	15.7	0	29.3	1077	23
DEKALB	DKC62-70RIB GC ↗	VT2P	112	242.3	15.7	0	28.3	1076	24

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Averages = **273.5** **15.6** **0** **30.8** **1212**

LSD (0.10) = 11.9 0.3 ns

LSD (0.25) = 6.2 0.2 ns

C.V. = 4.8

Historic yield: new site

Yield & Income Factors: Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$4.45

Report Date: 10/01/2024

† 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 exceeded 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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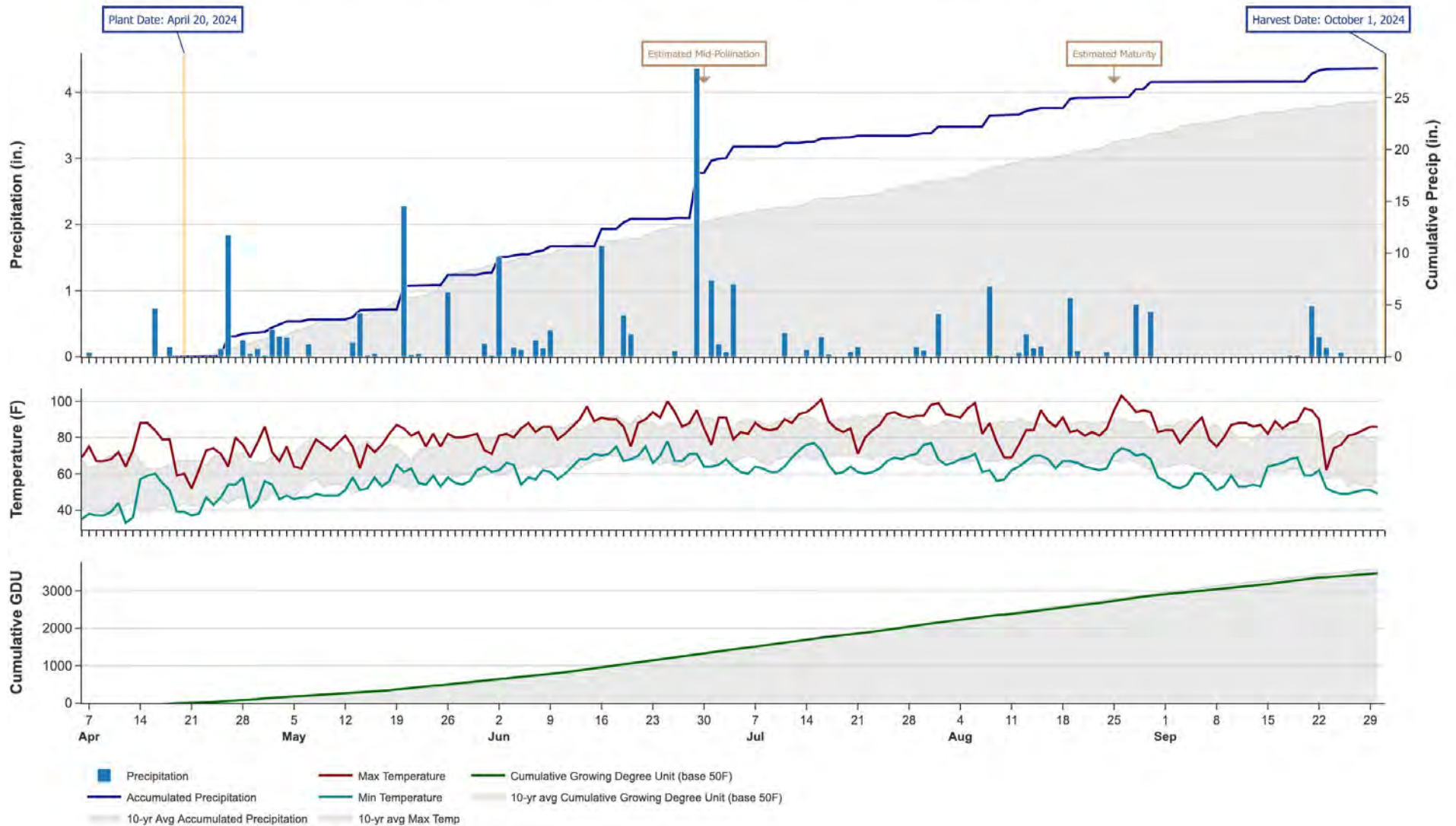
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2024 Corn - Kansas Central [KSCE]

Weather Conditions Summary at JUNCTION CITY, KS

Weather Data Retrieved: 10/01/2024

Monthly Total	Apr ⁴	May	Jun	Jul	Aug	Sep [*]	Total
Precip (in) (Diff)	3.3 2.7 (+0.7)	5.7 7.1 (-1.4)	9.7 4.4 (+5.2)	3.8 3.9 (-0.1)	5.0 4.5 (+0.4)	1.3 3.1 (-1.8)	28.8 25.7 (+3.0)
GDU Avg (Diff)	280 217 (+62)	486 452 (+33)	754 756 (-2)	783 838 (-55)	764 803 (-39)	580 640 (-60)	3647 3709 (-62)



* 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 (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

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

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

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

Corn Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.