

Test by: Performance Crop Research Great Bend, KS

2024 Corn Grain Top 30 Harvest Report

Kansas Central [KSCE] OAKLEY, KS

Troy Sporer, Thomas County, KS

All-Season Test 107 - 117 Day CRM
B2024KSCE04

Top 24 of 24 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Prevent Plant/Sudan Silage /
Tripleflex, Laudis, Diflexx Duo,
Glyphosate

SOIL DESCRIPTION: Keith silt loam, well drained,
irrigated

SOIL CONDITION: Strip-Till, very high P, very high
K, 7.0 pH, 2.5% OM, 15.9 CEC

PEST MANAGEMENT: Roundup, Atrazine 4l, 2,4-D,
Tripleflex, Status, Harness Max,
Hero, Lucento

FERTILITY - Applied N: 182 Spring

Applied N-P-K (units): 182-0-0

SEEDED - RATE - ROW: Apr 24 32.0 /A 30" spacing

HARVESTED - STAND: Oct 12 31.9 /A

TEST COMMENTS:

Planting went well, stands were consistent and the start of the season looked promising. Field variation became prominent due to bad drought conditions late in the season and this circle had limited water. Crops looked very stressed by the end of the season, starting in mid to late July, and yields reflected that. There was no weed or disease pressure. Test results were rejected due to yield variability from drought stress.

Report Date: 10/13/2024

Additional reports available at www.firstseedtests.com

Company/Brand	Product/Brand	Tested †	SN	Yield Bush./A	Moisture %	lodging %	Stand (x 1000)	Gross Income \$/acre	Rank
Rank	AGROFORCE +	PCB	108	288.8	13.8	0	30.9	870	1
Harvested	820TV +	VE	112	188.8	13.7	0	32.7	860	2
Harvested	820THERM +	THE	118	187.7	13.3	0	33.1	858	4
Yield	820V THE +	THE	116	187.4	14.8	0	31.7	858	3
Rank	820V+VTOP +	VTOP	116	183.8	14.8	0	31.3	843	5
Rank	820V+VTOP +	VTOP	116	183.8	13.8	0	31.7	838	6
Rank	820V+VTOP +	VTOP	112	183.8	14.8	0	31.7	837	7
Rank	820V+VTOP +	VTOP	112	183.3	13.1	0	31.8	797	8
Harvested	820V +	VE	112	177.8	13.1	0	33.8	773	9
Yield	718-820THERM GC +	THE	116	177.5	13.1	0	31.9	748	10
Rank	820V+VTOP +	VTOP	112	177.4	13.1	0	31.7	711	11
Yield	820V-117 +	VE	112	162.1	16.1	0	32.8	707	12
Harvested	820V +	VE	112	159.3	13.3	0	32.3	693	13
Rank	820V+VTOP +	VTOP	112	158.8	12.1	0	32.8	678	14
Default	820V-117 +	VE	112	158.4	13.7	0	30.9	678	15
Rank	820V THE +	THE	108	148.1	13.8	0	32.2	631	16
Harvested	820V VTOP +	VTOP	114	143.1	13.8	0	29.8	622	17
Harvested	820V VTOP +	VTOP	108	142.8	13.1	0	32.8	622	18
Harvested	820V THE +	THE	108	138.7	12.3	0	33.0	603	19
Harvested	820V +	VE	118	138.1	15.2	0	31.9	600	20
Harvested	820V VTOP +	VTOP	108	113.8	12.4	0	31.9	488	21
Harvested	820V THE +	VTOP	112	113.8	14.1	0	30.9	488	22
Rank	820V+VTOP +	VTOP	116	112.8	13.8	0	30.1	488	23
Harvested	820V VTOP +	VTOP	112	81.9	14.3	0	30.4	388	24

REJECTED

<p><i>Melissa Nelson</i></p> <p>Melissa Nelson melissa.nelson@firstseedtests.com, (785) 851-0061</p>	Averages =	159.3	13.8		31.9	693
	LSD (0.10) =	39.7	0.5	ns		
	LSD (0.25) =	20.8	0.3	ns		
	C.V. =	27.3				Historic yield: new site
Yield & Income Factors:	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.04	Prices: GMO = \$4.35		

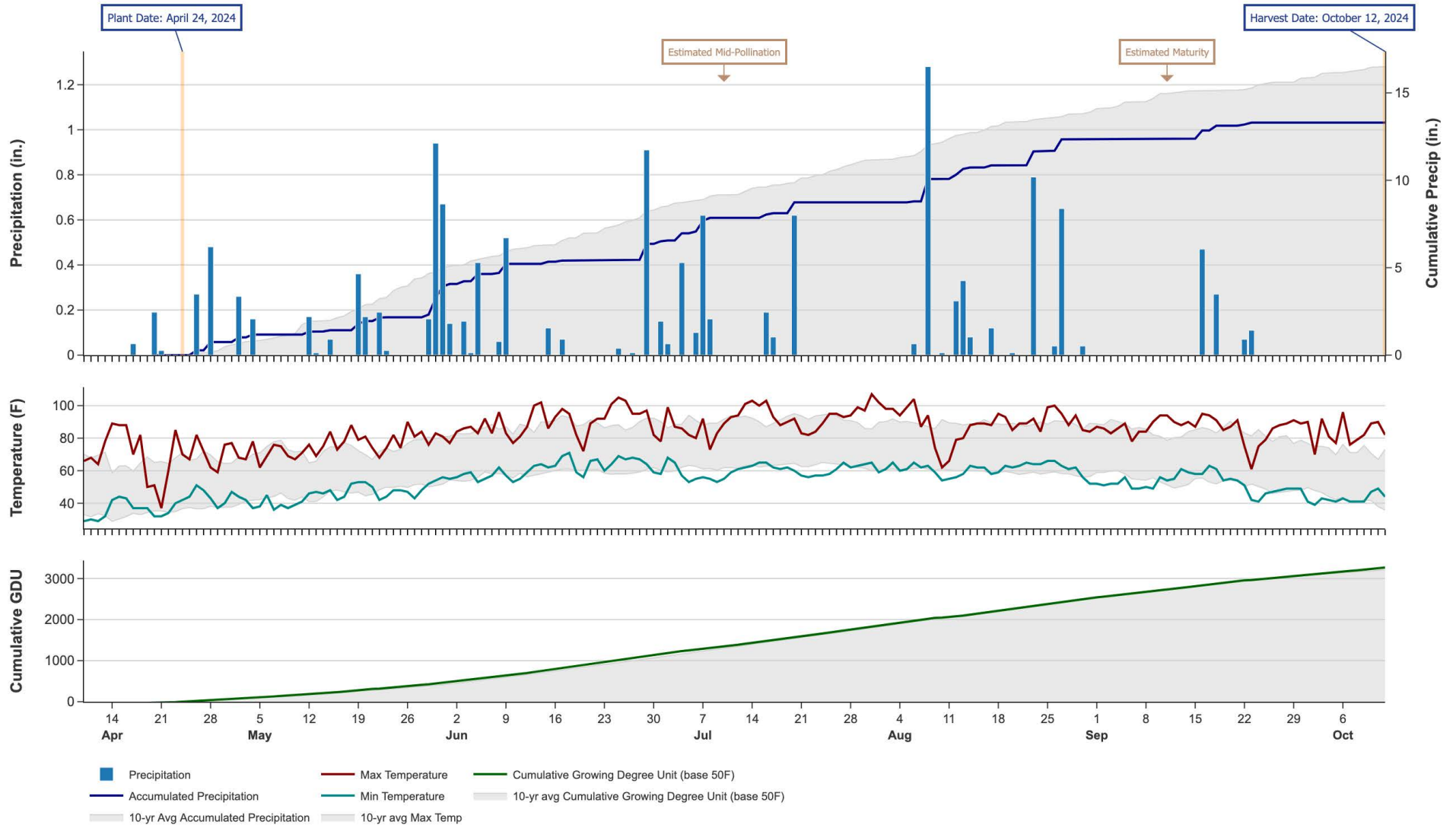
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

Weather Data Retrieved: 10/13/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.0 1.4 (-0.4)	3.2 4.5 (-1.4)	2.4 3.3 (-0.8)	2.4 2.9 (-0.5)	3.6 2.7 (+0.9)	0.9 1.9 (-1.0)	0.0 0.7 (-0.7)	13.6 17.4 (-3.8)
GDU Avg (Diff)	176 127 (+48)	406 362 (+43)	680 652 (+27)	692 750 (-58)	690 704 (-14)	556 549 (+6)	188 137 (+50)	3388 3284 (+103)



* 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.