

Test by: Effingham, IL

2023 Corn Grain Top 30 Harvest Report

Indiana South [INSO] RATCLIFF, KY
Billy & Jerry Sipes, Hardin County, KY

All-Season Test	108 - 116 Day CRM B2023INSO05
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup
SOIL DESCRIPTION:	Nolin silt loam, moderately drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, high K, 6.2 pH, 3.3% OM, 10.7 CEC
PEST MANAGEMENT:	Power Max 3, Rifle, Zidua, Halex Gt, Trivapro
FERTILITY - Applied N:	100 Spring, 75 Foliar Rescue
Applied N-P-K (units):	175-60-0
SEEDED - RATE - ROW:	May 23 33.0 /A 30" spacing
HARVESTED - STAND:	Oct 7 35.2 /A

TEST COMMENTS:

This no-till location was planted mid-May. Populations were excellent. Adequate rainfall resulted in great yields. Plant heights were taller than normal. Many hybrids eclipsed the height of the combine cab. Plant health was very good. Most hybrids had all their leaves still intact. There was no lodging in the trial. This was a very good location, and we are very pleased with the results.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	218-55TRERIB GC ↗	TRE	118	287.4	25.8	0	34.3	1247	1
Dyna-Gro	D56TC44RIB ↗	TRE	116	286.8	25.5	0	35.8	1247	2
NuTech	73A4AM ↗	AM	113	282.4	25.1	0	34.3	1230	3
FS InVision	FS 6595V RIB ↗	VT2P	115	278.8	26.0	0	33.6	1209	5
NK Brand	NK1480-DV ↗	DV	114	277.4	24.1	0	34.3	1216	4
Golden Harvest	G10B61-AA ↗	AA	110	274.5	25.1	0	35.8	1196	6
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	273.8	25.4	0	35.8	1191	8
FS InVision	FS 6627T RIB ↗	TRE	116	273.3	24.6	0	35.8	1194	7
Integra	6493 VT2PRIB ↗	VT2P	114	271.3	24.9	0	33.6	1184	9
Pioneer	P1718AML GC ↗	AML	117	268.0	27.8	0	35.1	1150	12
Augusta	A2264-PWE ↗	PCE	114	266.5	27.2	0	35.8	1148	14
AgriGold	A644-64VT2P GC ↗	VT2P	114	263.9	24.7	0	31.4	1153	10
NuTech	70B4AM ↗	AM	110	263.6	24.6	0	35.8	1152	11
Augusta	A1365-PWE ↗	PCE	115	262.8	26.4	0	35.1	1137	17
Golden Harvest	G12S75-D ↗	D	112	261.7	23.9	0	35.8	1149	13
Integra	6624 TRE ↗	TRE	116	260.2	23.8	0	35.8	1142	15
Channel	214-78DGVT2PRIB GC ↗	VT2PDG	114	259.7	24.1	0	35.1	1138	16
NuTech	74A9AM ↗	AM	114	259.7	27.7	0	35.8	1115	23
Wyckoff	2678 VT2P RIB ↗	VT2P	111	258.3	24.0	0	35.1	1133	18
Wyckoff	2733 VT2P RIB ↗	VT2P	114	258.2	25.7	0	34.3	1121	22
NK Brand	NK1040-AA ↗	AA	110	258.0	24.6	0	35.8	1127	21
Wyckoff	2632 SS RIB ↗	STX	108	257.9	23.6	0	35.8	1133	19
Wyckoff	2679 DGVT2P RIB ↗	VT2PDG	112	257.2	23.8	0	35.8	1129	20
DeKalb	DKC67-94RIB GC ↗	TRE	117	256.5	26.0	0	35.8	1112	24
Wyckoff	2711 VT2P RIB ↗	VT2P	112	254.9	25.8	0	35.8	1107	27
Integra	6342 TRERIB ↗	TRE	113	254.6	25.2	0	34.4	1109	25
Purple Ribbon	23A15 ↗	VT2P	115	254.5	26.7	0	35.1	1099	30
NK Brand	NK1333-AA ↗	AA	113	254.2	25.1	0	35.8	1108	26
FS InVision	FS 6432P RIB ↗	STXP	114	253.6	25.0	0	34.3	1105	28
Purple Ribbon	24A12 ↗	VT2P	112	249.2	22.6	0	35.8	1101	29

	Averages =	256.9	25.1	35.2	1120
Klint Tucker	LSD (0.10) =	20.1	1.2	ns	
klint@whatssmokin.net, (309) 712-1406	LSD (0.25) =	10.6	0.6	ns	
	C.V. =	8.6			Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.025 Prices: GMO = \$4.61

Report Date: 10/08/2023

† 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

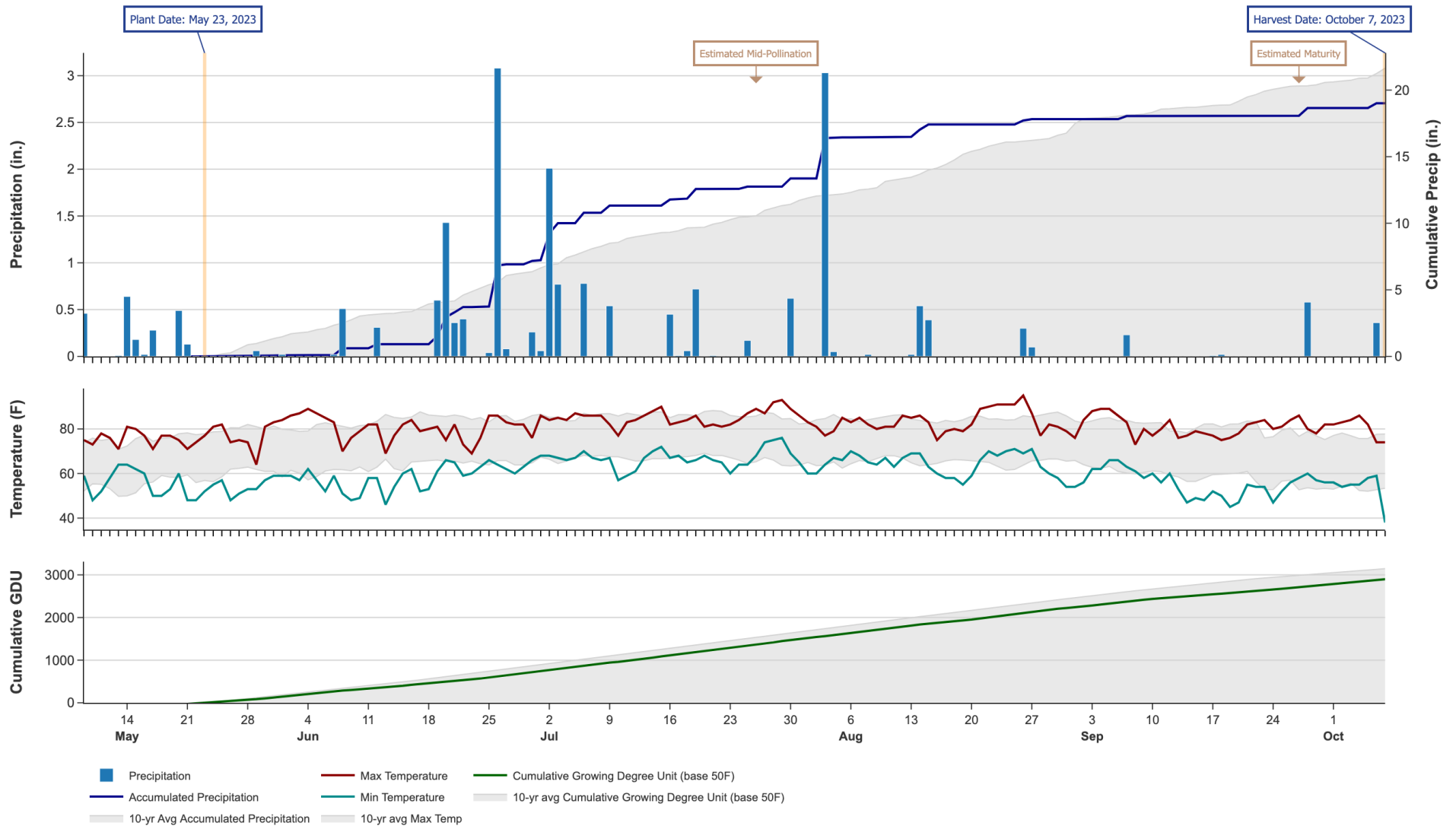
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2023 Corn - Indiana South [INSO]

Weather Conditions Summary at RATCLIFF, KY

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.3 3.9 (-1.6)	7.1 5.0 (+2.1)	6.2 5.3 (+0.9)	4.5 5.1 (-0.6)	0.8 3.8 (-3.0)	0.4 1.1 (-0.7)	21.2 24.2 (-2.9)
GDU Avg (Diff)	358 394 (-36)	582 700 (-118)	793 806 (-13)	722 770 (-48)	549 595 (-46)	126 106 (+19)	3130 3374 (-244)



* 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.

2023 Corn - Indiana South [INSO]

All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A644-64VT2P GC	VT2P	N	114	AC,P5V,EDC-B
AgriGold	A645-16VT2RIB GC	VT2P	Y	115	AC,P5V,EDC-B
AgriGold	A645-80-3110 GC	3110	U	115	AGM
Augusta	A1365-PWE	PCE	N	115	CM,C2
Augusta	A2164-PWE	PCE	N	114	CM,C2
Augusta	A2262-3110	3110	N	112	CM,C2
Augusta	A2264-PWE	PCE	N	114	CM,C2
Channel	211-11VT2PRIB GC	VT2P	Y*	111	AC,P5V,EDC-B
Channel	214-78DGV2PRIB GC	VT2PDG	Y	114	AC,P5V,EDC-B
Channel	218-55TRERIB GC	TRE	Y	118	AC,P5V,EDC-B
DeKalb	DKC63-57RIB GC	VT2P	Y	113	AC,P5V,EDC-EL
DeKalb	DKC65-95RIB GC	VT2P	Y	115	AC,P5V,EDC-EL
DeKalb	DKC67-94RIB GC	TRE	Y	117	AC,P5V,EDC-EL
Dyna-Gro	D53VC54RIB	VT2P	Y	113	AC,P5V
Dyna-Gro	D56TC44RIB	TRE	Y	116	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y*	113	AC,P5V,EDC-EL
FS InVision	FS 6432P RIB	STXP	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V,EDC-EL
FS InVision	FS 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,EDC-EL
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Golden Harvest	G12S75-D	D	Y	112	AVC,C1,Va
Golden Harvest	G16Q82-AA	AA	Y	116	CM,C5,Va
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,SU+Zn
Integra	6493 VT2PRIB	VT2P	Y*	114	AC,P5V,SU+Zn
Integra	6624 TRE	TRE	Y	116	AC,P5V
NK Brand	NK1040-AA	AA	Y	110	CM,C5,Va
NK Brand	NK1082-DV	DV	Y	110	AVC,C1,Va
NK Brand	NK1333-AA	AA	Y	113	CM,C5,Va
NK Brand	NK1480-DV	DV	Y	114	AVC,C1,Va
NuTech	68A7AM	AM	Y	108	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	72D4AM	AM	Y	112	Lum, L1
NuTech	73A4AM	AM	Y	113	Lum, L1
NuTech	74A9AM	AM	Y	114	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
NuTech	75C1AM	AM	Y	115	Lum, L1
Pioneer	P1359AM GC	AM	N*	113	Lum
Pioneer	P1511AM GC	AM	Y	115	Lum
Pioneer	P1718AML GC	AML	Y	117	Lum
Purple Ribbon	23A15	VT2P	Y	115	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Purple Ribbon	24A12	VT2P	Y	112	AC,P2
Wyckoff	2632 SS RIB	STX	Y	108	AC,P5V
Wyckoff	2678 VT2P RIB	VT2P	Y	111	AC,P2
Wyckoff	2679 DGV2P RIB	VT2PDG	Y	112	AC,P2
Wyckoff	2711 VT2P RIB	VT2P	Y	112	AC,P2
Wyckoff	2733 VT2P RIB	VT2P	Y	114	AC,P2

* 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

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
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®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®

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-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AGM	AgriShield Max
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250

* Seed treatments may include unspecified plant health promoting components.