

Test by: Effingham, IL

2023 Corn Grain Top 30 Harvest Report

Indiana South [INSO] MADISONVILLE, KY
Allen LeGrand, Franklin County, KY

All-Season Test	108 - 116 Day CRM B2023INSO04
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Anthem Maxx, Rifle, Xtendimax, Miravis
SOIL DESCRIPTION:	Robbs silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, high K, 6.0 pH, 2.7% OM, 8.9 CEC
PEST MANAGEMENT:	Roundup Power Max, Princep, Degree Xtra
FERTILITY - Applied N:	164 Spring
Applied N-P-K (units):	164-74-175
SEEDED - RATE - ROW:	Apr 14 35.0 /A 30" spacing
HARVESTED - STAND:	Sep 18 34.1 /A

TEST COMMENTS:

This conventional trial was planted mid-April in perfect conditions. Early season rains and warm ground temperatures, established a perfect stand. Timely rains throughout the summer resulted in above average yields. There was no lodging or noticeable foliar disease throughout. Plant heights were average to below average. Plant health was above average. Most hybrids were completely turned brown but still foliar intact. Cooperator stated that a mid-May heavy rain event and a week of below normal temperatures may have taken off the higher end yields from this location. Overall a very good, high management, corn trial with a great cooperator.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6595V RIB ↗	VT2P	115	282.0	20.1	1	35.8	1264	1
Wyckoff	2679 DGVT2P RIB ↗	VT2PDG	112	267.7	19.1	1	33.6	1206	2
Pioneer	P1718AML GC ↗	AML	117	264.1	21.0	1	34.3	1178	4
FS InVision	FS 6625V RIB ↗	VT2P	116	263.4	19.5	1	35.1	1184	3
Channel	211-11VT2PRIB GC ↗	VT2P	111	260.8	19.5	1	34.3	1173	5
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	259.9	18.8	1	32.8	1173	6
DeKalb	DKC67-94RIB GC ↗	TRE	117	257.4	20.4	1	35.1	1152	7
AgriGold	A644-64VT2P GC ↗	VT2P	114	254.4	20.7	1	33.6	1137	8
Integra	6493 VT2PRIB ↗	VT2P	114	253.3	20.7	1	34.3	1131	11
FS InVision	FS 6627T RIB ↗	TRE	116	252.5	19.6	1	35.8	1135	9
Dyna-Gro	D56TC44RIB ↗	TRE	116	251.8	19.2	1	34.3	1134	10
Wyckoff	2711 VT2P RIB ↗	VT2P	112	251.7	20.4	1	34.3	1126	14
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	251.6	21.2	1	35.1	1121	16
NuTech	73A4AM ↗	AM	113	250.9	19.4	1	31.4	1129	13
Wyckoff	2733 VT2P RIB ↗	VT2P	114	250.0	20.9	1	33.6	1116	18
Golden Harvest	G10B61-AA ↗	AA	110	249.9	19.4	1	34.3	1125	15
Wyckoff	2632 SS RIB ↗	STX	108	249.9	18.6	1	32.1	1130	12
NuTech	70B4AM ↗	AM	110	247.8	18.6	1	32.9	1120	17
DeKalb	DKC65-95RIB GC ↗	VT2P	115	247.7	19.3	1	32.9	1116	19
Channel	218-55TRERIB GC ↗	TRE	118	247.3	21.2	1	34.3	1102	21
Wyckoff	2678 VT2P RIB ↗	VT2P	111	245.4	19.7	1	32.9	1102	22
Integra	6342 TRERIB ↗	TRE	113	244.6	18.7	1	33.6	1105	20
Integra	6624 TRE ↗	TRE	116	244.6	20.5	1	32.1	1094	24
Purple Ribbon	24A12 ↗	VT2P	112	244.0	19.3	1	35.8	1099	23
NuTech	75C1AM ↗	AM	115	243.5	20.8	1	34.3	1087	25
FS InVision	FS 6432P RIB ↗	STXP	114	241.6	19.8	1	34.3	1085	26
Purple Ribbon	23A15 ↗	VT2P	115	241.3	21.5	1	35.1	1073	28
AgriGold	A645-80-3110 GC ↗	3110	115	240.3	20.1	1	33.6	1077	27
NK Brand	NK1480-DV ↗	DV	114	238.4	20.8	1	34.3	1064	30
Pioneer	P1359AM GC ↗	AM	113	237.9	19.4	1	35.8	1071	29



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Averages = **242.3** **19.8** **1** **34.1** **1088**

LSD (0.10) = 13.5 0.8 ns

LSD (0.25) = 7.1 0.4 ns

C.V. = 6.1

Historic yield: 245.92 bu/a, 2 yr(s)

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

Report Date: 09/19/2023

† 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

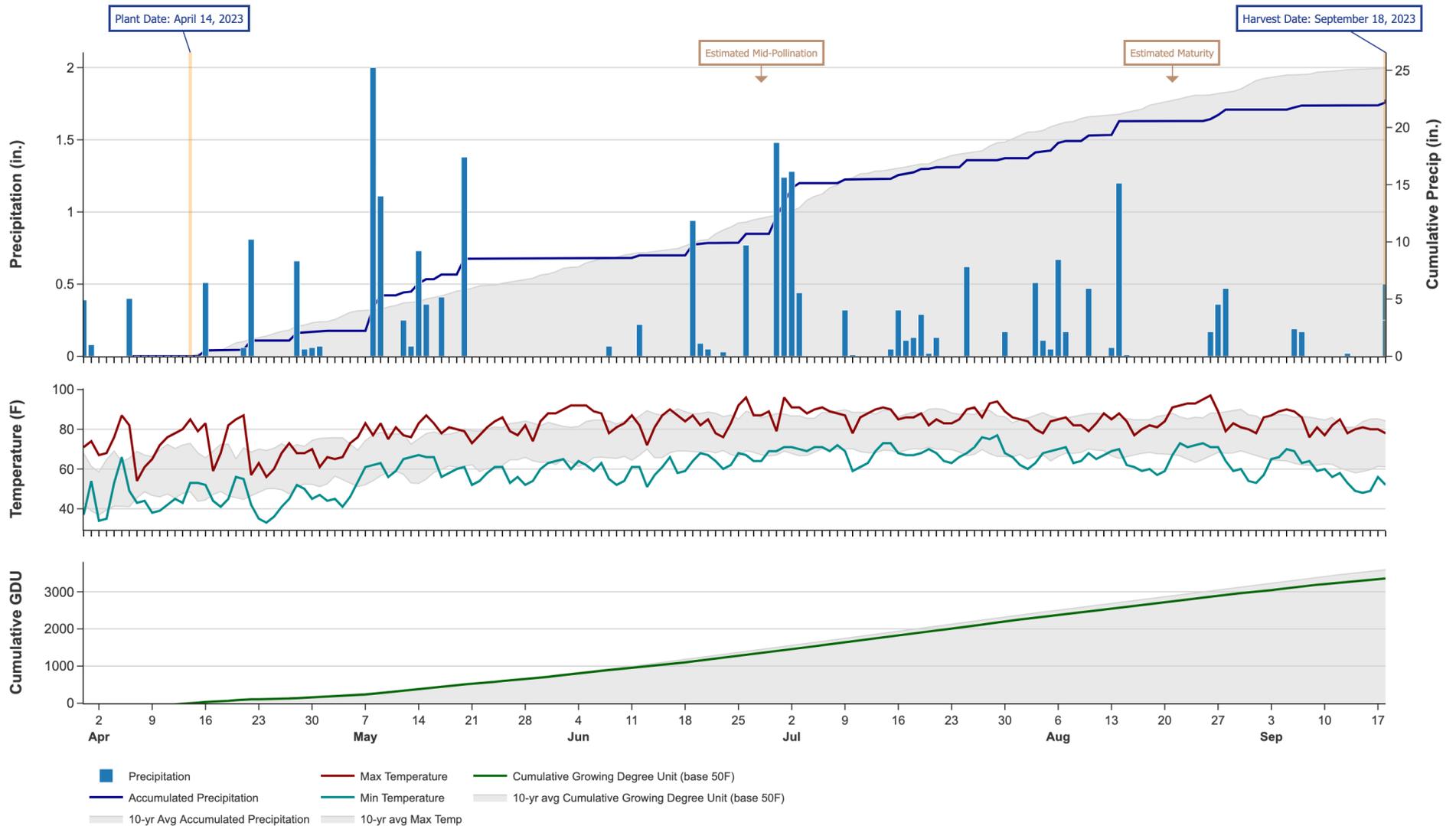
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2023 Corn - Indiana South [INSO]

Weather Conditions Summary at MADISONVILLE, KY

Monthly Total	Mar*	Apr	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	0.4 0.7 (-0.3)	2.6 5.2 (-2.6)	6.4 4.3 (+2.1)	3.6 5.1 (-1.5)	5.1 6.7 (-1.5)	4.2 4.8 (-0.5)	0.9 1.5 (-0.6)	23.3 28.2 (-4.9)
GDU Avg (Diff)	10 8 (+1)	330 281 (+48)	553 566 (-13)	682 772 (-90)	839 846 (-7)	750 819 (-69)	376 444 (-68)	3540 3740 (-200)



* 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	VT2P	N	114	AC,P5V,EDC-B
AgriGold	A645-16VT2RIB	VT2P	Y	115	AC,P5V,EDC-B
AgriGold	A645-80-3110	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	VT2P	Y*	111	AC,P5V,EDC-B
Channel	214-78DGV2PRIB	VT2PDG	Y	114	AC,P5V,EDC-B
Channel	218-55TRERIB	TRE	Y	118	AC,P5V,EDC-B
DeKalb	DKC63-57RIB	VT2P	Y	113	AC,P5V,EDC-EL
DeKalb	DKC65-95RIB	VT2P	Y	115	AC,P5V,EDC-EL
DeKalb	DKC67-94RIB	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	AVC,C5
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	AM	N*	113	Lum
Pioneer	P1511AM	AM	Y	115	Lum
Pioneer	P1718AML	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®
AVC,C5	Avicta® Complete 500
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.