

Test by: Effingham, IL

2023 Corn Grain Top 30 Harvest Report

Indiana South [INSO] CROTHERSVILLE, IN
Scott Teipen, Jackson County, IN

All-Season Test	108 - 116 Day CRM B2023INSO03
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Enlist, Volunteer, Parallel, Guardian
SOIL DESCRIPTION:	Dubois silt loam, moderately drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 6.1 pH, 3.0% OM, 12.9 CEC
PEST MANAGEMENT:	Glyphosate, 2,4-D, Anthem Maxx, Guardian, Explorer, Atrazine
FERTILITY - Applied N:	60 Spring, 90 Sidedress, 4 tons of chicken litter, fall applied
Applied N-P-K (units):	150-0-0
SEEDED - RATE - ROW:	Apr 19 34.5 /A 30" spacing
HARVESTED - STAND:	Sep 19 33.8 /A

TEST COMMENTS:

This no-till test was planted in very cool and dry conditions mid-April. Warm spring rains encouraged very consistent emergence. Season long rains resulted in above-average yields. Plant heights were average to slightly below average. Standability was perfect with no lodging anywhere in the trial. Weed control was excellent. Late season hybrids took advantage of the rain events and the dry September encouraged very consistent dry down, which was reflected in the moistures of all the hybrids. Great test with a great cooperator.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	74C4AM ↗	AM	114	268.4	19.5	1	32.9	1207	1
DeKalb	DKC65-95RIB GC ↗	VT2P	115	265.7	20.1	1	34.8	1191	2
NuTech	74A9AM ↗	AM	114	258.7	19.7	1	33.8	1162	3
Channel	218-55TRERIB GC ↗	TRE	118	257.4	21.3	1	30.9	1146	4
Augusta	A2264-PWE ↗	PCE	114	248.4	20.7	1	32.9	1110	8
NuTech	68A7AM ↗	AM	108	248.3	18.4	1	35.8	1124	5
Wyckoff	2711 VT2P RIB ↗	VT2P	112	247.2	21.2	1	35.8	1101	10
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	247.0	18.3	1	34.3	1118	6
FS InVision	FS 6595V RIB ↗	VT2P	115	246.0	19.9	1	32.1	1104	9
NuTech	72D4AM ↗	AM	112	245.3	18.0	1	35.8	1112	7
Purple Ribbon	23A15 ↗	VT2P	115	244.6	20.5	1	28.4	1094	12
NuTech	75C1AM ↗	AM	115	243.5	19.9	1	33.6	1093	13
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	242.7	19.8	1	34.3	1090	14
FS InVision	FS 6627T RIB ↗	TRE	116	242.1	20.2	1	35.8	1084	15
Wyckoff	2632 SS RIB ↗	STX	108	242.0	17.6	1	35.1	1099	11
Pioneer	P1718AML GC ↗	AML	117	240.7	21.8	1	35.8	1069	18
NK Brand	NK1040-AA ↗	AA	110	239.4	19.6	1	34.8	1076	17
Integra	6624 TRE ↗	TRE	116	239.2	19.1	1	32.1	1078	16
Golden Harvest	G11V76-AA ↗	AA	111	237.1	19.6	1	34.3	1066	19
Augusta	A1365-PWE ↗	PCE	115	236.6	20.2	1	32.8	1060	20
Wyckoff	2679 DGV2P RIB ↗	VT2PDG	112	231.3	17.5	1	32.1	1052	21
NK Brand	NK1480-DV ↗	DV	114	231.0	19.6	1	32.1	1038	25
Golden Harvest	G10B61-AA ↗	AA	110	230.8	19.4	1	32.9	1039	24
Pioneer	P1511AM GC ↗	AM	115	230.8	19.9	1	33.6	1036	27
Augusta	A2262-3110 ↗	3110	112	230.6	18.5	1	34.3	1043	22
FS InVision	FS 6432P RIB ↗	STXP	114	229.8	18.4	1	34.3	1040	23
DeKalb	DKC63-57RIB GC ↗	VT2P	113	229.0	18.0	1	34.3	1038	26
DeKalb	DKC67-94RIB GC ↗	TRE	117	228.5	18.6	1	34.3	1033	30
Integra	6342 TRERIB ↗	TRE	113	226.6	16.5	1	35.1	1036	28
FS InVision	FS 6306T RIB ↗	TRE	113	226.4	16.4	1	35.8	1036	29

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Averages = **234.5** **19.1** **1** **33.8** **1060**

LSD (0.10) = 14.1 1.0 ns

LSD (0.25) = 7.4 0.5 ns

C.V. = 6.6

Historic yield: 232.31 bu/a, 2 yr(s)

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

Report Date: 09/20/2023

† 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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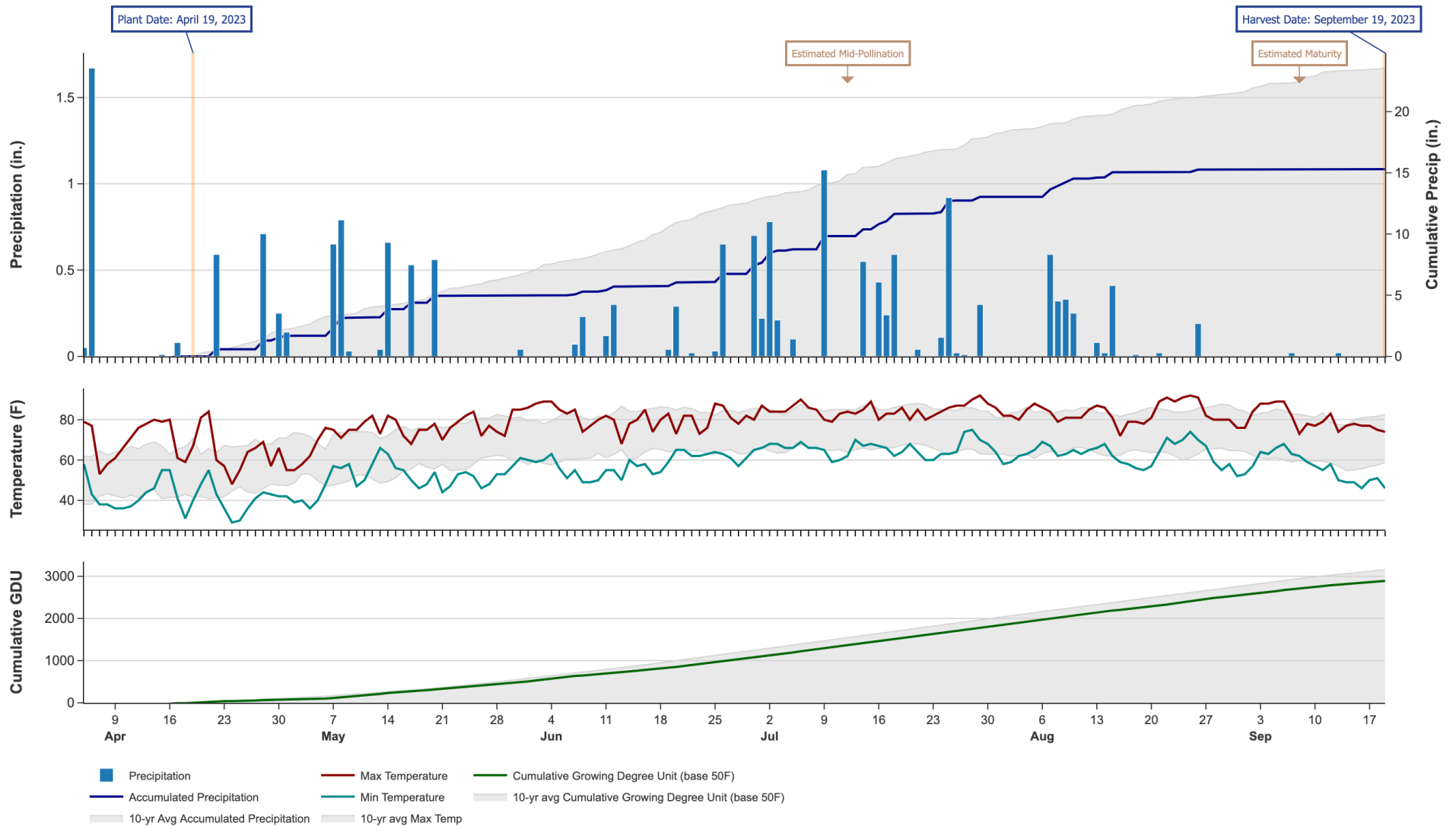
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2023 Corn - Indiana South [INSO]

Weather Conditions Summary at CROTHERSVILLE, IN

Weather Data Retrieved: 09/20/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	3.4 4.1 (-0.7)	3.4 4.5 (-1.1)	2.5 6.1 (-3.6)	5.6 5.4 (+0.2)	2.2 3.3 (-1.1)	0.0 2.0 (-2.0)	17.1 25.5 (-8.4)
GDU Avg (Diff)	217 197 (+19)	409 465 (-56)	580 685 (-105)	772 781 (-9)	699 743 (-44)	354 408 (-54)	3031 3282 (-251)



* 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.