

2014 Corn Grain Top 30 Harvest Report

Indiana South [INSO] FOLSOMVILLE
 JR & BJ Roesner, Roesner Farms, Warrick County, IN 47541



Test by: F.I.R.S.T. NECB, Inc., Chadwick, IL

PREV. CROP/HERB: Corn, 2+ yr / Halex GT
 SOIL DESCRIPTION: Silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 2.3% OM
 PEST MANAGEMENT: Lexar, Roundup, Force
 FERTILITY - Applied N: 70 Fall, 120 Spring, 9 Planter
 Applied N-P-K (units): 199-vrt-vrt
 SEEDED - RATE - ROW: May 24 36,200 /A 30" spacing
 HARVESTED - STAND: Nov 7 34,500 /A

Early-Season Test
107 - 112 Day CRM
 B2014INSO15a

Top 30 of 36
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D50VC43	VT2P	AC,P5V	110	229.6	16.7	2	34.9	794	1
Stewart	8E623RIB	VT2P,B	AC,P5V	112	226.3	16.7	1	35.5	782	2
Superior	S8484SSTX	STX	AC,P5V	112	219.8	16.9	2	33.5	759	3
<i>Seed Consultants</i>	<i>SC 11AQ15</i>	<i>3000GT</i>	<i>MQ,C5</i>	<i>112</i>	<i>214.9</i>	<i>18.1</i>	<i>1</i>	<i>34.2</i>	<i>735</i>	<i>5</i>
Steyer	11208VT2PRIB	VT2P,B	CM,C2	112	212.7	16.4	2	34.9	737	4
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111	212.0	16.3	3	35.5	735	6
Stewart	7E833RIB	VT2P,B	AC,P5V	111	209.5	16.1	1	34.2	727	7
Stewart	7E743RIB	VT2P,B	AC,P5V	110	207.2	16.1	3	35.5	720	8
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	204.6	17.5	1	34.2	703	9
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	201.2	16.9	1	33.5	695	10
Partners Brand	PB 8242VIP3111	3111	CM,C2	112	201.0	16.7	1	34.9	695	11
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	199.5	16.2	1	34.2	692	12
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	199.2	16.9	1	33.5	688	13
Channel	210-95STXRIB	STX,B	AC,P5V	110	195.3	16.2	4	34.2	678	15
Steyer	11004VT2PRIB	VT2P,B	CM,C2	110	194.3	15.0	2	34.9	680	14
Augusta	A5658GT3000	3000GT	CM,C2	108	188.9	14.8	2	34.2	661	16
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	188.4	16.2	1	34.2	654	20
Channel	209-53STXRIB	STX,B	AC,P5V	109	187.7	15.3	1	34.9	656	18
Seed Consultants	SCS 1094AM-R^	AM-R,AQ,B	MQ,C2	109	187.5	15.0	2	34.9	656	19
Golden Harvest	G07F23-3111	3111	AVC,C5	107	186.3	15.0	6	35.5	652	21
Superior	S8450STXRIB	STX,B	AC,P2	111	185.4	16.3	2	34.9	643	22
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	184.1	16.2	2	34.9	639	23
Mycogen	2V709	STX,B	CM,C2	110	179.3	15.3	3	34.2	626	24
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V	109	178.9	15.3	1	34.2	625	25
Steyer	11103VT2PRIB	VT2P,B	CM,C2	111	178.9	16.7	1	34.2	619	27
Golden Harvest	G10S30-3110	3110	AVC,C5	110	177.7	15.1	9	34.2	622	26
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110	177.6	16.0	1	33.5	617	28
Beck	XL 6175AMX^	AMX,B	Es,P1V	112	177.5	16.9	1	34.2	613	29
Superior	S8404VT3P	VT3P	AC,P2	110	177.3	16.6	2	34.9	613	30
Partners Brand	PB 7962VT2P	VT2P	CM,C2	109	173.8	15.4	2	33.5	607	31
Superior	S8534GT3000 CK	3000GT	CM,C2	114	191.1	17.0	6	34.9	659	17
Test Average =					191.2	16.0	3	34.5	664	
LSD (0.10) =					29.6	0.6	6			
LSD (0.25) =					20.6	0.4	4			
C.V. =					11.4	2.9				

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Yield & Income Factors:	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.025	Price = $\frac{\$3.50}{\$3.50}$	Local GMO
					non-GMO

Test Comments: *Wet spring conditions delayed test planting date 3 weeks behind the rest of field. Seedling emergence was good with some loss. On July 2, the crop was a nice, uniform, good looking crop. Some flea beetle feeding and no disease observed on V9 to V10 corn. August was wet and foggy, conducive for disease. Diseases observed include gray leaf spot, anthracnose, Stewart's wilt and crown rot.*

† 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

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 SOIL DESCRIPTION: Silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 2.3% OM
 PEST MANAGEMENT: Lexar, Roundup, Force
 FERTILITY - Applied N: 70 Fall, 120 Spring, 9 Planter
 Applied N-P-K (units): 199-vrt-vrt
 SEEDED - RATE - ROW: May 24 36,200 /A 30" spacing
 HARVESTED - STAND: Nov 7 34,100 /A

Full-Season Test
113 - 116 Day CRM
 B2014INSO15b

Top 30 of 45
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stewart	8A305RIB	STX,B	AC,P5V	113	232.1	16.6	3	34.8	803	1
NuTech/G2 Gen	5H-216^	HX,RR2	MQ,P5V	116	229.8	17.2	8	34.2	792	2
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	228.8	16.5	10	34.2	792	3
Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114	222.3	16.0	2	34.2	772	4
Superior	S8484SSTX	STX	AC,P5V	112	221.0	16.7	5	32.8	764	5
Dyna-Gro	D56VC46	VT2P	AC,P5V	116	217.3	16.4	3	34.8	753	6
AgriGold	A6499STXRIB GC	STX,B	AC,P5V	112	216.8	16.4	13	33.5	751	7
Superior	S8544VT2PRIB	VT2P,B	AC,P2	115	215.7	17.5	4	34.8	741	10
Stewart	8E663RIB	VT2P,B	AC,P5V	113	213.9	16.1	2	34.2	743	9
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	213.1	16.1	3	32.8	740	11
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	212.5	16.6	8	34.2	735	12
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115	210.8	16.2	3	35.5	731	13
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	210.3	17.0	1	34.8	726	14
Channel	213-59STXRIB	STX,B	AC,P5V	113	209.5	16.8	5	34.2	724	15
Mycogen	2V779	STX,B	CM,C2	113	207.2	17.4	1	35.5	713	16
Seed Consultants	SC 11AQ35	3000GT	MQ,C2	113	205.7	17.8	3	33.5	706	17
Partners Brand	PB 8641-3000GT GC	3000GT	CM,C2	116	203.2	17.2	2	32.8	700	19
Augusta	A4564GENSS	STX	AC,P5V	114	202.7	16.6	4	33.5	701	18
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	200.9	17.8	6	33.5	689	20
Beck	XL 6365AMX^	AMX,B	Es,P1V	113	197.8	16.8	7	34.8	683	23
Steyer	11304VT2PRIB	VT2P,B	CM,C2	113	197.6	16.8	3	35.5	683	24
Pioneer	P1339AM1	AM1,B	MQ,P1V	113	197.5	16.5	3	33.5	684	21
Seed Consultants	SCS 1131AM-R^	AM-R,B	MQ,C2	113	197.1	16.4	4	34.8	683	25
Superior	S8514VT3P	VT3P	AC,P2	113	196.3	15.6	3	33.5	684	22
Augusta	A5565VT2Pro	VT2P	CM,C1	115	195.7	16.4	4	33.5	678	26
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116	193.7	16.8	2	34.8	669	29
Beck	XL 6626AM^	AM,B	Es,P1V	114	193.4	15.9	3	33.5	673	27
Channel	215-83STXRIB	STX,B	AC,P5V	115	193.1	15.8	13	34.2	672	28
Mycogen	2Y767	STX,B	CM,C2	114	192.5	16.5	1	32.2	667	30
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114	191.1	16.4	3	34.8	662	31
Superior	S8534GT3000 CK	3000GT	CM,C2	114	215.7	16.2	4	33.5	748	8

Test Average = **199.4** 16.4 5 34.1 691

LSD (0.10) = 27.2 1.4 10

LSD (0.25) = 19.0 1.0 7

C.V. = 10.1 6.3

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Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A4658GT3110	3110	CM,C5	108					
Augusta	A5658GT3000	3000GT	CM,C2	108					
Beck	XL 5828AM^	AM,AQ,B	Es,P1V	110					
Beck	XL 6175AMX^	AMX,B	Es,P1V	112					
Channel	209-53STXRIB	STX,B	AC,P5V	109					
Channel	210-95STXRIB	STX,B	AC,P5V	110					
Dyna-Gro	D50VC43	VT2P	AC,P5V	110					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V	109					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
Golden Harvest	G07F23-3111	3111	AVC,C5	107					
Golden Harvest	G10S30-3110	3110	AVC,C5	110					
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110					
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	2V717	STX,B	CM,C2	111					
Partners Brand	PB 7841VIP3111	3111	CM,C2	108					
Partners Brand	PB 7962VT2P	VT2P	CM,C2	109					
Partners Brand	PB 8242VIP3111	3111	CM,C2	112					
Pioneer	P0993AM1	AM1,B	MQ,P1V	109					
Seed Consultants	SC 11AQ15	3000GT	MQ,C5	112					
Seed Consultants	SCS 1094AM-R^	AM-R,AQ,B	MQ,C2	109					
Stewart	7E743RIB	VT2P,B	AC,P5V	110					
Stewart	7E833RIB	VT2P,B	AC,P5V	111					
Stewart	8E623RIB	VT2P,B	AC,P5V	112					
Steyer	11004VT2PRIB	VT2P,B	CM,C2	110					
Steyer	11103VT2PRIB	VT2P,B	CM,C2	111					
Steyer	11208VT2PRIB	VT2P,B	CM,C2	112					
Superior	S8404VT3P	VT3P	AC,P2	110					
Superior	S8450SSTXRIB	STX,B	AC,P2	111					
Superior	S8458SSTX	STX	AC,P5V	112					
Superior	S8484SSTX	STX	AC,P5V	112					
Superior	S8534GT3000 CK	3000GT	CM,C2	114					

2014 Corn Grain - Indiana South [INSO]



Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6499STXRIB GC	STX,B	AC,P5V	112					
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113					
Augusta	A4564GENSS	STX	AC,P5V	114					
Augusta	A5565VT2Pro	VT2P	CM,C1	115					
Beck	XL 6365AMX^	AMX,B	Es,P1V	113					
Beck	XL 6626AM^	AM,B	Es,P1V	114					
Channel	213-59STXRIB	STX,B	AC,P5V	113					
Channel	215-83STXRIB	STX,B	AC,P5V	115					
Dyna-Gro	D55VP77	VT3P	AC,P5V	115					
Dyna-Gro	D56VC46	VT2P	AC,P5V	116					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114					
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116					
Golden Harvest	G12J11-3011A GC	3011A	AVC,C5	112					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114					
Mycogen	2C788	STX,B	CM,C2	114					
Mycogen	2J794	HX,RR2	CM,C2	115					
Mycogen	2V779	STX,B	CM,C2	113					
Mycogen	2Y767	STX,B	CM,C2	114					
NK Brand	N78S-3111 GC	3111	AVC,C5	116					
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115					
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114					
NuTech/G2 Gen	5H-216^	HX,RR2	MQ,P5V	116					
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113					
Partners Brand	PB 8333-3000GT	3000GT	CM,C2	113					
Partners Brand	PB 8641-3000GT GC	3000GT	CM,C2	116					
Pioneer	P1339AM1	AM1,B	MQ,P1V	113					
Seed Consultants	SC 11AGT43	GT/CB/LL	MQ,P1V	114					
Seed Consultants	SC 11AQ35	3000GT	MQ,C2	113					
Seed Consultants	SCS 1131AM-R^	AM-R,B	MQ,C2	113					
Stewart	8A305RIB	STX,B	AC,P5V	113					
Stewart	8A560RIB	STX,B	AC,P5V	114					
Stewart	8E663RIB	VT2P,B	AC,P5V	113					
Stewart	8E753RIB	VT2P,B	AC,P5V	114					
Steyer	11304VT2PRIB	VT2P,B	CM,C2	113					
Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114					
Steyer	11504VT2PR0 RIB	VT2P,B	CM,C2	115					
Stine	R9739VT3Pro GC	VT3P,B	AC,P2	114					
Superior	S8484SSTX	STX	AC,P5V	112					
Superior	S8502VT3PRIB	VT3P,B	AC,P2	112					
Superior	S8514VT3P	VT3P	AC,P2	113					
Superior	S8534GT3000 CK	3000GT	CM,C2	114					
Superior	S8544VT2PRIB	VT2P,B	AC,P2	115					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

** Seed treatments may include unspecified plant health promoting components.