

2015 Corn Grain Top 30 Harvest Report

Iowa North Central [IANC] OSAGE
Dale Hemann, Mitchell County, IA 50461



Test by: North Iowa F.I.R.S.T., Inc, Sanborn, IA

PREV. CROP/HERB: Soybean / Optill PRO, Roundup
SOIL DESCRIPTION: Dinsdale silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: High P, high K, 6.9 pH, 4.3% OM
PEST MANAGEMENT: Corvus, Force
FERTILITY - Applied N: 11 Fall, 150 Sidedress
Applied N-P-K (units): 161-35-50
SEEDED - RATE - ROW: May 9 34,900 /A 30" spacing
HARVESTED - STAND: Oct 24 34,200 /A

Early-Season Test
101 - 106 Day CRM
B2015IANC03a

Top 30 of 72

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dekalb	DKC54-38RIB GC	STX,B	104	237.2	16.0	4	35.2	821	1
Latham	LH5509SSRIB	STX,B	105	229.0	18.4	4	33.9	772	2
Federal	5550SSTXRIB	STX,B	105	225.2	17.9	4	33.2	764	5
Kruger	K4R-9305	STX,B	105	223.7	17.1	4	33.9	765	4
Wyffels	W4796RIB	VT2P,B	106	223.4	16.2	30	33.9	772	3
Beck	XL 5665^	OIX	106	219.8	16.5	6	32.5	757	7
Dyna-Gro	D43SS50	STX	103	218.1	15.7	10	34.5	758	6
Latham	LH5659SSRIB	STX,B	106	215.2	15.5	8	35.2	749	8
LG Seeds	LG5523STXRIB	STX,B	105	213.0	17.1	4	36.5	729	12
Rob-See-Co	Innotech IC5460^	3000GT	104	212.4	15.0	65	35.8	743	9
Channel	205-19STXRIB	STX,B	105	210.8	15.0	4	35.2	738	10
Renk	RK712SSTX	STX,B	106	209.6	15.1	12	33.2	733	11
Dyna-Gro	D42SS42	STX	102	209.3	16.3	4	36.5	722	17
NuTech/G2 Gen	5Z-906^	OI	106	208.4	16.7	15	33.9	716	24
FS InVISION	FS 54ZX1 RIB	STX,B	104	208.2	15.4	6	33.9	726	15
Champion	CSX56A13VT2Pro	VT2P	106	208.1	14.9	12	35.8	728	13
Dekalb	DKC55-20RIB GC	STX,B	105	207.7	14.5	12	35.2	727	14
Kruger	K4R-9901	STX,B	101	207.4	14.5	6	35.2	726	16
Jacobsen Seed	JS7279VT2PRO	VT2P	103	206.5	15.3	4	33.9	720	20
Wyffels	W2276RIB	VT2P,B	100	206.2	14.6	15	33.2	722	18
LG Seeds	LG5507STX	STX	103	206.0	14.9	15	35.8	721	19
NuTech/G2 Gen	5Z-504^	OI	104	205.6	15.2	22	35.2	718	21
Curry	XC-1506	OI	106	205.5	16.5	8	31.9	708	28
LG Seeds	LG5499STXRIB	STX,B	100	205.2	14.9	8	36.5	718	22
Wyffels	W2308RIB	STX,B	100	204.9	14.4	6	34.5	717	23
Viking	D52-05RL	STX,B	105	204.6	15.4	8	31.9	713	26
FS InVISION	FS 52ZX1 RIB	STX,B	102	204.5	15.0	4	33.9	716	25
Cornelius	C449DP	VT2P	105	203.8	15.5	4	33.2	709	27
Renk	RK680SSTX	STX	101	202.2	15.1	4	33.2	707	29
Titan Pro	2M04-2P	VT2P,B	104	201.8	14.9	6	33.2	706	30
Pioneer	P0591AMX CK	AMX,B	105	169.9	14.8	39	33.9	595	70
Averages =				198.0	15.3	12	34.2	689	
LSD (0.10) =				13.0	0.8	16			
LSD (0.25) =				9.1	0.5	11			
C.V. =				4.9	3.7				

Corey Rozenboom

Corey Rozenboom

corey.rozenboom@firstseedtests.com, (319) 830-8886

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.5 Drying = \$0.038 Prices: GMO = \$3.50; non-GMO = \$3.50

Test Comments: Cooler temperatures after planting delayed emergence. The growing season was slightly drier than 30-yr average until July 27-28 when the site received 3.2" rain. Temperatures were normal through mid-August when temps fell below average. The combination of large ears, stalk deterioration, and strong winds resulted in moderate lodging. Harvest ear loss was minimal and yields were very good.

† 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: Dinsdale silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: High P, high K, 6.9 pH, 4.3% OM
PEST MANAGEMENT: Corvus, Force
FERTILITY - Applied N: 11 Fall, 150 Sidedress
Applied N-P-K (units): 161-35-50
SEEDING - RATE - ROW: May 9 34,900 /A 30" spacing
HARVESTED - STAND: Oct 24 33,900 /A

Full-Season Test
107 - 110 Day CRM
B2015IANC03b

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	209-53STXRIB	STX,B	109	245.0	18.0	4	35.2	830	1
Channel	207-27STXRIB	STX,B	107	242.6	19.3	4	32.5	810	2
Cornelius	C621SS	STX	110	235.0	17.4	4	33.2	801	3
LG Seeds	LG5565STXRIB	STX,B	108	234.7	17.7	4	33.9	798	4
Prairie Brand	5825RA	STX,B	108	228.5	18.5	4	33.9	770	5
Pfister	X12546S2R4	STX,B	107	228.3	18.7	8	35.2	767	7
Champion	CSX59A16SSRIB	STX,B	109	222.7	18.6	13	35.2	749	12
Wyffels	W5448RIB	STX,B	108	221.8	18.3	6	31.2	749	13
Curry	727-33AM	AM,AQ,B	107	221.3	15.6	8	32.5	770	6
Kruger	K4R-9708	STX,B	108	220.5	16.4	8	33.9	760	8
Renk	RK810SSTX	STX	109	219.0	18.8	17	35.2	735	19
Dekalb	DKC60-67RIB GC	STX,B	110	218.7	17.7	8	33.9	743	14
Kruger	K4R-9511	STX,B	111	218.6	17.7	15	33.2	743	15
Curry	729-96AM	AM,B	109	218.1	16.5	4	35.2	751	9
Champion	CSX59B14	none	109	216.5	15.9	4	35.8	750	10
Titan Pro	TP 40-09	None	109	215.6	15.6	19	31.9	750	11
Beck	XL 5828AMX^	AMX,AQ,B	110	215.5	16.9	8	34.5	739	16
Cornelius	C576SS	STX	108	215.3	18.4	4	33.9	726	22
Renk	RK776SSTX	STX,B	107	214.2	17.7	4	33.9	728	20
NuTech	5N-607	3000GT	107	213.9	16.4	15	33.2	737	18
Viking	49-09N	None	109	213.3	15.9	12	35.2	739	17
NuTech/G2 Gen	5Z-308^	OI	108	212.8	17.1	10	35.2	728	21
Dyna-Gro	D48SS38	STX	108	212.8	17.9	4	35.2	722	23
Titan Pro	TP 59-08 SS	STX	108	211.9	18.6	10	32.5	713	28
Steyer	11005GENSSRIB	STX,B	110	211.2	18.0	22	34.5	715	26
Steyer	11004GENSS RIB	STX,B	110	207.1	16.5	8	34.5	713	29
Pioneer	P0969AMXT GC	AMXT,B	109	207.0	15.8	8	35.2	718	24
Wyffels	W4968RIB	STX,B	107	205.7	15.4	19	33.2	717	25
Latham	LH5715VT2ProRIB	VT2P,B	107	205.7	15.7	4	34.5	715	27
Beck	5852	3111	108	205.2	15.8	12	34.5	712	30
Pioneer	P0591AMX CK	AMX,B	105	172.5	14.7	15	35.2	604	61
Averages =				203.4	16.9	19	33.9	697	
LSD (0.10) =				13.1	1.2	21			
LSD (0.25) =				9.1	0.8	15			
C.V. =				4.8	5.0				

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Early-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Beck	5162A3	3011,A	Es,P1V	101	Pfister	2447RA	STX,B	CM,C5,Vi,In	106
Beck	XL 5665^	OIX	Es,P1V	106	Pfister	65B1	STX	CM,C5,Vi,In	105
Champion	CSX53A15SSRIB	STX,B	CM,C2	103	Pioneer	P0193AMX GC	AMX,B	MQ,C2	101
Champion	CSX54A15VT2ProRIB	VT2P,B	CM,C2	104	Pioneer	P0448AM1 GC	AM1,B	MQ,C2	104
Champion	CSX56A13VT2Pro	VT2P	CM,C2	106	Pioneer	P0591AMX CK	AMX,B	MQ,C2	105
Champion	CSX56A15	none	CM,C2	106	Prairie Brand	5236SX	STX	CM,C5,Vi,In	102
Channel	205-19STXRIB	STX,B	AC,P5V	105	Prairie Brand	5385SX	STX	CM,C5,Vi,In	103
Cornelius	C380SS	STX	AC,P5V	104	Prairie Brand	5646SX	STX	CM,C5,Vi,In	106
Cornelius	C449DP	VT2P	AC,P2	105	Renk	RK666SSTX	STX,B	AC,P5V	102
Cornelius	C457SS	STX	AC,P5V	105	Renk	RK680SSTX	STX	AC,P5V	101
Curry	XC-1501CYXR	OIXT	MQ,P1V,R	101	Renk	RK699SSTX	STX,B	AC,P5V	105
Curry	XC-1506	OI	MQ,P1V,R	106	Renk	RK712SSTX	STX,B	AC,P5V	106
Dekalb	DKC52-84RIB GC	STX,B	AC,P5V	102	Rob-See-Co	Innotech IC5112^	3011A	CM,C2	101
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104	Rob-See-Co	Innotech IC5460^	3000GT	CM,C2	104
Dekalb	DKC55-20RIB GC	STX,B	AC,P5V	105	Steyer	10102GENSSRIB	STX,B	CM,C2	101
Dyna-Gro	D42SS42	STX	AC,P5V	102	Steyer	10503GENSSRIB	STX,B	CM,C2	105
Dyna-Gro	D43SS50	STX	AC,P5V	103	Titan Pro	2M04-2P	VT2P,B	AC,P2	104
Epley	E1310	None	MQ	103	Titan Pro	TP 31-01 3011A	3011A	AVC,C5	101
Epley	E1410	None	MQ	104	Titan Pro	TP 40-03	None	CM,C2	103
Epley	E1610	None	MQ	106	Titan Pro	TP 53-03 2P	VT2P	AC,P2	103
Federal	5250SSTAXRIB	STX,B	AC,P5V	102	Viking	30-06N	None	CM,C2	106
Federal	5550SSTAXRIB	STX,B	AC,P5V	105	Viking	72-04N	None	CM,C2	104
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	Viking	D52-05RL	STX,B	AC,P5V	105
FS InVISION	FS 52ZX1 RIB	STX,B	AC,P5V	102	Wyffels	W2276RIB	VT2P,B	AC,P5V	100
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104	Wyffels	W2308RIB	STX,B	AC,P5V	100
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106	Wyffels	W3358RIB	STX,B	AC,P5V	103
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	Wyffels	W4796RIB	VT2P,B	AC,P2	106
Great Lakes	5470STXRIB	STX,B	AC,P5V	104					
Jacobsen Seed	JS7279VT2PRO	VT2P	AC,P5V	103					
Kruger	K4R-9304	STX,B	AC,P5V	105					
Kruger	K4R-9305	STX,B	AC,P5V	105					
Kruger	K4R-9406	STX,B	AC,P5V	106					
Kruger	K4R-9901	STX,B	AC,P5V	101					
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102					
Latham	LH5259SSRIB	STX,B	AC,P5V	102					
Latham	LH5509SSRIB	STX,B	AC,P5V	105					
Latham	LH5659SSRIB	STX,B	AC,P5V	106					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5507STX	STX	AC,P5V	103					
LG Seeds	LG5523STXRIB	STX,B	AC,P5V	105					
NuTech/G2 Gen	5F-002^	AM,B	MQ,P5V	102					
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106					
NuTech/G2 Gen	5Z-504^	OI	MQ,P1V	104					
NuTech/G2 Gen	5Z-906^	OI	MQ,P1V	106					
Pfister	2385	HXT,RR2	CM,C5,Vi,In	104					

2015 Corn Grain - Iowa North Central [IANC]



Full-Season Test Products (66 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Beck	5852	3111	Es,P1V	108	Pioneer	P0987AMX GC	AMX,B	MQ,C2	109
Beck	XL 5828AMX^	AMX,AQ,B	Es,P1V	110	Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	107
Beck	XL 5939AMXT^	AMXT,B	Es,P1V	109	Prairie Brand	5825RA	STX,B	CM,C5,Vi,In	108
Champion	CSX57A16VT2Pro	VT2P	CM,C2	107	Prairie Brand	6056SX	STX	CM,C5,Vi,In	110
Champion	CSX58A13VT2ProRIB	VT2P,B	CM,C2	108	Renk	RK752SSTX	STX,B	AC,P5V	108
Champion	CSX59A16SSRIB	STX,B	CM,C2	109	Renk	RK776SSTX	STX,B	AC,P5V	107
Champion	CSX59B14	none	CM,C2	109	Renk	RK791SSTX	STX,B	AC,P5V	108
Channel	207-27STXRIB	STX,B	AC,P5V	107	Renk	RK810SSTX	STX	AC,P5V	109
Channel	209-53STXRIB	STX,B	AC,P5V	109	Steyer	10806GENSSRIB	STX,B	CM,C2	108
Cornelius	C574SS	STX	AC,P5V	107	Steyer	10904GENSSRIB	STX,B	CM,C2	109
Cornelius	C576SS	STX	AC,P5V	108	Steyer	11004GENSS RIB	STX,B	CM,C2	110
Cornelius	C621SS	STX	AC,P5V	110	Steyer	11005GENSSRIB	STX,B	CM,C2	110
Curry	727-33AM	AM,AQ,B	MQ,P5V,R	107	Titan Pro	2M07-SS	STX,B	AC,P5V	107
Curry	729-96AM	AM,B	MQ,P5V,R	109	Titan Pro	2M08-2P	VT2P,B	AC,P2	108
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	Titan Pro	TP 40-09	None	CM,C2	109
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	Titan Pro	TP 59-08 SS	STX	AC,P5V	108
Dyna-Gro	D48SS38	STX	AC,P5V	108	Viking	49-09N	None	CM,C2	109
Dyna-Gro	D50SS43	STX	AC,P5V	111	Wyffels	W4968RIB	STX,B	AC,P5V	107
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	Wyffels	W5138RIB	STX,B	AC,P5V	108
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108	Wyffels	W5448RIB	STX,B	AC,P5V	108
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	Wyffels	W6818	STX	AC,P5V	110
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
Great Lakes	5918STXRIB	STX,B	AC,P5V	109					
Kruger	K4R-9511	STX,B	AC,P5V	111					
Kruger	K4R-9708	STX,B	AC,P5V	108					
Kruger	K4R-9910	STX,B	AC,P5V	110					
Kruger	K4R-9911	STX,B	AC,P5V	111					
Latham	LH5715VT2ProRIB	VT2P,B	AC,P2	107					
Latham	LH5829SSRIB	STX,B	AC,P5V	108					
Latham	LH5939SS	STX	AC,P5V	109					
Latham	LH5947VT3ProRIB	VT3P,B	AC,P2	109					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110					
NK Brand	N66V-3000GT GC	3000GT	AVC,C5,Vi	110					
NuTech	5N-607	3000GT	MQ,P5V	107					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V	110					
NuTech/G2 Gen	5F-709^	AM,B	MQ,P5V	109					
NuTech/G2 Gen	5Z-308^	OI	MQ,P1V	108					
Pfister	2565SS	STX,B	CM,C5,Vi,In	108					
Pfister	67A1	HXT,RR2	CM,C5,Vi,In	107					
Pfister	68A1	HXT,RR2	CM,C5,Vi,In	109					
Pfister	X12546S2R4	STX,B	CM,C5,Vi,In	107					
Pioneer	P0591AMX CK	AMX,B	MQ,C2	105					
Pioneer	P0969AMXT GC	AMXT,B	MQ,C2	109					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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