

# 2013 Corn Grain Top 30 Harvest Report

Iowa Northwest [ IANW ] SIOUX CENTER  
Mike Schouten, Dordt College, Sioux County, IA 51250



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

PREV. CROP/HERB: Oat / 2,4-D  
SOIL DESCRIPTION: Galva silty clay loam, well drained, minimum w/o fall till, non-irrigated  
SOIL CONDITION: High P, high K, 5.9 pH, 4% OM  
PEST MANAGEMENT: Harness, Impact, Force 3G  
FERTILITY - Applied N: 200 Spring  
Applied N-P-K (units): 200-60-60  
SEEDED - RATE - ROW: May 18 33,600 /A 30" spacing  
HARVESTED - STAND: Nov 2 33,700 /A

## Early-Season Test

101 - 106 Day CRM  
B2013IANW01a

## Top 30 of 63

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
Kruger	K4R-9901	STX,B	AC,P5V	101	<b>218.2</b>	20.1	0	34.0	949	1
Wyffels	W4797RIB	VT3P,B	AC,P5V	106	<b>216.6</b>	20.9	0	33.3	936	2
Renze	2224-3000GT	3000GT	CM,C2	104	<b>214.9</b>	20.1	0	33.3	934	3
Channel	201-39STXRIB	STX,B	AC,P5V	101	213.0	19.5	0	34.7	930	4
Curry	422-09	HXT,RR2	MQ,C2,R	102	212.9	20.5	0	32.7	923	5
Stine	9425SS	STX	AC,P2	102	211.5	19.7	0	34.7	922	7
Producers	6318STX	STX	AC,P5V	103	211.2	19.4	0	32.0	923	6
Wyffels	W3007RIB	VT3P,B	AC,P5V	103	211.2	20.3	0	32.7	917	8
Prairie Brand	5624GT3	3000GT	CM,C2	105	211.1	21.0	0	34.0	912	11
Fontanelle	02A323	STX,B	AC,P5V	102	210.7	20.1	0	33.3	916	9
Kruger	K4R-9306	STX,B	AC,P5V	106	210.6	21.4	0	34.7	907	12
Fontanelle	6A100RBC	STX,B	AC,P5V	104	209.4	21.0	0	34.7	905	13
Great Lakes	5688STX	STX	AC,P5V	106	209.3	21.2	0	34.0	903	15
Federal	5640	STX,B	AC,P2	106	208.9	20.8	0	32.7	904	14
Producers	6624VT3PRIB	VT3P,B	AC,P5V	105	208.5	21.1	0	34.7	900	18
LG Seeds	LG2531VT3P	VT3P	AC,P5V	106	208.2	20.7	0	31.3	901	17
Curry	626-36	HX,RR2	MQ,C2,R	106	207.9	20.4	0	36.0	902	16
LG Seeds	LG5524VT3P	VT3P	AC,P5V	105	207.7	21.2	0	32.7	896	19
Champion	CSX54A14SSRIB	STX,B	AC,P5V	104	207.0	21.2	0	32.0	893	23
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105	206.6	20.6	0	35.3	895	20
AgriGold	A6376STX	STX	AC,P5V	105	206.4	20.9	0	33.3	892	24
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105	205.6	20.8	0	32.7	889	28
Viking	60-01N	None	CM,C2	101	205.4	19.9	0	33.3	894	21
NuTech/G2 Gen	5H-806	HX,RR2	MQ,C2	106	205.2	20.7	0	32.7	888	29
Pfister	2225SS	STX	CM,C2	102	205.1	20.6	0	34.0	888	30
Prairie Brand	1010VT3	VT3	CM,C2	101	205.0	19.6	0	34.7	894	22
Renze	3174SST	STX	CM,C2	102	204.7	20.0	0	34.0	890	25
Channel	203-44STXRIB	STX,B	AC,P5V	103	204.6	20.0	0	36.0	890	26
Viking	C78-05R	VT3P,B	AC,P2	105	204.3	20.1	0	35.3	888	31
Titan Pro	TP 39-02 SS	STX	AC,P2,Z	102	203.8	19.5	0	35.3	890	27
Pioneer	P0636HR CK	HX,RR2	MQ,P1V	106	211.4	20.7	0	34.0	915	10

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

Test Average = **201.7** **20.6** **0** **33.7** **874**  
LSD (0.10) = 12.5 0.8 ns  
C.V. = 4.6 3.0

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.5 Drying = \$0.030 Price =  $\frac{\$4.50}{\$4.50}$  Local GMO non-GMO

**Test Comments:** After snow showers on May 2, the Dordt College farm remained in a wet weather pattern ending May 6+ rain over normal. Heavy rain after planting left area fields saturated until June. July turned very dry till small showers relieved stress at pollination. Common rust and gray leaf spot were observed. Delayed frost allowed kernels to fill well and add yield. At harvest, plants stood well.

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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Report date: 11/8/2013 Revised:

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SOIL CONDITION: High P, high K, 5.9 pH, 4% OM  
PEST MANAGEMENT: Harness, Impact, Force 3G  
FERTILITY - Applied N: 200 Spring  
Applied N-P-K (units): 200-60-60  
SEEDED - RATE - ROW: May 18 33,600 /A 30" spacing  
HARVESTED - STAND: Nov 2 33,600 /A

**Full-Season Test**  
**107 - 110 Day CRM**  
B2013IANW01b

**Top 30 of 54**  
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
Kruger	K4R-9911	STX,B	AC,P5V	110	<b>232.3</b>	23.4	0	32.7	987	1
Kruger	K4R-9708	STX,B	AC,P5V	108	<b>224.2</b>	21.8	0	34.0	963	2
Renk	RK797SSTX	STX	AC,P2	109	<b>222.6</b>	22.0	0	33.3	955	3
Channel	210-95STXRIB	STX,B	AC,P5V	110	<b>220.8</b>	23.1	0	34.7	940	4
Wyffels	W6627	VT3P	AC,P5V	110	<b>220.1</b>	23.5	0	34.0	934	5
Wyffels	W6487RIB	VT3P,B	AC,P5V	110	215.5	24.7	0	34.7	907	7
Channel	209-53STXRIB	STX,B	AC,P5V	109	215.2	25.3	0	35.3	902	10
Curry	630-42	HX,RR2	MQ,C2,R	110	213.5	24.5	0	32.7	900	12
Kruger	KR-7709	VT3P,B	AC,P5V	109	212.8	22.6	0	35.3	909	6
Producers	6878STX	STX	AC,P5V	108	212.4	22.6	0	31.3	907	8
Stine	R9632SS	STX,B	CM,C2	107	211.5	22.2	0	33.3	906	9
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107	211.2	23.0	0	34.0	900	13
Champion	CSX60A13VT3Pro	VT3P	CM,C2	110	211.0	23.1	0	31.3	898	14
Producers	6884VT3PRIB	VT3P,B	AC,P5V	107	210.6	23.1	0	33.3	897	15
Titan Pro	2M07-SS	STX,B	AC,P5V,Z	107	210.2	21.9	0	34.0	902	11
Renk	RK791SSTX	STX,B	AC,P2	108	209.0	23.0	0	30.7	890	17
Pfister	2547RA	STX,B	CM,C2	108	207.9	22.5	0	35.3	889	18
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	207.5	25.0	0	35.3	872	27
Wyffels	W5138	STX	AC,P5V	108	207.0	22.7	0	34.7	884	22
LG Seeds	LG5533VT3P	VT3P	AC,P5V	107	206.9	21.8	0	33.3	889	19
NuTech/G2 Gen	5F-008AM	AM,B	MQ,C2	108	206.6	23.0	0	30.7	880	24
Pioneer	P1023AM-R GC	AM-R,B	MQ,P1V	110	206.4	24.5	0	32.7	870	28
Titan Pro	TP 39-09 SS	STX	AC,P2,Z	109	206.3	21.4	0	29.3	889	20
AgriGold	A6416STX	STX	AC,P5V	107	206.1	22.3	0	30.7	882	23
Great Lakes	5939VT3PRIB	VT3P,B	AC,P5V	109	205.8	24.8	0	30.7	866	29
Fontanelle	6V879RBC	VT3P,B	AC,P2	107	205.2	20.9	0	35.3	887	21
Champion	CSX59B14SSRIB	STX,B	AC,P5V	109	205.0	23.1	0	34.7	873	25
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	203.8	23.3	0	32.0	866	30
Stine	9631VT3Pro	VT3P	CM,C2	109	203.0	23.1	0	34.0	864	31
Fontanelle	07A573	STX,B	AC,P5V	107	202.7	21.5	0	33.3	873	26
Pioneer	P0636HR CK	HX,RR2	MQ,P1V	106	207.2	20.8	0	36.0	896	16

*Corey Rozenboom*

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Test Average = **204.1**    **23.2**    **0**    **33.6**    **868**  
LSD (0.10) = 15.4    1.8    ns  
C.V. = 5.6    5.8

Yield & Income Factors:    Base Moisture = 15.0%    Shrink = 1.5    Drying = \$0.030    Price =  $\frac{\$4.50}{\$4.50}$     Local GMO  
non-GMO

**Test Comments:** After snow showers on May 2, the Dordt College farm remained in a wet weather pattern ending May 6+ rain over normal. Heavy rain after planting left area fields saturated until June. July turned very dry till small showers relieved stress at pollination. Common rust and gray leaf spot were observed. Delayed frost allowed kernels to fill well and add yield. At harvest, plants stood well.

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**Early-Season Test Products (63 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6267STX	STX	AC,P5V	102	Renk	RK752SSTX	STX,B	AC,P5V	105
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105	Renze	2224-3000GT	3000GT	CM,C2	104
AgriGold	A6376STX	STX	AC,P5V	105	Renze	3174SST	STX	CM,C2	102
Champion	AGX53A13-3000GT	3000GT	CM,C2	103	Spectrum	5250	None	AC,P5V	102
Champion	CSX54A14SSRIB	STX,B	AC,P5V	104	Spectrum	5648	None	CM,C2,St	106
Champion	CSX56A13VT3Pro	VT3P	CM,C2	106	Stine	9425SS	STX	AC,P2	102
Champion	CSX56B13SSRIB	STX,B	AC,P5V	106	Stine	R9534VT3Pro	VT3P,B	AC,P2	106
Channel	201-39STXRIB	STX,B	AC,P5V	101	Titan Pro	82X06	HXT	CM,C2,Z	106
Channel	203-44STXRIB	STX,B	AC,P5V	103	Titan Pro	TP 37-06 SS	STX	AC,P5V,Z	106
Curry	422-09	HXT,RR2	MQ,C2,R	102	Titan Pro	TP 39-02 SS	STX	AC,P2,Z	102
Curry	626-36	HX,RR2	MQ,C2,R	106	Titan Pro	TP 39-05 SS	STX	AC,P2,Z	105
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	Viking	30-06N	None	CM,C2	106
Federal	5240	STX,B	AC,P2	102	Viking	60-01N	None	CM,C2	101
Federal	5640	STX,B	AC,P2	106	Viking	C78-05R	VT3P,B	AC,P2	105
Fontanelle	02A323	STX,B	AC,P5V	102	Wyffels	W2888	STX	AC,P5V	102
Fontanelle	6A100RBC	STX,B	AC,P5V	104	Wyffels	W3007RIB	VT3P,B	AC,P5V	103
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105	Wyffels	W3998	STX	AC,P5V	105
Great Lakes	5688STX	STX	AC,P5V	106	Wyffels	W4797RIB	VT3P,B	AC,P5V	106
Kruger	K4R-9304	STX,B	AC,P5V	104					
Kruger	K4R-9306	STX,B	AC,P5V	106					
Kruger	K4R-9703	STX,B	AC,P5V	103					
Kruger	K4R-9901	STX,B	AC,P5V	101					
LG Seeds	LG2531VT3P	VT3P	AC,P5V	106					
LG Seeds	LG5518STX	STX	AC,P5V	104					
LG Seeds	LG5524VT3P	VT3P	AC,P5V	105					
LG Seeds	LG5550VT3PRIB	VT3P,B	AC,P5V	106					
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102					
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105					
NuTech/G2 Gen	5H-806	HX,RR2	MQ,C2	106					
Pfister	2225SS	STX	CM,C2	102					
Pfister	2413RA	STX,B	CM,C2	105					
Pioneer	P0528AMX GC	AMX,B	MQ,P1V	105					
Pioneer	P0636HR CK	HX,RR2	MQ,P1V	106					
Prairie Brand	1010VT3	VT3	CM,C2	101					
Prairie Brand	5584SX	STX	CM,C1	103					
Prairie Brand	5624GT3	3000GT	CM,C2	105					
Prairie Brand	5644SX	STX	CM,C2	105					
Producers	6318STX	STX	AC,P5V	103					
Producers	6394VT3Pro	VT3P	AC,P5V	103					
Producers	6424VT3PRIB	VT3P,B	AC,P5V	104					
Producers	6624VT3PRIB	VT3P,B	AC,P5V	105					
Renk	RK633SSTX	STX	AC,P2	101					
Renk	RK666SSTX	STX	AC,P2	102					
Renk	RK699SSTX	STX	AC,P2	105					

**Full-Season Test Products (54 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	Stine	9740VT3Pro	VT3P	CM,C2	110
AgriGold	A6416STX	STX	AC,P5V	107	Stine	R9632SS	STX,B	CM,C2	107
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	Titan Pro	2M07-SS	STX,B	AC,P5V,Z	107
Champion	CSX57A13SSRIB	STX,B	AC,P5V	107	Titan Pro	TP 39-09 SS	STX	AC,P2,Z	109
Champion	CSX59A14VT3Pro	VT3P	CM,C2	109	Titan Pro	x81A10	CB/LL/RW	CM,C2,Z	110
Champion	CSX59B14SSRIB	STX,B	AC,P5V	109	Wyffels	W5138	STX	AC,P5V	108
Champion	CSX60A13VT3Pro	VT3P	CM,C2	110	Wyffels	W5787RIB	VT3P,B	AC,P5V	108
Channel	209-53STXRIB	STX,B	AC,P5V	109	Wyffels	W6487RIB	VT3P,B	AC,P5V	110
Channel	210-95STXRIB	STX,B	AC,P5V	110	Wyffels	W6627	VT3P	AC,P5V	110
Curry	630-42	HX,RR2	MQ,C2,R	110					
Curry	828-46	AMX-R,B	MQ,C2,R	108					
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107					
Fontanelle	07A573	STX,B	AC,P5V	107					
Fontanelle	6V879RBC	VT3P,B	AC,P2	107					
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107					
Great Lakes	5939VT3PRIB	VT3P,B	AC,P5V	109					
Kruger	K4R-9708	STX,B	AC,P5V	108					
Kruger	K4R-9710	STX,B	AC,P5V	110					
Kruger	K4R-9911	STX,B	AC,P5V	110					
Kruger	KR-7709	VT3P,B	AC,P5V	109					
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109					
LG Seeds	LG5533VT3P	VT3P	AC,P5V	107					
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109					
NuTech/G2 Gen	5F-008AM	AM,B	MQ,C2	108					
NuTech/G2 Gen	5H-707	HX,RR2	MQ,P1V,R	107					
NuTech/G2 Gen	5Z-109	OI	MQ,P1V,R	109					
NuTech/G2 Gen	5Z-709	OI	MQ,P1V,R	109					
Pfister	2524SS	STX	CM,C2	108					
Pfister	2547RA	STX,B	CM,C2	108					
Pfister	2574RA	STX,B	CM,C2	110					
Pioneer	P0636HR CK	HX,RR2	MQ,P1V	106					
Pioneer	P1023AM-R GC	AM-R,B	MQ,P1V	110					
Producers	6734VT3Pro	VT3P	AC,P5V	107					
Producers	6794VT3PRIB	VT3P,B	AC,P5V	107					
Producers	6878STX	STX	AC,P5V	108					
Producers	6884VT3PRIB	VT3P,B	AC,P5V	107					
Renk	RK776VT3P	VT3P	AC,P2	107					
Renk	RK791SSTX	STX,B	AC,P2	108					
Renk	RK797SSTX	STX	AC,P2	109					
Renk	RK809GTCBLLRW	3000GT	CE,C2	110					
Renze	2293-3000GT	3000GT	CM,C2	109					
Renze	6264	None	CM,C2	106					
Spectrum	5889	None	CM,C2,St	108					
Spectrum	5967	None	AC,P5V	109					
Stine	9631VT3Pro	VT3P	CM,C2	109					

## 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 F.I.R.S.T. when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,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)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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