

2013 Corn Grain Top 30 Harvest Report

Iowa Northwest [IANW] PAULLINA

Mark Hibbing, O'Brien County, IA 51046



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

PREV. CROP/HERB: Soybean / Roundup WeatherMax
 SOIL DESCRIPTION: Galva silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.5 pH, 4.6% OM
 PEST MANAGEMENT: Cadence, Steadfast, Callisto, Force 3G
 FERTILITY - Applied N: 150 Spring
 Applied N-P-K (units): 150-80-90
 SEEDED - RATE - ROW: May 20 35,100 /A 30" spacing
 HARVESTED - STAND: Nov 4 32,100 /A

Early-Season Test

101 - 106 Day CRM

B2013IANW03a

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
AgriGold	A6267STX	STX	AC,P5V	102	203.8	20.6	0	36.0	883	1
Fontanelle	6A100RBC	STX,B	AC,P5V	104	203.4	20.9	0	31.3	879	2
Renk	RK752SSTX	STX,B	AC,P5V	105	201.5	22.4	0	32.7	862	3
Kruger	K4R-9304	STX,B	AC,P5V	104	199.3	20.8	0	34.7	862	4
Kruger	K4R-9306	STX,B	AC,P5V	106	197.2	22.4	0	35.3	844	7
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	196.4	20.6	0	35.3	851	5
NuTech/G2 Gen	5H-806	HX,RR2	MQ,C2	106	195.4	20.9	0	32.7	845	6
Champion	CSX56A13VT3Pro	VT3P	CM,C2	106	194.6	21.8	0	30.7	836	8
Champion	CSX56B13SSRIB	STX,B	AC,P5V	106	192.5	21.8	0	30.7	827	9
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	190.8	20.9	0	38.0	825	12
Producers	6318STX	STX	AC,P5V	103	190.7	20.6	0	27.3	826	10
Renk	RK666SSTX	STX	AC,P2	102	190.3	20.4	0	26.7	826	11
Producers	6424VT3PRIB	VT3P,B	AC,P5V	104	190.2	21.1	0	32.0	821	13
LG Seeds	LG5524VT3P	VT3P	AC,P5V	105	188.7	20.9	0	35.3	816	14
Federal	5240	STX,B	AC,P2	102	188.6	20.7	0	36.0	816	15
LG Seeds	LG5518STX	STX	AC,P5V	104	188.6	20.9	0	30.0	815	16
Curry	626-36	HX,RR2	MQ,C2,R	106	188.6	21.1	0	32.7	814	17
Channel	203-44STXRIB	STX,B	AC,P5V	103	187.7	20.7	0	28.7	813	18
Great Lakes	5688STX	STX	AC,P5V	106	187.7	21.2	0	30.7	810	21
Wyffels	W3007RIB	VT3P,B	AC,P5V	103	187.5	20.6	8	32.0	812	20
Wyffels	W4797RIB	VT3P,B	AC,P5V	106	187.2	20.3	0	26.0	813	19
Titan Pro	TP 37-06 SS	STX	AC,P5V,Z	106	187.0	22.0	0	28.7	802	29
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	186.9	20.9	0	29.3	808	22
Renze	3174SST	STX	CM,C2	102	186.7	20.8	0	32.7	808	23
Titan Pro	TP 39-02 SS	STX	AC,P2,Z	102	186.4	20.5	0	34.0	808	24
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105	186.4	20.8	0	30.0	806	25
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105	185.9	20.8	0	36.0	804	27
Pfister	2225SS	STX	CM,C2	102	185.9	20.9	0	31.3	804	28
Kruger	K4R-9703	STX,B	AC,P5V	103	185.2	20.2	0	32.7	805	26
Prairie Brand	5624GT3	3000GT	CM,C2	105	184.9	21.3	12	30.0	797	30
Pioneer	P0636HR CK	HX,RR2	MQ,P1V	106	184.9	21.6	0	34.7	795	32

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

Test Average = **182.2** **20.9** **1** **32.1** **787**
 LSD (0.10) = 12.8 1.0 ns
 C.V. = 5.2 3.5

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: A May 2 spring storm left a couple inches of snow across are fields. Soil temps were cooler than typical well into May. June and July were very dry which stressed plants until August rain returned. Common rust and corn aphids were prevalent here in August. Corn development was delayed making fuller maturities vulnerable to an early freeze. Fortunately, freeze occurred after all corn had matured.

† 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

Additional reports and searchable database available at www.firstseedtests.com

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Report date: 11/8/2013 Revised:

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 SOIL DESCRIPTION: Galva silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.5 pH, 4.6% OM
 PEST MANAGEMENT: Cadence, Steadfast, Callisto, Force 3G
 FERTILITY - Applied N: 150 Spring
 Applied N-P-K (units): 150-80-90
 SEEDING - RATE - ROW: May 20 35,100 /A 30" spacing
 HARVESTED - STAND: Nov 4 31,700 /A

Full-Season Test
107 - 110 Day CRM
 B2013IANW03b

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
Champion	CSX60A13VT3Pro	VT3P	CM,C2	110	227.4	24.8	0	30.7	956	1
Producers	6884VT3PRIB	VT3P,B	AC,P5V	107	219.1	21.8	0	32.7	941	2
Kruger	KR-7709	VT3P,B	AC,P5V	109	218.3	22.4	0	30.0	934	3
Kruger	K4R-9708	STX,B	AC,P5V	108	217.6	21.9	0	32.0	934	4
Wyffels	W6487RIB	VT3P,B	AC,P5V	110	217.3	22.2	0	29.3	931	5
Pioneer	P1023AM-R GC	AM-R,B	MQ,P1V	110	216.8	25.3	0	32.7	909	8
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107	215.6	21.3	0	31.3	929	6
Champion	CSX59B14SSRIB	STX,B	AC,P5V	109	215.3	23.9	0	33.3	911	7
Titan Pro	2M07-SS	STX,B	AC,P5V,Z	107	214.9	24.1	0	30.7	908	9
NuTech/G2 Gen	5Z-709	OI	MQ,P1V,R	109	214.3	24.3	0	30.7	905	10
Renk	RK776VT3P	VT3P	AC,P2	107	212.6	23.2	0	30.0	904	11
Pfister	2524SS	STX	CM,C2	108	210.4	25.2	0	36.0	882	15
Spectrum	5967	None	AC,P5V	109	209.5	24.8	0	29.3	881	16
Fontanelle	6V879RBC	VT3P,B	AC,P2	107	207.6	20.3	0	25.3	901	12
Wyffels	W5787RIB	VT3P,B	AC,P5V	108	207.2	24.8	0	30.0	871	18
Curry	630-42	HX,RR2	MQ,C2,R	110	206.5	22.5	0	29.3	883	14
Producers	6734VT3Pro	VT3P	AC,P5V	107	206.4	21.1	0	35.3	891	13
Wyffels	W6627	VT3P	AC,P5V	110	205.5	24.2	3	32.0	868	19
Champion	CSX59A14VT3Pro	VT3P	CM,C2	109	204.1	24.2	0	27.3	862	23
Pfister	2574RA	STX,B	CM,C2	110	204.0	24.5	12	36.0	860	25
Stine	R9632SS	STX,B	CM,C2	107	203.6	22.1	0	31.3	873	17
NuTech/G2 Gen	5H-707	HX,RR2	MQ,P1V,R	107	203.6	23.3	0	32.7	866	21
Kruger	K4R-9911	STX,B	AC,P5V	110	202.9	23.9	0	28.0	859	26
Great Lakes	5939VT3PRIB	VT3P,B	AC,P5V	109	201.8	22.7	0	29.3	861	24
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	201.6	22.1	0	32.0	864	22
Renk	RK797SSTX	STX	AC,P2	109	201.5	21.4	0	37.3	868	20
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109	197.0	21.7	8	35.3	847	27
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	196.9	22.0	0	36.7	845	28
Titan Pro	TP 39-09 SS	STX	AC,P2,Z	109	196.3	22.0	0	28.0	842	29
Pfister	2547RA	STX,B	CM,C2	108	196.0	22.3	0	34.0	839	30
Pioneer	P0636HR CK	HX,RR2	MQ,P1V	106	185.9	21.5	0	32.7	800	43

Corey Rozenboom

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Test Average = **198.3** **23.1** **1** **31.7** **844**
 LSD (0.10) = 13.9 1.8 ns
 C.V. = 5.2 5.7

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: *A May 2 spring storm left a couple inches of snow across are fields. Soil temps were cooler than typical well into May. June and July were very dry which stressed plants until August rain returned. Common rust and corn aphids were prevalent here in August. Corn development was delayed making fuller maturities vulnerable to an early freeze. Fortunately, freeze occurred after all corn had matured.*

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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.