

2014 Corn Grain Top 30 Harvest Report

Iowa Northwest [IANW] LU VERNE
 Bob Plathe, Kossuth County, IA 50560



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

PREV. CROP/HERB: Soybean / Sonic, Roundup
 SOIL DESCRIPTION: Fostoria-Clarion loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 5.5% OM
 PEST MANAGEMENT: TripleFlex
 FERTILITY - Applied N: 100 Fall, 80 Spring
 Applied N-P-K (units): 180-0-0
 SEEDED - RATE - ROW: May 6 35,700 /A 30" spacing
 HARVESTED - STAND: Oct 29 32,600 /A

Early-Season Test
101 - 106 Day CRM
 B2014IANW06a

Top 30 of 75
 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
Viking	72-04N	None	CM,C2	104	201.8	16.7	1	34.5	620	1
Pfister	2399GT3000	3000GT	CM,C2	104	201.3	16.8	1	33.2	618	2
Champion	CSX56A13VT2ProRIB	VT2P,B	CM,C2	106	199.3	19.5	1	35.2	587	11
Latham	LH5534-3000GT	3000GT	CM,C2	105	198.7	17.3	1	29.9	605	4
Unity	5601SS-RIB	STX,B	CM,C2	101	196.9	16.3	1	31.2	609	3
Great Lakes	5688STXRIB	STX,B	AC,P5V	106	196.0	18.4	1	35.2	587	12
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	195.3	16.7	1	32.6	600	6
Unity	4603VT3P-RIB	VT3P,B	AC,P2	103	195.0	16.5	1	34.5	601	5
Kruger	K4R-9204	STX,B	AC,P5V	104	194.1	18.9	1	34.5	577	17
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106	193.8	19.1	1	33.9	575	19
Kruger	K4R-9406	STX,B	AC,P5V	106	193.4	17.2	1	33.2	590	10
LG Seeds	LG5523STX	STX	AC,P5V	105	192.9	18.7	1	33.2	576	18
Wyffels	W2888RIB	STX,B	AC,P5V	102	192.6	16.3	1	33.2	595	7
Spectrum	5285	None	CM,C2	102	192.2	16.4	1	31.9	593	8
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	192.2	16.5	1	34.5	592	9
Prairie Brand	X1457SX	STX	CM,C2	104	191.5	16.9	1	31.2	587	13
Wyffels	W3358	STX	AC,P5V	103	191.3	17.5	1	32.5	581	15
Curry	422-09CHR	OT	MQ,P1V,R	102	190.4	17.5	1	35.2	578	16
Dairyland	DS6805	STX	CM,C2	105	189.2	16.4	1	31.9	584	14
Renk	RK712SSTX	STX	AC,P2	106	189.0	18.8	1	32.6	563	28
Dairyland	DS9305RA	STX,B	CM,C2	105	188.3	18.2	1	32.6	566	25
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102	188.2	18.2	1	32.5	566	26
Titan Pro	2M04-2P	VT2P,B	AC,P2	104	187.2	18.4	1	31.9	561	30
Champion	CSX56A15	None	CM,C2	106	187.0	18.2	1	31.2	562	29
Great Lakes	5283STXRIB	STX,B	AC,P5V	102	186.3	16.9	1	35.9	571	22
Prairie Brand	992RA	STX,B	CM,C2	100	186.2	16.5	1	32.6	574	20
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	185.9	17.1	1	34.5	568	23
Titan Pro	TP 40-00	None	CM,C2	100	185.3	16.2	1	34.5	574	21
NK Brand	N45P-3011A	3011A	AVC,C5	101	184.1	16.5	1	32.6	567	24
Stine	R9424SS	STX,B	AC,P2	99	183.1	16.5	1	31.9	564	27
Pioneer	P0591AMX CK	AMX,B	MQ,C2	105	180.2	17.0	1	34.5	551	40

Corey Rozenboom

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

Test Average = **183.3** **17.6** **1** **32.6** **556**

LSD (0.10) = 12.6 0.9 ns

LSD (0.25) = 8.8 0.6 ns

C.V. = 5.1 3.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.5 Drying = \$0.045 Price = $\frac{\$3.15}{\$3.15}$ Local GMO non-GMO

Test Comments: *Weather shortly following planting turned cool for nearly a week. June rainfall totaled nearly 14" with a large storm bringing 3.6" on the 16th. Soils were saturated through June but no ponding occurred. July to mid-Aug turned dry. Very little foliar disease was noted in late Aug except some common rust. Below average temps prevailed for much of June through July then again in early Sept.*

† 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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Report date: 10/30/2014 Revised:

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 SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 5.5% OM
 PEST MANAGEMENT: TripleFlex
 FERTILITY - Applied N: 100 Fall, 80 Spring
 Applied N-P-K (units): 180-0-0
 SEEDED - RATE - ROW: May 6 35,700 /A 30" spacing
 HARVESTED - STAND: Oct 29 33,200 /A

Full-Season Test
107 - 110 Day CRM
 B2014IANW06b

Top 30 of 60
 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
Channel	209-53STXRIB	STX,B	AC,P5V	109	222.3	17.2	1	35.2	678	1
Champion	CSX60A13VT3ProRIB	VT3P,B	CM,C2	110	221.3	19.1	1	35.2	656	3
Channel	210-93VT2PRIB	VT2P,B	AC,P5V	110	219.0	18.8	1	33.9	652	4
Curry	830-39AMX	AMX,AQ,B	MQ,P5V,R	110	218.8	17.8	1	34.5	662	2
Renk	RK791SSTX	STX,B	AC,P2	108	211.3	18.6	1	31.9	631	10
Renze	3264SST	STX	CM,C2	107	211.2	18.3	1	31.9	634	9
Prairie Brand	5815SX	STX	CM,C2	107	210.2	17.3	1	31.2	640	5
Renk	RK776SSTX	STX,B	AC,P2	107	210.2	18.8	1	33.9	626	13
Renk	RK834SSTX	STX	AC,P2	111	209.7	20.8	1	33.9	606	23
Prairie Brand	5825RA	STX	CM,C2	108	209.4	17.5	1	31.2	636	7
Kruger	K4R-9708	STX,B	AC,P5V	108	208.4	17.3	1	32.5	635	8
Champion	CSX59A14SSRIB	STX,B	AC,P5V	109	208.2	19.7	1	33.9	612	19
Wyffels	W4968	STX	AC,P5V	107	206.3	16.4	1	33.9	637	6
Pfister	2545SS	STX	AC,P5	107	206.1	17.4	1	35.8	627	12
LG Seeds	LG5603STX	STX	AC,P5V	110	205.7	16.9	1	35.8	630	11
Titan Pro	TP 34-07 3000GT	3000GT	CM,C2	107	204.9	17.3	1	33.2	624	15
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	204.4	17.0	1	32.5	625	14
Cornelius	C574SS	STX	AC,P5V	107	203.2	18.0	1	33.2	613	18
Prairie Brand	X1463SX	STX	CM,C2	110	202.6	17.6	1	32.5	614	17
Latham	LH5715VT2PRORIB	VT2P,B	AC,P2	107	202.5	17.2	1	33.9	618	16
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	201.8	18.6	1	31.2	603	25
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	200.4	17.7	1	32.5	607	21
Pfister	2565VT3Pro	VT3P	AC,P5	108	199.8	17.5	2	31.9	607	22
Wyffels	W5448	STX	AC,P5V	108	199.6	17.9	1	33.9	603	26
Renze	3275RA	STX,B	AC,P5	108	199.2	17.7	6	35.8	603	27
Champion	CSX59B14SSRIB	STX,B	AC,P5V	109	197.9	16.9	1	32.5	606	24
Federal	5940SSTXRIB	STX,B	AC,P5V	109	197.8	17.6	1	31.9	600	28
Titan Pro	TP 40-09	None	CM,C2	109	197.6	16.4	1	33.9	610	20
Latham	LH5779SSRIB	STX,B	AC,P5V	107	196.9	17.6	1	33.9	597	30
Unity	5608SS-RIB	STX,B	CM,C2	108	196.8	17.5	1	35.2	598	29
Pioneer	P0591AMX CK	AMX,B	MQ,C2	105	183.0	17.0	1	33.9	560	53

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Test Average = **198.1** **18.0** **1** **33.2** **597**
 LSD (0.10) = 13.1 1.6 ns
 LSD (0.25) = 9.2 1.1 ns
 C.V. = 4.9 6.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.5 Drying = \$0.045 Price = $\frac{\$3.15}{\$3.15}$ Local GMO non-GMO

Test Comments: *Weather shortly following planting turned cool for nearly a week. June rainfall totaled nearly 14" with a large storm bringing 3.6" on the 16th. Soils were saturated through June but no ponding occurred. July to mid-Aug turned dry. Very little foliar disease was noted in late Aug except some common rust. Below average temps prevailed for much of June through July then again in early Sept.*

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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.