

2013 Corn Grain Top 30 Harvest Report

Iowa North Central [IANC] GREENE
 Bob Wamsley, Butler County, IA 50636



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

PREV. CROP/HERB: Soybean / Glyphosate
 SOIL DESCRIPTION: Waukee-Floyd silt loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.5 pH, 3.8% OM
 PEST MANAGEMENT: Bicep II Magnum, Callisto, Force 3G
 FERTILITY - Applied N: 160 Spring
 Applied N-P-K (units): 160-65-54
 SEEDED - RATE - ROW: May 16 35,100 /A 30" spacing
 HARVESTED - STAND: Oct 31 32,900 /A

Early-Season Test
101 - 106 Day CRM
 B2013IANC09a

Top 30 of 84
 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
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	224.0	19.5	0	34.7	978	1
Producers	6394VT3Pro	VT3P	AC,P5V	103	220.2	18.9	0	36.0	965	2
Champion	CSX56A13VT3Pro	VT3P	CM,C2	106	217.7	20.9	0	35.3	941	4
Renze	2224-3000GT	3000GT	CM,C2	104	217.1	19.0	0	33.3	951	3
Champion	CSX56B13SSRIB	STX,B	AC,P5V	106	216.7	20.5	0	28.7	939	6
Titan Pro	TP 39-05 SS	STX	AC,P2,Z	105	216.5	20.2	0	26.0	940	5
Prairie Brand	5624GT3	3000GT	CM,C2	105	213.0	18.6	0	39.3	935	7
Stine	9535	None	AC,P2	104	212.6	19.2	0	34.7	930	8
Fontanelle	6A100RBC	STX,B	AC,P5V	104	212.1	19.8	0	32.0	924	11
Viking	D84-06RL	STX,B	AC,P2	106	211.7	20.8	0	34.0	916	16
Producers	6318STX	STX	AC,P5V	103	211.1	18.8	0	32.7	926	9
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	210.5	19.6	0	36.0	918	14
Wyffels	W3007RIB	VT3P,B	AC,P5V	103	210.4	19.2	0	32.7	920	12
Spectrum	5250	None	AC,P5V	102	209.9	18.9	0	32.0	920	13
Epley	E1602SS	STX	P5V	106	209.9	19.4	0	33.3	917	15
Kruger	K4R-9306	STX,B	AC,P5V	106	209.5	20.6	0	35.3	908	17
AgriGold	A6376STX	STX	AC,P5V	105	208.6	20.4	0	32.0	905	20
Steyer	10603GENSS RIB	STX,B	SStd	106	208.5	20.1	0	34.7	906	19
Dairyland	DS9306	3000GT	CM,C2	106	207.7	19.2	0	36.0	908	18
Dyna-Gro	D47SS23	STX	AC,P5V	106	207.2	19.9	0	29.3	902	24
Kruger	K4R-9304	STX,B	AC,P5V	104	206.7	19.5	0	32.0	902	25
Curry	626-36	HX,RR2	MQ,C2,R	106	206.6	19.9	0	30.7	899	27
Titan Pro	TP 37-06 SS	STX	AC,P5V,Z	106	206.5	19.6	0	29.3	901	26
Epley	E1505RR	RR2	MQ	105	206.2	18.8	0	34.7	904	21
Producers	6624VT3PRIB	VT3P,B	AC,P5V	105	205.9	20.7	0	33.3	891	30
Wyffels	W2888	STX	AC,P5V	102	205.8	18.5	0	34.7	904	22
Viking	D41-03RL	STX,B	AC,P2	103	205.5	18.5	0	34.7	903	23
Champion	CSX52A13SSRIB	STX,B	AC,P5V	102	204.7	19.7	0	31.3	892	28
LG Seeds	LG2531VT3P	VT3P	AC,P5V	106	204.2	19.6	0	33.3	891	31
Wyffels	W4797RIB	VT3P,B	AC,P5V	106	203.0	18.6	0	29.3	892	29
Pioneer	P0636HR CK	HX,RR2	MQ,P1V	106	212.5	20.0	0	36.0	924	10

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Test Average = **201.9** **19.6** **0** **32.9** **881**
 LSD (0.10) = 11.8 0.8 ns
 C.V. = 4.3 3.1

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: *Just a few days after planting, torrential rains saturated soils and challenged germination. Flash flooding and ponding in area fields was common and washed out many acres of corn to be replanted in mid-June. Western and northern corn rootworm beetles were easy to find late July. Plant health was excellent all season but drier weather through August limited top-end yield for some hybrids.*

† 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: 11/6/2013 Revised:

Early-Season Test Products (84 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6267STX	STX	AC,P5V	102	NuTech/G2 Gen	5H-806	HX,RR2	MQ,C2	106
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105	Pfister	2225SS	STX	CM,C2	102
AgriGold	A6376STX	STX	AC,P5V	105	Pfister	2413RA	STX,B	CM,C2	105
CBseed	CB5544	None	CE,C2	105	Pioneer	P0216HR GC	HX,RR2	MQ,C2	102
CBseed	CB6888CBLL	CB/LL	CE,C2	106	Pioneer	P0636HR CK	HX,RR2	MQ,P1V	106
CBseed	SK6A4433	None	CE,C2	105	Prairie Brand	1010VT3	VT3	CM,C2	101
CBseed	SK6A8833	None	CE,C2	106	Prairie Brand	1041RA	STX,B	CM,C2	103
Champion	CSX52A13SSRIB	STX,B	AC,P5V	102	Prairie Brand	5624GT3	3000GT	CM,C2	105
Champion	CSX52A14SS	STX	AC,P5V	102	Prairie Brand	5644SX	STX	CM,C2	105
Champion	CSX56A13VT3Pro	VT3P	CM,C2	106	Producers	6318STX	STX	AC,P5V	103
Champion	CSX56B13SSRIB	STX,B	AC,P5V	106	Producers	6394VT3Pro	VT3P	AC,P5V	103
Channel	201-39STXRIB	STX,B	AC,P5V	101	Producers	6424VT3PRIB	VT3P,B	AC,P5V	104
Channel	203-44STXRIB	STX,B	AC,P5V	103	Producers	6624VT3PRIB	VT3P,B	AC,P5V	105
Cornelius	C325SS	STX	AC,P5V	102	Renk	RK633SSTX	STX	AC,P2	101
Cornelius	C344VT3P	VT3P	CM,C2	103	Renk	RK666SSTX	STX	AC,P2	102
Cornelius	C424VT3P	VT3P	CM,C2	104	Renk	RK699SSTX	STX	AC,P2	105
Cornelius	C459SS	STX	AC,P5V	106	Renk	RK752SSTX	STX,B	AC,P5V	105
Curry	422-09	HXT,RR2	MQ,C2,R	102	Renze	2224-3000GT	3000GT	CM,C2	104
Curry	626-36	HX,RR2	MQ,C2,R	106	Renze	3174SST	STX	CM,C2	102
Dairyland	DS9305SSX	STX	CM,C2	105	Spectrum	5250	None	AC,P5V	102
Dairyland	DS9306	3000GT	CM,C2	106	Spectrum	5648	None	CM,C2,St	106
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	Steyer	10102VT3PRO RIB	VT3P,B	SSId	101
Dyna-Gro	D47SS23	STX	AC,P5V	106	Steyer	10403VT3PRO RIB	VT3P,B	SSId	104
Epley	E1010	None	MQ	100	Steyer	10603GENSS RIB	STX,B	SSId	106
Epley	E1403VT2P	VT2P	MQ	104	Stine	9425SS	STX	AC,P2	102
Epley	E1505RR	RR2	MQ	105	Stine	9535	None	AC,P2	104
Epley	E1602SS	STX	P5V	106	Stine	R9534VT3Pro	VT3P,B	AC,P2	106
Fontanelle	02A323	STX,B	AC,P5V	102	Titan Pro	82X06	HXT	CM,C2,Z	106
Fontanelle	6A100RBC	STX,B	AC,P5V	104	Titan Pro	TP 37-06 SS	STX	AC,P5V,Z	106
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V,Z	102	Titan Pro	TP 39-02 SS	STX	AC,P2,Z	102
FS InVISION	FS 55ZV4 RIB	VT3P,B	AC,P2,Z	105	Titan Pro	TP 39-05 SS	STX	AC,P2,Z	105
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105	Viking	30-06N	None	CM,C2	106
Great Lakes	5688STX	STX	AC,P5V	106	Viking	C78-05R	VT3P,B	AC,P2	105
Kruger	K4R-9304	STX,B	AC,P5V	104	Viking	D41-03RL	STX,B	AC,P2	103
Kruger	K4R-9306	STX,B	AC,P5V	106	Viking	D84-06RL	STX,B	AC,P2	106
Kruger	K4R-9702	STX,B	AC,P5V	102	Wyffels	W2888	STX	AC,P5V	102
Kruger	K4R-9901	STX,B	AC,P5V	101	Wyffels	W3007RIB	VT3P,B	AC,P5V	103
LG Seeds	LG2531VT3P	VT3P	AC,P5V	106	Wyffels	W3998	STX	AC,P5V	105
LG Seeds	LG5518STX	STX	AC,P5V	104	Wyffels	W4797RIB	VT3P,B	AC,P5V	106
LG Seeds	LG5528VT3P	VT3P	AC,P5V	105					
NuTech	5N-001	3000GT	MQ,C2	101					
NuTech	5N-803	3000GT	MQ,C2	101					
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					

Full-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	Producers	6734VT3Pro	VT3P	AC,P5V	107
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	109	Producers	6794VT3PRIB	VT3P,B	AC,P5V	107
AgriGold	A6472VT3Pro	VT3P	AC,P5V	110	Producers	6878STX	STX	AC,P5V	108
Champion	CSX57A13SSRIB	STX,B	AC,P5V	107	Producers	7014VT3PRIB	VT3P,B	AC,P5V	110
Champion	CSX59A14VT3Pro	VT3P	CM,C2	109	Renk	RK776VT3P	VT3P	AC,P2	107
Champion	CSX59B14SSRIB	STX,B	AC,P5V	109	Renk	RK791SSTX	STX,B	AC,P2	108
Champion	CSX60A13VT3Pro	VT3P	CM,C2	110	Renk	RK797SSTX	STX	AC,P2	109
Channel	209-53STXRIB	STX,B	AC,P5V	109	Renk	RK809GTCBLLRW	3000GT	CE,C2	110
Channel	210-95STXRIB	STX,B	AC,P5V	110	Renze	2293-3000GT	3000GT	CM,C2	109
Cornelius	C533SS	STX	AC,P5V	106	Renze	6264	None	CM,C2	106
Cornelius	C574SS	STX	AC,P5V	109	Spectrum	5889	None	CM,C2,St	108
Cornelius	C594VT3P	VT3P	CM,C2	109	Spectrum	5967	None	AC,P5V	109
Curry	828-46	AMX-R,B	MQ,C2,R	108	Steyer	10702VIP3111	3111	SSId	107
Dairyland	DS9610	3000GT	CM,C2	110	Steyer	10703GENSS RIB	STX,B	SSId	107
Dairyland	DS9809RA	STX,B	CM,C2	109	Steyer	10803GENSS RIB	STX,B	SSId	108
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	Steyer	11004GENSS RIB	STX,B	SSId	110
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	Stine	9631VT3Pro	VT3P	CM,C2	109
Epley	E1807HXL	HX	MQ	108	Stine	9740VT3Pro	VT3P	CM,C2	110
Fontanelle	07A573	STX,B	AC,P5V	107	Stine	R9632SS	STX,B	CM,C2	107
Fontanelle	6V879RBC	VT3P,B	AC,P2	107	Titan Pro	2M07-SS	STX,B	AC,P5V,Z	107
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V,Z	107	Titan Pro	TP 39-09 SS	STX	AC,P2,Z	109
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V,Z	109	Titan Pro	x81A10	CB/LL/RW	CM,C2,Z	110
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110	Viking	49-09N	None	CM,C2	109
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107	Wyffels	W5138	STX	AC,P5V	108
Great Lakes	5939VT3PRIB	VT3P,B	AC,P5V	109	Wyffels	W5787RIB	VT3P,B	AC,P5V	108
Kruger	K4R-9708	STX,B	AC,P5V	108	Wyffels	W6487RIB	VT3P,B	AC,P5V	110
Kruger	K4R-9911	STX,B	AC,P5V	110	Wyffels	W6627	VT3P	AC,P5V	110
Kruger	KR-7709	VT3P,B	AC,P5V	109					
Kruger	KR-7907	VT3P,B	AC,P2	107					
Latham	LH5715VT2PRO GC	VT2P	AC,P5V	107					
Latham	LH5779SSRIB GC	STX,B	AC,P5V	107					
Latham	LH5947VT3PRO GC	VT3P	AC,P2	109					
LG Seeds	LG5533VT3P	VT3P	AC,P5V	107					
LG Seeds	LG5579VT3P	VT3P	AC,P5V	109					
LG Seeds	LG5591VT3P	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	P0987AM1 GC	AM1,B	MQ,P1V	109					
Pioneer	P1023AM-R GC	AM-R,B	MQ,P1V	110					

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.