

2014 Corn Grain Top 30 Harvest Report
 Iowa North Central [IANC] PLYMOUTH
 Aaron & Stan Sprung, Cerro Gordo County, IA 50464



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Maxfield-Dinsdale silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, mod. high K, 6.8 pH, 5.3% OM
 PEST MANAGEMENT: Volley ATZ, Capreno
 FERTILITY - Applied N: 58 Spring, 50 Sidedress
 Applied N-P-K (units): 108-40-150
 SEEDED - RATE - ROW: May 20 33,000 /A 30" spacing
 HARVESTED - STAND: Nov 1 31,700 /A

Full-Season Test
107 - 110 Day CRM
 B2014IANC03b

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
Champion	CSX60A13VT3ProRIB	VT3P,B	CM,C2	110	243.8	21.8	1	30.5	693	1
Cornelius	C621SS	STX	AC,P5V	110	242.0	22.3	1	31.2	683	2
Champion	CSX59B14SSRIB	STX,B	AC,P5V	109	234.2	22.5	1	30.5	659	7
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	233.6	22.1	1	32.5	661	6
LG Seeds	LG5603STX	STX	AC,P5V	110	233.4	23.8	1	33.2	643	11
Wyffels	W5138RIB	STX,B	AC,P5V	108	231.3	22.0	1	32.5	656	8
Spectrum	5967	None	CM,C2,St	109	231.2	21.1	1	29.2	665	4
NuTech/G2 Gen	X5Z-0906^	OI	MQ,P1V,R	109	230.3	20.7	1	29.2	666	3
Renk	RK834SSTX	STX	AC,P2	111	230.2	22.9	1	33.2	643	12
Kruger	K4R-9511	STX,B	AC,P5V	111	228.6	23.6	1	31.2	632	17
Titan Pro	TP 39-09 SS	STX,B	AC,P5V	109	228.4	20.4	1	31.9	664	5
Cornelius	C576SS	STX	AC,P5V	109	228.4	22.2	1	33.2	645	10
Renk	RK776SSTX	STX,B	AC,P2	107	228.3	22.0	1	29.9	647	9
Renze	3275RA	STX,B	AC,P5	108	227.0	23.3	1	31.2	630	18
NuTech/G2 Gen	5D-109^	AMX,B	MQ,P5V	109	226.3	22.8	1	32.5	633	16
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	226.1	24.0	1	30.5	621	22
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	225.8	25.5	1	32.5	605	26
Cornelius	C574SS	STX	AC,P5V	107	224.6	25.3	1	33.2	603	29
Renk	RK791SSTX	STX,B	AC,P2	108	224.0	21.7	1	33.2	638	14
Pfister	2565VT3Pro	VT3P	AC,P5	108	223.7	23.1	1	31.9	623	20
Wyffels	W4968	STX	AC,P5V	107	222.8	21.1	1	31.9	641	13
Kruger	K4R-9911	STX,B	AC,P5V	111	222.6	21.7	1	33.2	634	15
LG Seeds	LG5541STXRIB	STX,B	AC,P5V	108	221.1	24.2	1	32.5	605	27
Steyer	11004GENSS RIB	STX,B	CM,C2	110	220.6	22.2	1	31.2	623	21
Titan Pro	2M07-SS	STX,B	AC,P5V	107	219.4	23.8	1	29.2	604	28
Titan Pro	TP 34-07 3000GT	3000GT	CM,C2	107	219.0	22.9	2	30.5	612	23
Kruger	K4R-9708	STX,B	AC,P5V	108	219.0	23.2	1	32.5	609	25
Kruger	K4R-9308	STX,B	AC,P5V	108	218.6	21.2	1	33.2	628	19
Titan Pro	TP 40-09	None	CM,C2	109	217.4	23.5	1	28.5	602	30
Prairie Brand	5825RA	STX	CM,C2	108	216.3	23.6	1	33.2	598	31
Pioneer	P0591AMX CK	AMX,B	MQ,C2	105	212.5	21.1	1	32.5	611	24

Corey Rozenboom

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Test Average = **216.9** **23.8** **1** **31.7** **598**
 LSD (0.10) = 13.6 1.9 ns
 LSD (0.25) = 9.5 1.3 ns
 C.V. = 4.6 5.8

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: *Wet spring weather here delayed corn planting. Final stands were excellent in spite of nearly 15" of rain in June. July and Aug rainfall was about 1" and 8.5", respectively. Overall, below average temps prevailed for much of June through July and early Sept that slowed crop development and delayed maturity. Northern corn leaf blight was common across the trial reducing susceptible hybrid yield.*

† 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

Additional reports available at www.firstseedtests.com
 Report date: 11/3/2014 Revised:

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Early-Season Test Products (78 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6267STXRIB	STX,B	AC,P5V	102
AgriGold	A6351STX	STX	AC,P5V	105
AgriGold	A6358VT3PRIB	VT3P,B	AC,P5V	105
Anderson	6073	None	M,D,At	101
Champion	CSX54A15SS	STX,B	AC,P5V	104
Champion	CSX56A13VT2ProRIB	VT2P,B	CM,C2	106
Champion	CSX56A15	None	CM,C2	106
Champion	CSX56B13SS	STX,B	AC,P5V	106
Channel	202-64STXRIB	STX,B	AC,P5V	102
Cornelius	C325SS	STX	AC,P5V	101
Cornelius	C457SS	STX	AC,P5V	105
Cornelius	C459SS	STX	AC,P5V	105
Curry	422-09CHR	OT	MQ,P1V,R	102
Curry	XC-1401CYXR	OIXT,AQ	MQ,P5V,R	101
Dairyland	DS6805	STX	CM,C2	105
Dairyland	DS6905	STX	CM,C2	105
Dairyland	DS9305RA	STX,B	CM,C2	105
Dekalb	DKC52-30RIB GC	STX,B	AC,P5V	102
Dyna-Gro	D42SS42	STX	AC,P5V	102
Dyna-Gro	D46SS46	STX	AC,P5V	107
Epley	E1010	None	MQ	100
Epley	E1017HXL	HX	MQ	100
Epley	E1106LL	LL	MQ	101
Federal	5140SSTAXRIB	STX,B	AC,P5V	101
Federal	5440SSTAX	STX	AC,P5V	104
Federal	5640	STX,B	AC,P5V	106
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101
FS InVISION	FS 52TX1 RIB	STX,B	AC,P5V	102
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106
Great Lakes	5283STXRIB	STX,B	AC,P5V	102
Great Lakes	5688STXRIB	STX,B	AC,P5V	106
Kruger	K4R-9204	STX,B	AC,P5V	104
Kruger	K4R-9304	STX,B	AC,P5V	104
Kruger	K4R-9406	STX,B	AC,P5V	106
Kruger	K4R-9901	STX,B	AC,P5V	101
Kussmaul	SS-1002RIB	STX,B	AC,P5V	102
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102
Latham	LH5459SSRIB	STX,B	AC,P5V	104
Latham	LH5534-3000GT	3000GT	CM,C2	105
Latham	LH5659SSRIB	STX,B	AC,P5V	106
LG Seeds	LG5502STX	STX	AC,P5V	102
LG Seeds	LG5523STX	STX	AC,P5V	105
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105

Company/Brand	Product/Brand	Technol.	Seed Trt	RM
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106
NuTech/G2 Gen	5L-802^	AMXT,B	MQ,P5V	102
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102
Pfister	2225RA	STX,B	CM,C2	102
Pfister	2313RA	STX,B	CM,C2	104
Pfister	2399GT3000	3000GT	CM,C2	104
Pfister	2447SS	STX	AC,P5	106
Pioneer	P0392AMX GC	AMX,B	MQ,C2	103
Pioneer	P0591AMX CK	AMX,B	MQ,C2	105
Prairie Brand	5495SX	STX	CM,C2	104
Prairie Brand	5785SX	STX	CM,C2	107
Prairie Brand	992RA	STX,B	CM,C2	100
Prairie Brand	X1457SX	STX	CM,C2	104
Renk	RK666SSTX	STX,B	AC,P2	102
Renk	RK699SSTX	STX,B	AC,P2	105
Renk	RK712SSTX	STX	AC,P2	106
Renk	RK752SSTX	STX,B	AC,P2	105
Renze	3232RA	STX,B	CM,C2	104
Renze	3255RA	STX,B	AC,P5	107
Spectrum	5285	None	CM,C2	102
Steyer	10102GENSSRIB	STX,B	CM,C2	101
Steyer	10403GENSSRIB	STX,B	CM,C2	104
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105
Titan Pro	TP 40-00	None	CM,C2	100
Titan Pro	TP 40-03	None	CM,C2	103
Viking	30-06N	None	CM,C2	106
Viking	72-04N	None	CM,C2	104
Viking	C78-05R	VT3P,B	AC,P2	105
Viking	D84-06RL	STX,B	AC,P5V	106
Wyffels	W2888RIB	STX,B	AC,P5V	102
Wyffels	W3358	STX	AC,P5V	103
Wyffels	W3998RIB	STX,B	AC,P5V	105

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.