

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



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

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  
 SEEDING - RATE - ROW: May 20 33,000 /A 30" spacing  
 HARVESTED - STAND: Nov 1 32,300 /A

**Ultra Early-Season Test**  
**95 - 100 Day CRM**  
 B2014IANO03u

**Top 30 of 66**  
 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	197-68STXRIB	STX,B	AC,P5V	97	<b>237.8</b>	20.5	1	33.2	690	2
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	<b>230.8</b>	20.7	1	31.9	668	5
Wyffels	W1698RIB	STX,B	AC,P5V	97	<b>230.7</b>	18.3	1	31.9	692	1
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	<b>229.5</b>	19.1	1	30.6	681	3
Kruger	K4R-9199	STX,B	AC,P5V	99	228.3	18.7	1	33.2	681	4
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	224.9	19.5	1	33.2	663	8
Wyffels	W2308	STX	AC,P5V	100	224.5	19.3	1	33.2	664	6
Dekalb	DKC47-35RIB GC	STX,B	AC,P5V	97	224.0	19.3	1	33.2	662	9
AgriGold	A6217STX	STX	AC,P5V	97	221.6	19.5	1	33.2	653	13
LG Seeds	LG5460STX	STX	AC,P5V	97	221.3	19.5	1	33.2	652	14
Cornelius	C287SS	STX	AC,P5V	99	221.2	18.9	1	30.6	658	11
NuTech/G2 Gen	5F-399^	AM,B	MQ,P5V	99	221.1	18.6	1	31.2	661	10
Titan Pro	2M95-2P	VT2P,B	AC,P2	95	220.7	18.1	1	33.2	664	7
Dyna-Gro	CX14100	STX	AC,P5V	100	220.6	19.5	2	33.2	650	18
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	220.6	19.8	1	29.9	647	23
Kruger	K4R-9899	STX,B	AC,P5V	99	220.6	19.9	1	31.2	646	24
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100	219.5	19.1	1	33.2	651	15
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	219.5	19.9	1	33.2	643	29
Cornelius	C290XTLL	HXT	CM,C2	98	218.9	19.4	1	31.9	646	25
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	218.8	19.0	1	33.2	650	19
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	218.1	19.6	1	33.2	642	30
Renk	RK591GTCBLLRWBL^	3111A	CM,C2	99	217.9	18.6	1	31.9	651	16
Viking	D37-98RL	STX,B	AC,P5V	98	217.9	18.7	1	31.2	650	20
Champion	CSX49A15	None	CM,C2	99	217.8	18.2	1	33.2	655	12
Viking	51-95N	None	CM,C2	95	217.1	18.4	1	31.2	651	17
Renk	RK568VT3P	VT3P,B	AC,P2	95	216.7	18.5	1	31.9	648	21
Champion	CSX50A15SS	STX	AC,P5V	100	216.5	18.8	1	33.2	645	26
Kruger	K4R-9297	STX,B	AC,P5V	97	216.1	18.8	1	33.2	644	27
FS InVISION	FS 49TX1 RIB	STX,B	AC,P5V	99	215.8	18.3	1	33.2	648	22
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	214.3	18.2	1	31.9	644	28

*Corey Rozenboom*

Corey Rozenboom

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

Test Average = **214.9** **19.2** **1** **32.3** **636**

LSD (0.10) = 14.0 1.0 ns

LSD (0.25) = 9.7 0.7 ns

C.V. = 4.8 3.7

**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

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Report date: 11/3/2014 Revised:

2014 Corn Grain - Iowa North [ IANO ]



**Ultra Early-Season Test Products (66 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6202VT3PRIB	VT3P,B	AC,P5V	96	Renk	RK557SSTX	STX,B	AC,P2	95
AgriGold	A6217STX	STX	AC,P5V	97	Renk	RK568VT3P	VT3P,B	AC,P2	95
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	Renk	RK581SSTX	STX,B	AC,P2	100
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	Renk	RK591GTCBLLRWBLA 3111A	CM,C2		99
Champion	CSX49A15	None	CM,C2	99	Renk	RK596SSTX	STX	AC,P2	98
Champion	CSX50A15SS	STX	AC,P5V	100	Renk	RK605SSTX	STX	AC,P2	100
Channel	197-68STXRIB	STX,B	AC,P5V	97	Renze	3145SST	STX	CM,C2	100
Channel	199-29STXRIB	STX,B	AC,P5V	99	Spectrum	4655	None	CM,C2,St	96
Cornelius	C265SS	STX	AC,P5V	95	Titan Pro	1M96-3P	VT3P	AC,P2	96
Cornelius	C287SS	STX	AC,P5V	99	Titan Pro	2M95-2P	VT2P,B	AC,P2	95
Cornelius	C290XTLL	HXT	CM,C2	98	Titan Pro	TP 30-96	None	CM,C2	96
Cornelius	C297GTA	GT,A	CM,C2	99	Titan Pro	TP 30-99	None	CM,C2	99
Dairyland	DS9898RA	STX,B	CM,C2	98	Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100
Dairyland	DS9900SSX	STX	CM,C2	99	Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98
Dekalb	DKC47-35RIB GC	STX,B	AC,P5V	97	Viking	51-95N	None	CM,C2	95
Dekalb	DKC49-29RIB GC	STX,B	AC,P5V	99	Viking	57-01N	None	CM,C2	101
Dyna-Gro	CX14100	STX	AC,P5V	100	Viking	60-01N	None	CM,C2	101
Dyna-Gro	D39VP14	VT3P	AC,P5V	99	Viking	D37-98RL	STX,B	AC,P5V	98
Federal	4840SSTXRIB	STX,B	AC,P5V	98	Wyffels	W1698RIB	STX,B	AC,P5V	97
Federal	5050SSTAX	STX	AC,P5V	100	Wyffels	W1818	STX	AC,P5V	97
FS InVISION	FS 49TX1 RIB	STX,B	AC,P5V	99	Wyffels	W2308	STX	AC,P5V	100
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100					
Great Lakes	4879STXRIB	STX,B	AC,P5V	98					
Great Lakes	5015STXRIB	STX,B	AC,P5V	100					
Kruger	K4R-9196	STX,B	AC,P5V	96					
Kruger	K4R-9199	STX,B	AC,P5V	99					
Kruger	K4R-9297	STX,B	AC,P5V	97					
Kruger	K4R-9899	STX,B	AC,P5V	99					
LG Seeds	LG5460STX	STX	AC,P5V	97					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98					
NuTech/G2 Gen	5F-399^	AM,B	MQ,P5V	99					
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98					
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96					
Pfister	1695RA	STX,B	CM,C2	95					
Pfister	1740SS	STX	AC,P5	98					
Pfister	1780RA	STX,B	CM,C2	98					
Pfister	1785GT3000	3000GT	CM,C2	100					
Pfister	1821RA	STX,B	CM,C2	100					
Pioneer	P0062AMX GC	AMX,AQ,B	MQ,C2	100					
Pioneer	P9834AMX GC	AMX,B	MQ,C2	98					
Prairie Brand	1022RA	STX,B	CM,C2	101					
Prairie Brand	4995SX	STX	CM,C2	99					
Prairie Brand	971RA	STX,B	CM,C2	98					

## 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. VPMaax® 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®, VPMaax® 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)	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,RW,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.