

# 2014 Corn Grain Top 30 Harvest Report

Iowa North [ IANO ] PAULLINA  
 Mark Hibbing, O'Brien County, IA 51046



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

PREV. CROP/HERB: Soybean / Matador, Touchdown, Fusilade DX  
 SOIL DESCRIPTION: Galva silty clay loam, moderately drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: Mod. High P, mod. high K, 6.5 pH, 3% OM  
 PEST MANAGEMENT: Harness, Steadfast, Callisto, atrazine  
 FERTILITY - Applied N: 173 Spring  
 Applied N-P-K (units): 173-60-60  
 SEEDED - RATE - ROW: May 5 35,700 /A 30" spacing  
 HARVESTED - STAND: Nov 4 34,700 /A

## Ultra Early-Season Test

95 - 100 Day CRM

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## 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
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	<b>203.9</b>	17.1	1	35.2	623	1
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	<b>191.5</b>	15.8	1	35.8	596	2
Cornelius	C265SS	STX	AC,P5V	95	<b>188.6</b>	16.5	1	33.2	581	4
Renk	RK591GTCBLLRWBLA 3111A	CM,C2		99	<b>188.3</b>	15.6	1	35.2	588	3
FS InVISION	FS 50TV4 RIB	VT3P,B	AC,P2	100	<b>187.1</b>	16.3	2	35.8	578	5
Viking	57-01N	None	CM,C2	101	<b>186.1</b>	16.4	3	35.8	574	6
Kruger	K4R-9196	STX,B	AC,P5V	96	<b>185.5</b>	16.2	1	34.5	574	7
Pfister	1821RA	STX,B	CM,C2	100	<b>185.4</b>	16.4	1	35.2	572	8
Great Lakes	5015STXRIB	STX,B	AC,P5V	100	182.8	16.7	2	34.5	562	10
Channel	199-29STXRIB	STX,B	AC,P5V	99	181.3	15.6	1	35.8	566	9
Pioneer	P0062AMX GC	AMX,AQ,B	MQ,C2	100	181.2	16.3	1	34.5	560	11
Dairyland	DS9900SSX	STX	CM,C2	99	179.1	15.6	1	33.9	559	12
Renk	RK557SSTX	STX,B	AC,P2	95	178.9	15.9	1	34.5	556	13
Prairie Brand	4995SX	STX	CM,C2	99	177.8	15.5	1	31.9	556	14
Kruger	K4R-9899	STX,B	AC,P5V	99	177.8	16.8	1	33.2	546	18
Channel	197-68STXRIB	STX,B	AC,P5V	97	176.8	16.3	1	35.8	547	16
Dairyland	DS9898RA	STX,B	CM,C2	98	176.1	16.0	1	34.5	547	17
Pfister	1740SS	STX	AC,P5	98	176.0	15.6	1	34.5	550	15
Cornelius	C297GTA	GT,A	CM,C2	99	175.6	16.5	1	33.8	541	22
Dyna-Gro	D39VP14	VT3P	AC,P5V	99	175.2	16.6	1	35.2	539	24
Champion	CSX50A15SS	STX	AC,P5V	100	175.0	16.5	1	34.5	539	25
Renze	3145SST	STX	CM,C2	100	174.4	15.7	1	33.9	544	19
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	174.1	16.7	1	33.9	535	27
Pfister	1780RA	STX,B	CM,C2	98	173.8	16.0	1	35.8	540	23
Renk	RK568VT3P	VT3P,B	AC,P2	95	173.7	15.6	1	35.8	542	20
Federal	5050SSTAX	STX	AC,P5V	100	173.6	15.6	1	35.8	542	21
Great Lakes	4879STXRIB	STX,B	AC,P5V	98	173.4	16.4	1	34.5	535	28
Kruger	K4R-9297	STX,B	AC,P5V	97	172.2	15.6	1	35.2	538	26
Dekalb	DKC47-35RIB GC	STX,B	AC,P5V	97	171.4	16.3	1	35.8	530	30
Spectrum	4655	None	CM,C2,St	96	169.2	15.3	1	33.9	531	29

Corey Rozenboom

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Test Average = **170.3** **16.0** **1** **34.7** **528**

LSD (0.10) = 12.7 0.9 1

LSD (0.25) = 8.9 0.6 1

C.V. = 5.5 4.3

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

**Test Comments:** In spite of a 10-day cool period following planting, germination and stands were excellent. June rainfall totaled nearly 14". Saturated soils and many cooler than average days July through Sept slowed crop development and delayed maturity. Temperatures near freezing on Sept 12 may have impacted yields of later maturing hybrids. Ears were short and plant heights at harvest rarely exceeded 7 feet.

† 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: 11/5/2014 Revised:



## 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.