

# 2015 Corn Grain Top 30 Harvest Report

Iowa North [ IANO ] EMMETSBURG

Tom Quastad, Iowa Lakes Comm. College, Palo Alto County, IA 50536



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

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Nicollet-Clarion clay loam, mod. well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.3 pH, 4.4% OM  
 PEST MANAGEMENT: Breakfree NXT Lite, Realm Q, Headline AMP, Cobalt, Force  
 FERTILITY - Applied N: 150 Spring  
 Applied N-P-K (units): 150-52-82  
 SEEDED - RATE - ROW: May 4 36,900 /A 30" spacing  
 HARVESTED - STAND: Oct 5 35,800 /A

## Ultra Early-Season Test

101 - 106 Day CRM

B2015IANO02u

## Top 30 of 60

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVISION	FS 46TX1 RIB	STX,B	96	<b>255.3</b>	19.3	0	34.5	852	1
Dekalb	DKC49-72RIB GC	STX,B	99	<b>254.1</b>	20.0	0	36.5	842	2
Titan Pro	TP 58-95 SS	STX	95	<b>251.6</b>	19.7	0	37.2	836	4
NuTech/G2 Gen	5F-196^	AM,B	96	<b>251.4</b>	19.6	0	33.2	837	3
Great Lakes	4879STXRIB	STX,B	98	<b>251.1</b>	19.5	0	35.2	836	5
Wyffels	W1818RIB	STX,B	97	248.2	20.0	0	35.8	822	7
NuTech/G2 Gen	5F-198^	AM,B	98	246.5	18.3	0	35.8	832	6
Dekalb	DKC46-36RIB GC	STX,B	96	245.3	19.7	0	35.2	815	8
LG Seeds	LG5501VT2P	VT2P	100	245.0	20.0	0	36.5	812	10
Champion	CSX50A15VT2ProRIB	VT2P,B	100	244.9	20.2	0	33.9	809	11
Great Lakes	4548STXRIB	STX,B	95	243.9	19.4	0	35.2	813	9
Latham	LH4955VT2ProRIB	VT2P,B	99	243.9	19.9	0	35.8	809	12
Dyna-Gro	D40SS27RIB	STX,B	100	243.5	20.4	0	36.5	803	14
Curry	815-20AMX	AMX,B	95	241.8	19.2	0	34.5	808	13
Kruger	K4R-9199	STX,B	99	241.2	20.1	0	36.5	798	15
Titan Pro	TP 39-00 SS	STX,B	100	240.1	19.7	0	36.5	798	16
Titan Pro	TP 39-98 SS	STX,B	98	239.9	20.1	0	37.8	794	18
Champion	CSX51A16SS	STX	100	238.9	21.7	0	34.5	776	30
Latham	LH4729SS	STX	97	238.8	19.6	0	33.2	795	17
Kruger	K4R-9899	STX,B	99	237.6	20.2	0	35.8	785	21
Pfister	60B1	HXT,RR2	100	237.5	19.5	0	37.2	791	19
LG Seeds	LG5470STXRIB	STX,B	98	236.8	19.9	0	36.5	785	22
Latham	LH5054-3011A	3011,A	100	236.2	20.3	0	37.2	780	27
Cornelius	C287SS	STX	99	235.4	19.6	0	35.8	783	25
Federal	5050VT2PRIB	VT2P,B	100	234.8	19.2	0	37.2	785	23
Wyffels	W1698RIB	STX,B	97	233.2	18.3	0	37.2	787	20
Viking	89-99N	None,A	99	232.6	19.2	0	34.5	777	28
Viking	51-95N	None	95	231.7	18.1	0	34.5	784	24
Latham	LH4455VT3ProRIB	VT3P,B	94	231.4	18.8	0	35.8	777	29
Pfister	57A1	HXT,RR2	97	229.9	17.6	0	36.5	782	26

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

Averages =	<b>234.7</b>	<b>19.9</b>	<b>0</b>	<b>35.8</b>	<b>778</b>
LSD (0.10) =	14.4	1.5	0		
LSD (0.25) =	10.1	1.1	0		
C.V. =	4.5	5.7			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.5 Drying = \$0.038 Prices: GMO = \$3.50; non-GMO = \$3.50

**Test Comments:** Consistent periods of rainfall from planting through mid-August provided ideal conditions for plant establishment, vigor, ear formation and pollination. The 5.50" Aug 16-18 was enough moisture to carry the crop to maturity. At harvest, kernel depth was excellent and plant ear leaves occasionally were green. Northern corn leaf blight was found (low level) among hybrids but overall yields were excellent

† 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: 10/06/2015 Revised:

2015 Corn Grain - Iowa North [ IANO ]



Ultra Early-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Champion	CSX45A16VT2Pro	VT2P	CM,C2	95	Renk	RK544SSTX	STX,B	AC,P5V	95
Champion	CSX50A13SSRIB	STX,B	CM,C2	100	Renk	RK596SSTX	STX,B	AC,P5V	98
Champion	CSX50A15VT2ProRIB	VT2P,B	CM,C2	100	Titan Pro	TP 30-96	None	CM,C2	96
Champion	CSX51A16SS	STX	CM,C2	100	Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100
Channel	197-68STXRIB	STX,B	AC,P5V	97	Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98
Cornelius	C265SS	STX	AC,P5V	97	Titan Pro	TP 40-00	None	CM,C2	100
Cornelius	C287SS	STX	AC,P5V	99	Titan Pro	TP 50-99 A	None	CM,C2	99
Cornelius	C296	None	CM,C2	100	Titan Pro	TP 58-95 SS	STX	AC,P5V	95
Curry	815-20AMX	AMX,B	MQ,P5V,R	95	Viking	51-95N	None	CM,C2	95
Dekalb	DKC46-36RIB GC	STX,B	AC,P5V	96	Viking	89-99N	None,A	CM,C2	99
Dekalb	DKC48-12RIB GC	STX,B	AC,P5V	98	Viking	D37-98RL	STX,B	AC,P5V	98
Dekalb	DKC49-72RIB GC	STX,B	AC,P5V	99	Wyffels	W1528	STX	AC,P5V	95
Dyna-Gro	D37SS60	STX	AC,P5V	97	Wyffels	W1698RIB	STX,B	AC,P5V	97
Dyna-Gro	D40SS27RIB	STX,B	AC,P5V	100	Wyffels	W1818RIB	STX,B	AC,P5V	97
Federal	4760SSTAX	STX	AC,P2	97	Wyffels	W2308RIB	STX,B	AC,P5V	100
Federal	5050VT2PRIB	VT2P,B	AC,P2	100					
FS InVISION	FS 46TX1 RIB	STX,B	AC,P5V	96					
FS InVISION	FS 49TX1 RIB	STX,B	AC,P5V	99					
Great Lakes	4548STXRIB	STX,B	AC,P5V	95					
Great Lakes	4879STXRIB	STX,B	AC,P5V	98					
Kruger	K4R-9198	STX,B	AC,P5V	98					
Kruger	K4R-9199	STX,B	AC,P5V	99					
Kruger	K4R-9397	STX,B	AC,P5V	97					
Kruger	K4R-9899	STX,B	AC,P5V	99					
Latham	LH4455VT3ProRIB	VT3P,B	AC,P2	94					
Latham	LH4729SS	STX	AC,P5V	97					
Latham	LH4836-3122EZR	3122,B	CM,C2	98					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
Latham	LH4955VT2ProRIB	VT2P,B	AC,P2	99					
Latham	LH5054-3011A	3011,A	CM,C2,Vi	100					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5501VT2P	VT2P	AC,P5V	100					
NK Brand	N42Z-3111A	3111A	AVC,C2,Vi	99					
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V	96					
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98					
Pfister	1740RA	STX,B	CM,C5,Vi,In	98					
Pfister	56A1G3	3000GT	CM,C5,Vi,In	96					
Pfister	57A1	HXT,RR2	AC,P5V	97					
Pfister	60B1	HXT,RR2	AC,P5V	100					
Pioneer	P9703AMX GC	AMX,AQ,B	MQ,C2	97					
Pioneer	P9834AMX GC	AMX,B	MQ,C2	98					
Pioneer	P9917AMX GC	AMX,B	MQ,C2	99					
Prairie Brand	4895GT3	3000GT	CM,C5,Vi,In	98					
Prairie Brand	4995RA	STX,B	CM,C5,Vi,In	99					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIssect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

\*\* Seed treatments may include unspecified plant health promoting components.