

## 2016 Corn Grain Top 30 Harvest Report

Iowa North [ IANO ] OSAGE

Dale Hemann, Mitchell County, IA 50461



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

PREV. CROP/HERB: Soybean / Boundary, Sharpen, Flexstar GT  
 SOIL DESCRIPTION: Maxfield silty clay loam, well drained, non-irrigated  
 SOIL CONDITION: Minimum w/o fall till, high P, high K, 6.6 pH, 4.7% OM  
 PEST MANAGEMENT: Acuron, atrazine, Force 3G, Quilt Xcel, Warrior  
 FERTILITY - Applied N: 11 Fall, 150 Sidedress  
 Applied N-P-K (units): 161-35-50  
 SEEDING - RATE - ROW: Apr 25 36,000 /A 30" spacing  
 HARVESTED - STAND: Oct 3 34,800 /A

### Ultra Early-Season Test

95 - 100 Day CRM

B2016IANO06u

### 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
Wyffels	W2080	None	98	247.5	18.3	0	35.2	780	1
Dekalb	DKC48-56RIB GC	STX,B	98	245.6	20.0	0	33.2	761	3
NuTech/G2 Gen	5F-196^	AM,B	96	243.9	17.3	0	35.8	776	2
LG Seeds	LG5501VT2PRIB	VT2P,B	100	241.0	19.5	0	35.8	751	5
Kruger	K4R-9799	STX,B	99	240.2	18.4	0	35.8	756	4
LG Seeds	LG5499STXRIB	STX,B	100	239.7	20.2	0	35.8	742	10
Renk	RK596SSTX	STX,B	98	239.6	19.6	0	34.5	746	7
NuTech	5N-800	3011,A	100	238.3	19.9	3	35.2	739	12
Wyffels	W2198	STX	100	237.8	19.0	0	35.8	744	8
Federal	4770CONV	None	97	237.0	18.0	0	35.2	749	6
LG Seeds	LG5470STXRIB	STX,B	98	236.6	19.4	0	35.2	738	13
Renk	RK595SSTX	STX	99	236.5	19.5	0	34.5	737	14
FS InVISION	FS 46TX1 RIB	STX,B	96	236.1	18.4	0	30.5	743	9
Kruger	K4R-9296	STX,B	96	235.1	18.1	0	35.8	742	11
Latham	LH5099SS	STX	100	234.0	19.8	0	35.8	727	20
NuTech/G2 Gen	X5Y-9902^	OIX	99	233.6	19.2	0	35.2	730	18
Titan Pro	TP 54-98 2P	VT2P,B	98	233.2	18.6	0	35.8	733	16
Dekalb	DKC49-72RIB GC	STX,B	99	232.6	18.2	0	33.9	734	15
Renk	RK612SSTX	STX,B	100	232.6	20.8	0	33.9	715	29
Latham	LH4529SS	STX	95	232.5	19.1	0	35.8	727	21
NorthStar	NS96-103GENSS	STX	96	231.4	17.9	0	35.8	732	17
FS InVISION	FS 50VX1 RIB	STX,B	100	231.3	18.5	0	35.2	727	22
Cornelius	C262SS	STX	96	230.4	19.5	0	33.9	718	25
Titan Pro	TP 65-00 2P	VT2P,DG	100	229.6	18.3	0	35.8	723	23
Channel	197-68STXRIB	STX,B	97	229.5	19.5	0	35.8	715	30
Titan Pro	TP 58-95 SS	STX,B	95	229.1	19.1	0	34.5	716	27
Renk	RK608DGV2P	VT2P,DG	100	228.7	17.9	0	32.5	723	24
FS InVISION	FS 44TV1 RIB	VT2P,B	94	226.9	16.4	0	35.8	728	19
Wyffels	W1556	VT2P	95	225.3	17.3	0	35.2	717	26
Latham	LH4727VT2ProRIB	VT2P,B	97	223.8	16.7	0	35.2	716	28

Corey Rozenboom

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Averages = 226.6 18.7 0 34.8 711

LSD (0.10) = 11.7 1.3 ns

LSD (0.25) = 8.1 0.9 ns

C.V. = 3.8 Prev. years average yield, 195.3 bu/a, 1 yr

#### Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.25; non-GMO = \$3.25

**Test Comments:** Surface temperature reached 30 degrees May 14 but did not affect stands in the plot area. Moisture was abundant all season and the field drained well enough for plants to remain healthy and produce ears mostly 18 rows around. Kernel depth was excellent and test weights were high. Seasonal rainfall totals from planting through maturity was about 9.6" above the 30-yr average for this area.

† 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: 10/04/2016 Revised:

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**Ultra Early-Season Test Products (60 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Becks	4919V2P	VT2P	Es	99	Prairie Brand	5026RA	STX,B	CM,C5,Vi,In	100
Channel	197-68STXRIB	STX,B	AC,P5V	97	Renk	RK595SSTX	STX	AC,P5V	99
Channel	199-72STXRIB	STX,B	AC,P5V	99	Renk	RK596SSTX	STX,B	AC,P5V	98
Cornelius	C262SS	STX	AC,P5V	96	Renk	RK608DGV2P	VT2P,DG	AC,P2	100
Cornelius	C274	None	CM,C2	95	Renk	RK612SSTX	STX,B	AC,P5V	100
Cornelius	C296	None	CM,C2	100	Titan Pro	TP 54-98 2P	VT2P,B	AC,P2	98
Curry	XC-1600YHR	OI	MQ,P1V,R	100	Titan Pro	TP 58-95 SS	STX,B	AC,P5V	95
Dairyland	DS-9198RA	STX,B	CM,C5,Vi,In	98	Titan Pro	TP 65-00 2P	VT2P,DG	AC,P2	100
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99	Titan Pro	TP 68-98 SS	STX	AC,P5V	98
Dairyland	DS-9701RA	STX,B	CM,C2	101	Viking	58-98N	None	CM,C2	98
Dekalb	DKC46-36RIB GC	STX,B	AC,P5V	96	Viking	89-99N Art	None,A	CM,C2	99
Dekalb	DKC48-56RIB GC	STX,B	AC,P5V	98	Wyffels	W1556	VT2P	AC,P5V	95
Dekalb	DKC49-72RIB GC	STX,B	AC,P5V	99	Wyffels	W1846	VT2P	AC,P5V	97
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99	Wyffels	W2080	None	AC,P5V	98
Federal	4558SSTXRIB	STX,B	AC,P5V	95	Wyffels	W2198	STX	AC,P5V	100
Federal	4770CONV	None	AC,P5V	97					
Federal	5060VT2PRIB	VT2P,B	AC,P2	100					
FS InVISION	FS 44TV1 RIB	VT2P,B	AC,P2	94					
FS InVISION	FS 46TX1 RIB	STX,B	AC,P5V	96					
FS InVISION	FS 50VX1 RIB	STX,B	AC,P5V	100					
Kruger	K4R-9296	STX,B	AC,P5V	96					
Kruger	K4R-9799	STX,B	AC,P5V	99					
Latham	EX4989SS	STX,B	AC,P5V	99					
Latham	LH4529SS	STX	AC,P5V	95					
Latham	LH4727VT2ProRIB	VT2P,B	AC,P2	97					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
Latham	LH4955VT2ProRIB	VT2P,B	AC,P2	99					
Latham	LH5099SS	STX	AC,P5V	100					
LG Seeds	LG5467STX	STX	AC,P5V	97					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5501VT2PRIB	VT2P,B	AC,P5V	100					
NorthStar	NS100-464GENSSRIB	STX,B	AC,P5V	100					
NorthStar	NS100-531GENSS	STX	AC,P2	100					
NorthStar	NS96-103GENSS	STX	AC,P2	96					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V	96					
NuTech/G2 Gen	X5Y-9902^	OIX	MQ,P1V,R	99					
Pfister	1740RASS	STX,B	CM,C5,Vi,In	98					
Pfister	57A1SSR	STX,B	CM,C5,Vi,In	97					
Pfister	60B1SSR	STX,B	CM,C5,Vi,In	100					
Pioneer	P9526AMXT GC	AMXT,AQ,B	MQ,C2	95					
Pioneer	P9834AMX GC	AMX,B	MQ,C2	98					
Pioneer	P9929AMXT GC	AMXT,B	MQ,C2,Lu	99					
Prairie Brand	4895GT3	3000GT	CM,C5,Vi,In	98					

## 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. HPT® brand seed is distributed by Hoegemeyer Hybrids, 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®, HPT®, 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
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	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\*\*

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	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®
CM	CruiserMaxx® Corn	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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