

# 2016 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, non-irrigated  
 SOIL CONDITION: Minimum w/o fall till, mod. high P, mod. high K, 6.5 pH, 3% OM  
 PEST MANAGEMENT: Force 3G, Harness, Steadfast, Callisto, atrazine  
 FERTILITY - Applied N: 173 Spring  
 Applied N-P-K (units): 173-60-60  
 SEEDED - RATE - ROW: May 19 36,000 /A 30" spacing  
 HARVESTED - STAND: Oct 24 34,400 /A

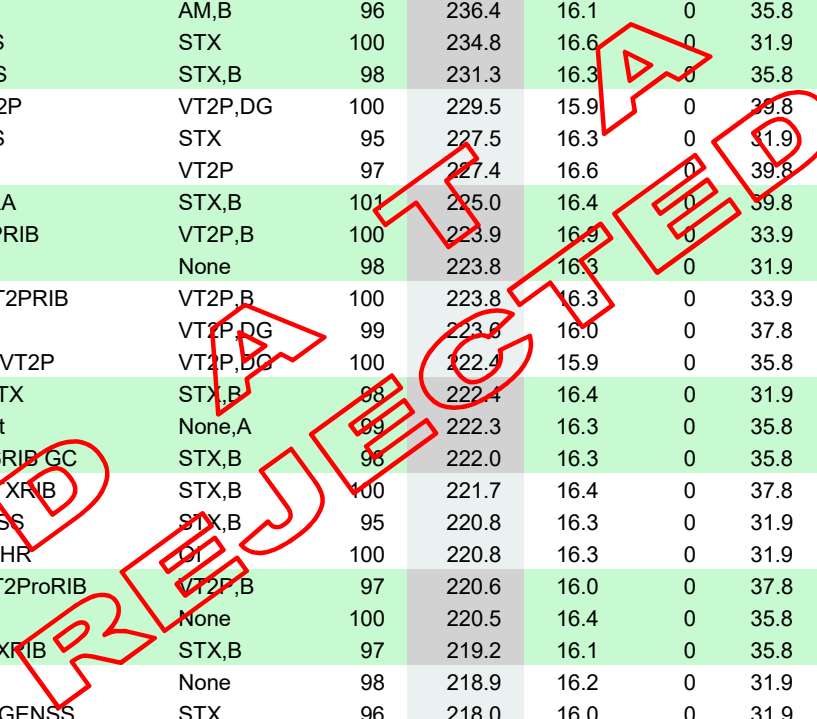
## Ultra Early-Season Test

95 - 100 Day CRM  
 B2016IANO01u

## Top 30 of 60

For Gross Income (Sorted by Yield)  
 Average of (1) Replication

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Federal	4770CONV	None	97	253.2	16.1	0	33.9	815	1
NorthStar	NS100-531GENSS	STX	100	242.3	16.6	0	33.9	776	2
Cornelius	C274	None	95	237.1	16.1	0	33.9	763	3
NuTech/G2 Gen	5F-196^	AM,B	96	236.4	16.1	0	35.8	760	4
Latham	LH5099SS	STX	100	234.8	16.6	0	31.9	752	5
Pfister	1740RASS	STX,B	98	231.3	16.3	0	35.8	743	6
Titan Pro	TP 65-00 2P	VT2P,DG	100	229.5	15.9	0	39.8	740	7
Latham	LH4529SS	STX	95	227.5	16.3	0	31.9	731	8
Wyffels	W1846	VT2P	97	227.4	16.6	0	39.8	728	9
Dairyland	DS-9701RA	STX,B	101	225.0	16.4	0	39.8	722	10
Federal	5060VT2PRIB	VT2P,B	100	223.9	16.9	0	33.9	715	15
Viking	58-98N	None	98	223.8	16.3	0	31.9	719	12
LG Seeds	LG5501VT2PRIB	VT2P,B	100	223.8	16.3	0	33.9	719	13
Dyna-Gro	D39DC43	VT2P,DG	99	223.8	16.0	0	37.8	720	11
Renk	RK608DGV2P	VT2P,DG	100	222.4	15.9	0	35.8	717	14
Renk	RK596SSTX	STX,B	98	222.4	16.4	0	31.9	713	17
Viking	89-99N Art	None,A	99	222.3	16.3	0	35.8	714	16
Dekalb	DKC48-56RIB GC	STX,B	96	222.0	16.3	0	35.8	713	18
LG Seeds	LG5499STXRIB	STX,B	100	221.7	16.4	0	37.8	711	19
Titan Pro	TP 58-95 SS	STX,B	95	220.8	16.3	0	31.9	709	21
Curry	XC-1600YHR	DT	100	220.8	16.3	0	31.9	709	22
Latham	LH4727VT2ProRIB	VT2P,B	97	220.6	16.0	0	37.8	710	20
Cornelius	C296	None	100	220.5	16.4	0	35.8	707	23
Channel	197-68STXRIB	STX,B	97	219.2	16.1	0	35.8	705	24
Wyffels	W2080	None	98	218.9	16.2	0	31.9	704	25
NorthStar	NS96-103GENSS	STX	96	218.0	16.0	0	31.9	702	26
Renk	RK595SSTX	STX	99	217.4	16.6	0	37.8	696	27
Pfister	60B1SSR	STX,B	100	216.2	16.1	0	35.8	696	28
Dairyland	DS-9599	3000GT	99	216.0	16.7	0	37.8	691	29
Kruger	K4R-9296	STX,B	96	215.3	16.4	0	31.9	691	30



 Corey Rozenboom corey.rozenboom@firstseedtests.com, (319) 830-8886	Averages =	<b>214.9</b>	<b>16.3</b>	<b>0</b>	<b>34.4</b>	<b>690</b>
	LSD (0.10) =	ns	ns	ns		
	LSD (0.25) =	ns	ns	ns		
	C.V. =				Prev. years average yield, 184.2 bu/a, 9 yrs	

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.25; non-GMO = \$3.25

**Test Comments:** *Planting in this area was very difficult due to wet weather. Like other area fields, this was planted into marginal conditions. 2.4" rain fell after planting. In this wet soil, seedlings suffered & stands were greatly reduced. Yield in all replications was reduced. The results shown above are from 1 partial rep, and does not include numerous water damaged hybrids. The results are not reliable. DO NOT USE.*

† 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: 10/25/2016 Revised:

2016 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
Becks	4919V2P	VT2P	Es	99					
Channel	197-68STXRIB	STX,B	AC,P5V	97					
Channel	199-72STXRIB	STX,B	AC,P5V	99					
Cornelius	C262SS	STX	AC,P5V	96					
Cornelius	C274	None	CM,C2	95					
Cornelius	C296	None	CM,C2	100					
Curry	XC-1600YHR	OI	MQ,P1V,R	100					
Dairyland	DS-9198RA	STX,B	CM,C5,Vi,In	98					
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99					
Dairyland	DS-9701RA	STX,B	CM,C2	101					
Dekalb	DKC46-36RIB GC	STX,B	AC,P5V	96					
Dekalb	DKC48-56RIB GC	STX,B	AC,P5V	98					
Dekalb	DKC49-72RIB GC	STX,B	AC,P5V	99					
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99					
Federal	4558SSTAXRIB	STX,B	AC,P5V	95					
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.