

2016 Corn Grain Top 30 Harvest Report

Iowa North [IANO] EMMETSBURG

Iowa Lakes Comm. College, Tom Quastad, 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 loam, mod. well drained, non-irrigated
 SOIL CONDITION: Minimum w/ fall till, mod. high P, high K, 7 pH, 4.4% OM
 PEST MANAGEMENT: Balance Flexx, atrazine, Force 3G, DiFlexx DUO, Laudis, Stratego
 FERTILITY - Applied N: 161 Spring
 Applied N-P-K (units): 161-63-103
 SEEDING - RATE - ROW: May 18 36,000 /A 30" spacing
 HARVESTED - STAND: Oct 21 35,400 /A

Ultra Early-Season Test

95 - 100 Day CRM

B2016IANO02u

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
Federal	4770CONV	None	97	263.6	17.5	0	35.2	837	1
NuTech/G2 Gen	5F-196^	AM,B	96	260.9	18.3	0	35.8	822	2
Titan Pro	TP 65-00 2P	VT2P,DG	100	258.4	17.6	0	35.2	820	3
Renk	RK608DGV2P	VT2P,DG	100	257.9	17.7	0	35.8	817	5
Dyna-Gro	D39DC43	VT2P,DG	99	257.3	17.6	0	35.8	816	6
Latham	LH4727VT2ProRIB	VT2P,B	97	256.5	17.0	0	35.8	818	4
LG Seeds	LG5499STXRIB	STX,B	100	256.3	18.5	0	35.8	806	9
Pioneer	P9929AMXT GC	AMXT,B	99	255.9	17.9	0	35.2	809	7
LG Seeds	LG5501VT2PRIB	VT2P,B	100	255.6	18.5	0	35.8	804	10
NorthStar	NS96-103GENSS	STX	96	254.8	17.6	0	30.5	808	8
Wyffels	W2080	None	98	254.7	18.2	0	35.8	803	11
Channel	197-68STXRIB	STX,B	97	252.6	18.3	0	35.2	796	13
Dekalb	DKC48-56RIB GC	STX,B	98	252.5	19.0	0	35.8	790	15
Titan Pro	TP 54-98 2P	VT2P,B	98	252.4	18.0	0	35.2	798	12
Prairie Brand	4895GT3	3000GT	98	251.4	18.9	0	35.8	788	16
FS InVISION	FS 46TX1 RIB	STX,B	96	249.9	18.9	0	35.2	783	19
Wyffels	W1556	VT2P	95	249.3	17.3	0	35.8	793	14
LG Seeds	LG5470STXRIB	STX,B	98	249.3	18.5	0	35.8	784	17
Renk	RK595SSTX	STX	99	249.0	18.4	0	35.8	784	18
Pfister	60B1SSR	STX,B	100	248.5	18.9	0	35.8	779	20
Prairie Brand	5026RA	STX,B	100	248.3	19.0	0	35.8	777	22
Federal	5060VT2PRIB	VT2P,B	100	247.2	18.3	0	35.8	779	21
Latham	LH5099SS	STX	100	246.9	18.9	0	35.8	774	26
Renk	RK612SSTX	STX,B	100	246.1	18.9	0	35.2	771	27
Becks	4919V2P	VT2P	99	244.5	17.6	0	35.8	776	23
Pioneer	P9834AMX GC	AMX,B	98	244.4	17.6	0	35.2	775	24
Cornelius	C296	None	100	243.1	17.7	0	35.8	770	28
Cornelius	C274	None	95	242.8	17.0	0	35.8	775	25
Kruger	K4R-9296	STX,B	96	242.7	17.7	0	35.8	769	29
FS InVISION	FS 44TV1 RIB	VT2P,B	94	240.3	16.7	0	35.8	769	30

Corey Rozenboom

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Averages = **242.4** **18.2** **0** **35.4** **765**

LSD (0.10) = 11.9 0.7 ns

LSD (0.25) = 8.3 0.5 ns

C.V. = 3.6 Prev. years average yield, 179.2 bu/a, 6 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 efforts overall were delayed in this area from early spring showers and poor soil drying conditions. Once in the ground though, emergence was excellent & steady showers throughout the season set up well for ear development, pollination and grain fill. Ears set kernels to the tip and test weights were good. Rainfall total from planting through maturity was about 5" above the area 30-yr avg.*

† 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: 10/22/2016 Revised:

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 Boreer	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.