

2018 Corn Grain Top 30 Performance Summary for Iowa North Central [IANC]



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

Early-Season Test

101 - 106 Day CRM

B2018IANCa

Top 30 of 60

For Gross Income (Sorted by Yield), (14) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Britt ‡	Iowa Falls			Plymouth	
				Bu/A ↓	%	%	\$/A	Rank		Greene	Osage	Waterloo		
Pioneer	P0306AM GC	AM,AQ,B	103	234.7	18.6	3	737	1	206.0	247.5	233.7	250.2	218.1	251.5
Hefty	H5522VT2P	VT2P	105	233.8	18.2	5	737	2	215.6	244.6	236.7	235.4	220.9	252.7
Cornelius	C385DP	VT2P	103	231.9	17.8	6	734	3	228.3	247.7	232.3	219.9	215.3	248.5
Pfister	64F1PE	PC,E	104	231.8	19.5	3	722	4	219.5	244.1	230.4	238.1	224.2	233.3
Kruger	K4R-9802	STX,B	102	230.3	19.1	3	720	6	244.1	228.7	202.6	233.4	210.9	234.4
Kruger	K4R-9706	STX,B	106	229.3	22.1	2	696	25	181.4	253.2	232.1	234.9	244.9	
Renk	RK604SSTX	STX	102	228.8	18.1	4	722	5	229.7	243.1	227.5	227.1	202.8	241.5
Viking	42-05	None	105	228.2	19.8	3	709	11	215.6	246.1	232.1	232.6	203.2	243.5
Titan Pro	TP 70-06	None	106	228.1	20.3	2	705	13	202.7	245.8	232.2	239.6	212.8	239.6
Latham	LH5487VT2Pro	VT2P	104	227.6	18.6	4	715	8	208.1	241.9	232.7	225.3	235.5	227.1
Latham	LH5245VT2ProRIB	VT2P,B	102	227.1	17.9	3	718	7	197.6	238.7	232.0	238.6	224.9	235.5
Champion	53A19SSRIB	STX	103	227.0	18.9	2	711	10	201.3	235.5	232.7	250.5	219.1	228.4
Kruger	K4R-9704	STX,B	104	226.8	19.1	3	709	12	229.7	241.6	232.8	227.4	213.2	221.9
Golden Harvest	G05K08-3010A	3010,A	105	226.6	18.1	5	715	9	215.8	233.4	232.9	230.9	221.1	231.9
NuTech/G2 Gen	E5FN-A604	OI	104	226.1	20.3	3	699	19	210.3	241.4	232.7	254.9	188.5	235.3
NuTech/G2 Gen	5F-504	AM,B	104	225.8	19.4	8	704	14	224.4	240.4	232.3	217.5	209.6	237.0
Cornelius	C478DP	VT2P	106	225.4	19.3	6	703	16	191.8	228.5	232.3	226.2	227.6	252.7
FS InVISION	FS 53ZX1 RIB	STX,B	103	225.2	19.2	2	704	15	238.0	215.5	232.3	232.1	211.3	229.0
LG Seeds	LG5525VT2RIB	VT2P,B	105	224.8	19.5	2	700	18	208.9	249.9	232.0	207.2	220.6	237.3
Wyffels	W4196RIB	VT2P,B	105	224.0	19.6	3	697	23	177.8	246.4	232.9	218.9	230.7	246.4
Latham	LH5505VT2ProRIB	VT2P,B	105	223.7	19.9	3	694	27	225.1	228.0	232.0	219.6	223.3	222.5
Pfister	66Y3PE	PC,E	106	223.7	20.0	15	693	30	171.0	233.3	232.1	242.8	212.8	258.6
Viking	51-04	None	104	222.6	18.8	18	698	20	197.9	233.9	232.0	221.3	229.8	230.2
NuTech/G2 Gen	5F-601	AM,AQ,B	101	221.9	18.8	3	696	26	222.8	236.1	232.9	218.6	199.8	232.2
Hefty	H5212VT2PRIB	VT2P,B	102	221.8	17.9	3	702	17	196.5	231.5	232.0	211.0	232.5	237.5
Titan Pro	82-04 2P	VT2P,B	104	221.7	18.4	6	698	21	187.6	239.5	208.6	231.0	213.1	237.4
Titan Pro	TP 40-03	None	103	221.2	18.9	16	693	31	203.0	239.8	212.7	218.3	212.2	232.6
FS InVISION	FS 51QX1 RIB	STX,B	101	221.0	18.2	5	697	24	216.8	231.7	156.8	228.5	208.4	219.8
Champion	56A18VT2ProRIB	VT2P,B	106	220.8	18.6	2	694	28	193.6	226.3	233.3	240.5	204.1	239.5
Champion	52A18VT2ProRIB	VT2P,B	102	220.1	18.3	3	694	29	180.3	247.6	194.4	226.6	195.5	250.6
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	224.8	20.0	3	697	22	222.6	240.5	231.1	225.9	208.8	226.1

Data Rejected - Not in Summary

Corey Rozenboom

Corey Rozenboom

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Averages =	219.9	19.1	5	688	202.3	233.1	215.3	222.0	212.1	230.2
LSD (0.10) =	11.1	0.6	4		16.4	9.0	35.7	10.9	11.5	13.3
LSD (0.25) =	5.8	0.3	2		8.6	4.7	18.7	5.7	6.0	7.0

Previous years average yield for region, 196.7 bu/a, 18 yrs

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

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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Report Date: 10/21/2018

Revised:

2018 Corn Grain Top 30 Performance Summary for Iowa North Central [IANC]



Full-Season Test

107 - 110 Day CRM

B2018IANCb

Top 30 of 60

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/A	Rank	Britt	Greene	Iowa Falls	Osage	Plymouth	Waterloo	
FS InVISION	FS 58G00	None	108	238.4	21.3	4	730	1	187.8	241.7	194.8	231.8	232.2	247.7	
NK Brand	NK0962-3220A-EZR	3220,A,B	109	235.9	22.1	2	716	4	165.9	218.6	188.5	239.1	227.1	258.8	
Viking	48-08	None	108	235.4	21.0	2	723	3	214.5	249.1	173.9	222.0	220.8	249.8	
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	234.5	22.2	5	711	6	208.5	223.8	191.4	245.7	231.9	236.7	
NuTech/G2 Gen	5FB-1010	AM,B	110	233.6	22.5	2	707	8	171.4	233.1	198.5	239.6	212.2	249.5	
Kruger	K0807SS	STX,B	108	232.9	21.7	2	710	7	208.5	234.6	208.5	230.3	227.4	239.4	
Champion	57A19VT2ProRIB	VT2P	107	232.2	19.4	7	724	2	208.5	230.3	208.5	219.9	231.8	246.7	
Champion	60A18VT2ProRIB	VT2P,B	110	232.0	21.1	3	712	5	208.5	225.1	208.5	236.8	230.3	235.6	
Pfister	2545RASS	STX,B	107	231.4	22.5	2	700	14	208.5	227.4	208.5	252.6	218.5	227.0	
Wyffels	W5516RIB	VT2P,B	108	231.1	21.8	5	704	10	208.5	243.8	208.5	236.8	207.5	236.4	
Champion	CSX59A16SSRIB	STX,B	109	230.6	22.0	2	701	12	208.5	224.9	208.5	240.7	223.9	232.9	
Latham	EX5917VT2Pro	VT2P	109	229.2	21.4	3	701	13	208.5	245.0	208.5	191.1	237.3	243.3	
Cornelius	C633DP	VT2P	110	229.0	21.8	2	698	15	208.5	239.3	208.5	237.8	214.3	224.4	
Renk	RK779SSTX	STX	108	228.8	22.6	2	691	24	208.5	230.7	208.5	233.4	224.7	226.4	
Legend	X0895	STX	108	228.8	22.6	3	691	25	208.5	230.5	208.5	235.5	219.2	229.9	
LG Seeds	LG58C77VT2PRO	VT2P	108	228.7	20.4	2	706	9	208.5	228.9	208.5	214.9	221.0	249.8	
Golden Harvest	G09A86-3000GT	3000GT	109	228.4	21.8	3	696	16	208.5	224.9	208.5	242.9	215.2	230.6	
FS InVISION	FS 60UX1 RIB	STX,B	110	228.1	23.3	2	685	28	208.5	236.8	208.5	237.8	216.5	221.2	
NuTech/G2 Gen	5FN-8808	OI	108	227.3	21.2	2	696	17	208.5	221.3	208.5	241.9	214.5	231.6	
Kruger	K4R-9608	STX,B	108	226.8	21.3	2	694	20	208.5	239.0	208.5	211.3	237.3	219.6	
Pioneer	P1197AM GC	AM,B	111	226.5	23.4	2	679	29	208.5	240.4	208.5	259.4	190.5	215.8	
Kruger	K1005DP	VT2P,B	110	226.0	23.2	3	679	30	208.5	233.7	208.5	226.2	200.1	244.1	
Wyffels	W6408	STX	110	225.6	23.0	4	679	31	208.5	228.8	208.5	215.9	210.2	247.6	
Hefty	H5922VT2P	VT2P	109	225.2	21.4	4	689	27	208.5	238.1	208.5	199.1	213.9	249.8	
Latham	LH5725VT2Pro	VT2P	107	224.6	18.8	4	704	11	208.5	232.2	208.5	220.3	206.8	238.9	
Titan Pro	TP 40-09	None	109	222.9	20.2	3	690	26	215.5	224.1	203.7	220.3	206.8	240.2	
Cornelius	C573DP	VT2P	108	222.2	19.0	2	695	19	208.5	234.9	208.5	211.7	196.3	245.8	
Epley	E1712SS	STX	107	222.1	19.2	3	694	21	228.2	219.0	176.8	213.3	202.8	253.1	
Renk	RK763VT2P	VT2P,B	108	221.0	18.9	2	692	23	169.1	239.4	218.4	213.0	213.4	218.0	
Viking	13-07	None	107	220.1	18.3	4	694	22	166.4	216.5	190.2	230.9	193.7	239.1	
Pioneer	P0589AMXT CK	AMXT,AQ,B	105	225.3	20.3	2	696	18	208.3	238.7	206.0	222.2	207.3	232.9	
				Averages =	222.4	21.4	3	680		196.7	226.0	196.0	223.7	209.0	231.0
				LSD (0.10) =	11.3	0.8	ns			26.0	8.2	36.9	11.4	10.9	11.6
				LSD (0.25) =	5.9	0.4	ns			13.6	4.3	19.4	6.0	5.7	6.1
										Previous years average yield for region, 196.7 bu/a, 18 yrs					

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Report Date: 10/21/2018

Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
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)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
A	Allegiance®	Es	Escalate®	R	Raxil®
AC	Acceleron® fungicide products	HC	Hefty Complete	Sa	Sativa™
AL2500	Alert 2500	In	Intego™ Solo	Se	Sebring™
At	Actellic®	L	Lorsban®	Sn	Senator™
AVC	Avicta® Complete Corn	Lu	Lumivia™	Sp	Spirato™
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®	SC	SHIELDCoat™
CE	Cruiser Xtreme®	MQ	Maxim Quattro®	V	Votivo®
CM	CruiserMaxx® Corn	None	untreated	Vi	Vibrance®

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