

2016 Corn Grain Top 30 Performance Summary for Iowa Northwest [IANW]



Early-Season Test

101 - 106 Day CRM

B2016IANWa

Top 30 of 72

For Gross Income (Sorted by Yield), (17) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Albert City	Lu Verne		Paullina‡		Remsen
				Bu/A ↓	%	%	\$/A	Rank	Emmetsburg	Moorland	Paullina‡			
NuTech/G2 Gen	5Z-503^	OI	103	254.5	18.3	0	802	1	269.3	262.7	248.3	245.0	254.9	246.9
NuTech/G2 Gen	5F-504^	AM,B	104	250.0	19.3	1	780	3	259.0	253.3	243.9	233.7	257.1	252.9
Curry	XC-1605YHR	OI	105	249.2	19.2	0	779	4	262.2	260.6	240.5	237.6	250.0	244.1
Champion	CSX54A17SS	STX	104	249.1	18.6	0	783	2	261.9	244.6	249.8	242.3	254.6	241.6
Kruger	K4R-9504	STX,B	104	247.8	18.8	0	777	6	256.5	254.0	241.5	232.1	253.0	249.7
Federal	5370SSTAX	STX	103	247.3	19.1	0	773	9	245.9	238.6	252.0	248.9	250.2	247.9
Titan Pro	TP 53-03 2P	VT2P,B	103	247.2	18.7	0	776	7	244.3	262.3	241.7	229.7	255.9	249.1
Becks	5513^	OIXT	105	246.9	18.9	0	774	8	270.9	251.7	240.0	228.0	248.0	243.0
Federal	5550SSTAXRIB	STX,B	105	246.9	20.1	0	765	17	269.6	235.9	241.0	249.5	233.4	252.1
Wyffels	W4796RIB	VT2P,B	106	246.8	19.2	0	771	11	248.4	256.0	244.9	230.2	245.1	256.3
Champion	CSX56A17VT2Pro	VT2P	106	246.5	18.1	3	778	5	252.5	259.6	247.6	241.7	234.2	243.5
Cornelius	C457SS	STX	105	246.2	19.9	0	764	20	264.2	257.1	237.6	229.7	239.8	248.6
Latham	EX5339SS	STX	103	245.8	19.4	0	766	16	248.4	262.7	239.4	253.6	232.5	237.9
Kruger	K4R-9802	STX,B	102	245.4	19.1	0	767	14	255.8	250.0	234.0	244.5	236.3	251.7
Jacobsen Seed	JS7205VT2PRO	VT2P	105	245.2	19.4	0	765	18	267.1	244.2	236.3	224.3	251.2	248.3
NuTech/G2 Gen	5K-702^	OIXT	102	244.8	18.7	0	768	13	264.6	241.4	235.0	227.0	253.9	247.0
Renk	RK717SSTX	STX	105	244.6	18.8	0	767	15	260.6	258.1	243.7	230.6	236.6	237.9
Channel	203-01STXRIB	STX,B	103	244.4	18.1	0	772	10	263.2	263.4	230.7	233.7	231.3	243.9
Pfister	65B1VX	HXT,RR2	105	244.3	19.8	0	759	22	273.7	248.3	236.4	230.0	236.5	241.0
Becks	5665AMX^	AMX,B	106	243.7	20.6	0	751	26	270.9	257.6	235.4	215.8	241.4	241.2
Wyffels	W3076	VT2P	102	243.4	18.0	0	769	12	259.4	259.2	225.5	222.9	239.4	254.2
Cornelius	C408DP	VT2P	104	243.2	18.5	0	765	19	241.9	248.3	237.0	243.2	238.3	250.5
Prairie Brand	5646SX	STX	106	242.8	19.8	0	754	25	270.1	246.2	231.6	232.5	235.8	240.6
Jacobsen Seed	JS7279VT2PRORIB	VT2P,B	103	242.7	19.1	0	759	23	238.3	268.3	236.8	230.3	237.3	245.4
Cornelius	C449DP	VT2P	105	242.0	18.6	0	760	21	243.5	244.0	240.0	230.7	247.3	246.3
Channel	205-19STXRIB	STX,B	105	241.7	18.8	0	758	24	256.8	253.2	235.9	233.6	222.0	248.6
Champion	CSX54A15VT2ProRIB	VT2P,B	104	239.3	19.3	0	747	29	251.9	269.8	224.4	223.3	225.9	240.3
Kruger	K4R-9305	STX,B	105	239.2	19.1	0	748	28	244.8	244.4	240.4	227.7	242.7	235.2
FS InVISION	FS 53UX1	STX	103	238.7	19.0	1	747	30	247.2	206.1	242.3	243.1	247.0	246.6
Epley	E1612SS	STX	106	238.6	18.7	4	749	27	243.1	245.3	222.5	239.5	253.7	227.3
Pioneer	P0570AMXT CK	AMXT,B	105	237.3	19.2	0	741	35	261.0	246.1	230.9	215.1	231.4	239.2

<p>Corey Rozenboom corey.rozenboom@firstseedtests.com, (319) 830-8886</p>	Averages =	236.2	18.9	0	740	246.4	243.8	229.3	224.8	236.1	237.1
	LSD (0.10) =	9.2	0.6	ns		12.2	14.5	12.0	18.2	18.4	10.0
	LSD (0.25) =	6.5	0.4	ns		8.5	10.1	8.3	12.7	12.8	7.0

Previous years average yield for region, 194.5 bu/a, 16 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.

Additional reports available at www.firstseedtests.com.

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Report Date: 10/25/2016

Revised:

2016 Corn Grain Top 30 Performance Summary for Iowa Northwest [IANW]



Full-Season Test
107 - 110 Day CRM
B2016IANWb

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For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Albert City		Lu Verne		Paullina	
				Bu/A	%	%	\$/A	Rank	Emmetsburg	Moorland	Paullina	Remsen		
Channel	209-53STXRIB	STX,B	109	257.0	20.6	0	792	1	254.4	265.9	250.5	257.1	240.2	257.0
Channel	210-26STXRIB	STX,B	110	256.1	21.1	0	785	3	252.4	255.9	248.6	257.2	251.9	266.6
Kruger	K4R-9608	STX,B	108	255.6	21.3	0	782	5	246.5	275.3	245.7	248.2	247.8	262.4
Kruger	K4R-9708	STX,B	108	255.3	21.6	0	779	8	251.9	264.3	267.8	240.3	246.5	252.2
Wyffels	W6198	STX	109	255.1	21.3	0	781	6	238.8	270.1	246.6	254.8	236.3	265.1
Champion	CSX57A16VT2ProRIB	VT2P,B	107	254.5	20.3	0	787	2	260.7	258.4	244.1	249.8	244.4	259.5
Dekalb	DKC60-67RIB GC	STX,B	110	253.9	20.5	0	783	4	256.4	271.4	244.1	247.2	243.8	250.4
Becks	6076V2P	VT2P,B	110	252.5	20.2	0	781	7	273.0	264.4	240.4	233.1	233.3	251.4
Augusta	A4658GT3110	3110	108	252.5	21.5	0	771	14	247.9	261.8	247.9	243.0	238.2	261.7
Latham	LH5965VT2Pro	VT2P	109	252.4	20.5	0	779	9	243.1	273.0	241.6	243.5	241.2	260.6
Dekalb	DKC58-06RIB GC	STX,B	108	251.5	20.3	0	777	10	258.3	261.6	241.4	239.4	238.4	256.9
Titan Pro	TP 66-10 2P	VT2P,B	110	251.3	20.6	0	775	12	256.1	260.3	250.4	240.6	248.3	249.3
Augusta	A1108VT2ProRIB	VT2P,B	108	250.3	20.8	0	770	15	250.9	257.9	249.0	239.5	241.7	254.0
Wyffels	W7106RIB	VT2P,B	110	249.9	19.8	0	776	11	257.9	269.2	230.9	245.1	241.1	246.4
Champion	CSX58A17Conv	None	108	249.8	20.3	0	772	13	256.5	271.8	221.2	254.3	241.0	245.2
Cornelius	C621SS	STX	110	249.7	21.0	0	767	19	247.5	261.6	244.3	248.3	248.8	246.7
NuTech/G2 Gen	5F-510^	AM,B	110	249.5	21.4	3	763	25	231.5	267.4	265.4	231.2	249.3	251.8
Channel	207-27STXRIB	STX,B	107	249.3	20.8	0	767	20	255.4	271.8	237.0	239.0	243.3	243.5
Legend	LR9509GENSSRIB	STX,B	109	249.1	20.6	0	768	18	245.1	266.6	229.3	247.9	241.8	256.6
Becks	5883SX	STX	108	249.0	20.2	0	770	16	242.8	255.9	235.8	250.7	241.1	259.7
LG Seeds	LG5548STXRIB	STX,B	108	249.0	21.0	0	764	24	251.7	267.0	246.8	235.3	241.6	244.1
Legend	LR9611GENSSRIB	STX,B	111	248.2	21.2	0	760	29	254.3	269.1	240.5	239.4	241.5	237.9
Renk	RK792SSTX	STX	108	247.9	21.0	0	761	27	261.2	257.6	235.0	234.1	238.1	251.6
Legend	LR9608GENSSRIB	STX,B	108	247.7	19.9	0	769	17	240.6	254.5	246.6	248.2	241.5	248.6
Renk	RK794DGV2P	VT2P,DG,B	108	247.6	20.1	0	767	21	251.3	260.0	235.2	242.6	241.6	248.7
Titan Pro	TP 59-08 SS	STX,B	108	246.9	19.9	0	766	22	253.2	241.8	246.4	245.1	245.8	248.0
Wyffels	W4968RIB	STX,B	107	246.9	20.0	0	765	23	251.6	261.5	236.4	236.7	259.8	248.4
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	246.6	20.5	0	761	28	244.4	263.9	232.7	248.1	231.2	243.8
Renk	6-798VT2P	VT2P,B	109	246.2	20.5	0	760	30	253.9	260.6	244.3	226.2	223.7	246.1
Jacobsen Seed	JS7503VT2PRORIB	VT2P,B	110	245.1	19.5	0	763	26	246.4	254.8	237.7	243.5	243.0	243.3
Pioneer	P0570AMXT CK	AMXT,B	105	240.1	19.9	0	745	54	260.0	249.6	229.4	220.0	232.0	241.5

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	LSD (0.10) =	9.2	1.0	ns		18.3	12.9	11.4	13.6	27.5	10.9
	LSD (0.25) =	6.4	0.7	ns		12.7	9.0	8.0	9.5	19.1	7.6

Previous years average yield for region, 194.5 bu/a, 16 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: 10/25/2016 Revised:

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®TRIssect (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	CE	Cruiser Extreme®	M	Maxim XL®
A	Allegiance®	CM	CruiserMaxx® Corn	MQ	Maxim Quattro®
AC	Acceleron® fungicide products	D	Dynasty®	None	untreated
ACHD	Acceleron® fungicide products	Es	Escalate®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
At	Actellic®	In	Intego™ Solo	R	Raxil®
AVC	Avicta® Complete Corn	L	Lorsban®	V	Votivo®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Lu	Lumivia™	Vi	Vibrance®

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