

2015 Corn Grain Top 30 Harvest Report

Iowa Northwest [IANW] EMMETSBURG
Tom Quastad, Iowa Lakes Comm. College, Palo Alto County, IA 50536



PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Nicollet-Clarion clay loam, mod. well drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.3 pH, 4.4% OM
PEST MANAGEMENT: Breakfree NXT Lite, Realm Q, Headline AMP, Cobalt, Force
FERTILITY - Applied N: 150 Spring
Applied N-P-K (units): 150-52-82
SEEDING - RATE - ROW: May 4 36,900 /A 30" spacing
HARVESTED - STAND: Oct 5 35,400 /A

Early-Season Test
101 - 106 Day CRM
B2015IANW05a

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
NuTech/G2 Gen	5Z-504^	OI	104	273.9	23.3	0	36.5	873	2
NuTech/G2 Gen	5F-002^	AM,B	102	271.3	21.2	0	37.2	886	1
Viking	D52-05RL	STX,B	105	263.1	22.4	0	35.2	848	3
Titan Pro	TP 56-06 3110	3110	106	262.9	24.7	0	34.5	825	6
Jacobsen Seed	JS9266SSRIB	STX,B	103	262.2	23.4	0	36.5	835	4
Cornelius	C449DP	VT2P	105	257.9	23.2	0	35.8	823	7
Renk	RK712SSTX	STX,B	106	257.9	24.7	0	37.2	809	12
Kruger	K4R-9901	STX,B	101	257.4	22.1	0	36.5	832	5
Wyffels	W4796RIB	VT2P,B	106	256.7	23.5	0	34.5	817	8
Champion	CSX54B15	none	104	256.2	24.1	0	35.8	809	13
Curry	XC-1501CYXR	OIXT	101	255.5	23.1	0	33.9	817	9
Latham	LH5659SSRIB	STX,B	106	254.6	23.6	0	34.5	809	14
LG Seeds	LG5523STXRIB	STX,B	105	254.1	22.6	0	36.5	817	10
Titan Pro	TP 40-03	None	103	253.2	22.7	0	34.5	813	11
Kruger	K4R-9406	STX,B	106	253.1	23.9	0	35.8	801	20
Wyffels	W3358RIB	STX,B	103	252.2	23.2	0	37.2	805	16
LG Seeds	LG5507STX	STX	103	251.6	23.2	0	35.2	803	18
NuTech/G2 Gen	5X-806^	HXT,RR2	106	250.5	23.9	0	35.8	793	26
Pioneer	P0193AMX GC	AMX,B	101	250.1	22.8	0	35.2	802	19
Titan Pro	TP 53-03 2P	VT2P	103	249.8	23.1	0	32.5	798	23
Dekalb	DKC54-38RIB GC	STX,B	104	249.7	22.2	0	35.2	807	15
Dekalb	DKC55-20RIB GC	STX,B	105	249.5	23.4	0	35.8	795	25
FS InVISION	FS 54ZX1 RIB	STX,B	104	249.3	22.6	0	34.5	801	21
Pioneer	P0448AM1 GC	AM1,B	104	248.3	22.7	0	33.9	797	24
Kruger	K4R-9304	STX,B	105	247.8	23.0	0	37.2	793	27
FS InVISION	FS 52ZX1 RIB	STX,B	102	247.2	23.0	0	34.5	791	29
Renk	RK666SSTX	STX,B	102	247.0	21.4	0	34.5	805	17
Dekalb	DKC52-84RIB GC	STX,B	102	246.5	21.9	0	33.9	799	22
Kruger	K4R-9305	STX,B	105	245.7	22.4	0	35.2	792	28
Wyffels	W2308RIB	STX,B	100	237.7	19.9	0	36.5	788	30
Pioneer	P0591AMX CK	AMX,B	105	233.4	25.8	3	33.9	722	55
Averages =				246.0	23.6	1	35.4	781	
LSD (0.10) =				14.8	1.8	5			
LSD (0.25) =				10.3	1.3	3			
C.V. =				4.4	5.7				

Corey Rozenboom

Corey Rozenboom
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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.5 Drying = \$0.038 Prices: GMO = \$3.50; non-GMO = \$3.50

Test Comments: *Consistent periods of rainfall from planting through mid-August provided ideal conditions for plant establishment, vigor, ear formation and pollination. The 5.50" Aug 16-18 was enough moisture to carry the crop to maturity. At harvest, kernel depth was excellent and plant ear leaves occasionally were green. Northern corn leaf blight was found (low level) among hybrids but overall yields were excellent*

† 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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 PEST MANAGEMENT: Breakfree NXT Lite, Realm Q, Headline AMP, Cobalt, Force
 FERTILITY - Applied N: 150 Spring
 Applied N-P-K (units): 150-52-82
 SEEDED - RATE - ROW: May 4 36,900 /A 30" spacing
 HARVESTED - STAND: Oct 5 35,400 /A

Full-Season Test

107 - 110 Day CRM

B2015IANW05b

Top 30 of 66

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
LG Seeds	LG5548STXRIB	STX,B	109	279.1	27.0	0	36.5	851	5
Channel	207-27STXRIB	STX,B	107	278.7	25.1	0	35.2	870	1
Champion	CSX59A16SSRIB	STX,B	109	276.7	26.1	0	35.2	853	4
NuTech/G2 Gen	5Z-308^	OI	108	275.4	27.1	0	34.5	839	7
Kruger	K4R-9708	STX,B	108	272.0	24.4	0	35.8	856	3
NuTech/G2 Gen	5F-709^	AM,B	109	271.4	26.7	0	35.2	831	11
Channel	209-53STXRIB	STX,B	109	271.4	27.8	0	36.5	820	16
Pfister	68A1	HXT,RR2	109	267.6	29.1	0	34.5	795	22
Titan Pro	2M08-2P	VT2P,B	108	267.1	21.5	0	35.8	870	2
Renk	RK752SSTX	STX,B	108	265.8	24.7	0	35.8	834	9
Pfister	67A1	HXT,RR2	107	265.8	25.9	0	36.5	822	15
Great Lakes	5755STXRIB	STX,B	107	265.4	25.4	0	35.8	825	14
Wyffels	W4968RIB	STX,B	107	264.9	23.3	0	32.5	845	6
Latham	LH5715VT2ProRIB	VT2P,B	107	264.1	26.1	0	35.8	814	18
Cornelius	C621SS	STX	110	263.4	27.9	0	34.5	794	23
Champion	CSX58A13VT2ProRIB	VT2P,B	108	262.2	24.2	0	33.2	827	13
Titan Pro	1071	None	107	261.6	23.3	8	34.5	834	10
Renk	RK810SSTX	STX	109	261.5	27.6	0	36.5	792	24
Viking	49-09N	None	109	260.7	23.4	0	37.2	830	12
Latham	LH5939SS	STX	109	260.3	22.4	0	36.5	839	8
LG Seeds	LG5565STXRIB	STX,B	108	258.9	24.2	0	35.2	817	17
Titan Pro	2M07-SS	STX,B	107	258.9	28.0	0	34.5	780	30
Federal	5840VT2PRIB	VT2P,B	108	258.3	25.2	0	36.5	805	20
Dekalb	DKC60-67RIB GC	STX,B	110	258.3	27.6	0	33.9	782	28
Pfister	X12546S2R4	STX,B	107	256.5	26.2	0	35.8	790	25
Dekalb	DKC57-75RIB GC	STX,B	107	255.9	24.2	0	37.2	807	19
Prairie Brand	5825RA	STX,B	108	254.0	24.7	0	35.8	797	21
Cornelius	C574SS	STX	107	253.6	26.0	0	37.8	783	27
Curry	727-33AM	AM,AQ,B	107	249.1	24.2	0	33.2	786	26
Wyffels	W5138RIB	STX,B	108	247.7	24.3	0	36.5	781	29
Pioneer	P0591AMX CK	AMX,B	105	236.1	26.1	0	32.5	728	46
Averages =				252.2	27.4	1	35.4	766	
LSD (0.10) =				17.9	3.4	6			
LSD (0.25) =				12.5	2.4	4			
C.V. =				5.2	9.2				

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Early-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Champion	CSX53A15SSRIB	STX,B	CM,C2	103	Renk	RK633SSTX	STX,B	AC,P5V	101
Champion	CSX54A15VT2ProRIB	VT2P,B	CM,C2	104	Renk	RK666SSTX	STX,B	AC,P5V	102
Champion	CSX54B15	none	CM,C2	104	Renk	RK699SSTX	STX,B	AC,P5V	105
Champion	CSX56A13VT2Pro	VT2P	CM,C2	106	Renk	RK712SSTX	STX,B	AC,P5V	106
Channel	205-19STXRIB	STX,B	AC,P5V	105	Titan Pro	TP 31-01 3011A	3011A	AVC,C5	101
Cornelius	C380SS	STX	AC,P5V	104	Titan Pro	TP 40-03	None	CM,C2	103
Cornelius	C449DP	VT2P	AC,P2	105	Titan Pro	TP 53-03 2P	VT2P	AC,P2	103
Cornelius	C457SS	STX	AC,P5V	105	Titan Pro	TP 56-06 3110	3110	AVC,C5	106
Curry	XC-1501CYXR	OIXT	MQ,P1V,R	101	Viking	30-06N	None	CM,C2	106
Curry	XC-1506	OI	MQ,P1V,R	106	Viking	72-04N	None	CM,C2	104
Dekalb	DKC52-84RIB GC	STX,B	AC,P5V	102	Viking	D52-05RL	STX,B	AC,P5V	105
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104	Wyffels	W2276RIB	VT2P,B	AC,P5V	100
Dekalb	DKC55-20RIB GC	STX,B	AC,P5V	105	Wyffels	W2308RIB	STX,B	AC,P5V	100
FS InVISION	FS 51TX1 RIB	STX,B	AC,P5V	101	Wyffels	W3358RIB	STX,B	AC,P5V	103
FS InVISION	FS 52ZX1 RIB	STX,B	AC,P5V	102	Wyffels	W4796RIB	VT2P,B	AC,P2	106
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104					
FS InVISION	FS 56VX1 RIB	STX,B	AC,P5V	106					
Great Lakes	5283STXRIB	STX,B	AC,P5V	102					
Great Lakes	5470STXRIB	STX,B	AC,P5V	104					
Jacobsen Seed	JS7279VT2PRO	VT2P	AC,P5V	103					
Jacobsen Seed	JS9266SSRIB	STX,B	AC,P5V	103					
Kruger	K4R-9304	STX,B	AC,P5V	105					
Kruger	K4R-9305	STX,B	AC,P5V	105					
Kruger	K4R-9406	STX,B	AC,P5V	106					
Kruger	K4R-9901	STX,B	AC,P5V	101					
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102					
Latham	LH5259SSRIB	STX,B	AC,P5V	102					
Latham	LH5509SSRIB	STX,B	AC,P5V	105					
Latham	LH5659SSRIB	STX,B	AC,P5V	106					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5507STX	STX	AC,P5V	103					
LG Seeds	LG5523STXRIB	STX,B	AC,P5V	105					
NuTech/G2 Gen	5F-002^	AM,B	MQ,P5V	102					
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106					
NuTech/G2 Gen	5Z-504^	OI	MQ,P1V	104					
NuTech/G2 Gen	5Z-906^	OI	MQ,P1V	106					
Pfister	2385	HXT,RR2	CM,C5,Vi,In	104					
Pfister	2447RA	STX,B	CM,C5,Vi,In	106					
Pfister	65B1	STX	CM,C5,Vi,In	105					
Pioneer	P0193AMX GC	AMX,B	MQ,C2	101					
Pioneer	P0448AM1 GC	AM1,B	MQ,C2	104					
Pioneer	P0591AMX CK	AMX,B	MQ,C2	105					
Prairie Brand	5236SX	STX	CM,C5,Vi,In	102					
Prairie Brand	5385SX	STX	CM,C5,Vi,In	103					
Prairie Brand	5646SX	STX	CM,C5,Vi,In	106					

2015 Corn Grain - Iowa Northwest [IANW]



Full-Season Test Products (66 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A4658GT3110	3110	AC,P2	108	Pioneer	P0969AMXT GC	AMXT,B	MQ,C2	109
Augusta	A5658GTCBLL	GT/CB/LL	CM,C1	108	Pioneer	P0987AMX GC	AMX,B	MQ,C2	109
Champion	CSX57A16VT2Pro	VT2P	CM,C2	107	Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	107
Champion	CSX58A13VT2ProRIB	VT2P,B	CM,C2	108	Prairie Brand	5825RA	STX,B	CM,C5,Vi,In	108
Champion	CSX59A16SSRIB	STX,B	CM,C2	109	Prairie Brand	6056SX	STX	CM,C5,Vi,In	110
Champion	CSX60A13VT2ProRIB	VT2P,B	CM,C2	110	Renk	RK752SSTX	STX,B	AC,P5V	108
Channel	207-27STXRIB	STX,B	AC,P5V	107	Renk	RK776SSTX	STX,B	AC,P5V	107
Channel	209-53STXRIB	STX,B	AC,P5V	109	Renk	RK791SSTX	STX,B	AC,P5V	108
Cornelius	C574SS	STX	AC,P5V	107	Renk	RK810SSTX	STX	AC,P5V	109
Cornelius	C576SS	STX	AC,P5V	108	Rob-See-Co	Innotech IC5736^	3111A	AVC,C2,Vi	109
Cornelius	C621SS	STX	AC,P5V	110	Rob-See-Co	Innotech IC5794^	3111	AVC,C2,Vi	107
Curry	727-33AM	AM,AQ,B	MQ,P5V,R	107	Rob-See-Co	Innotech IC5831^	3111	AVC,C2,Vi	108
Curry	729-96AM	AM,B	MQ,P5V,R	109	Titan Pro	1071	None	CM,C2	107
Dekalb	DKC57-75RIB GC	STX,B	AC,P5V	107	Titan Pro	2M07-SS	STX,B	AC,P5V	107
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	Titan Pro	2M08-2P	VT2P,B	AC,P2	108
Federal	5840VT2PRIB	VT2P,B	AC,P2	108	Titan Pro	TP 59-08 SS	STX	AC,P5V	108
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	Viking	49-09N	None	CM,C2	109
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108	Wyffels	W4968RIB	STX,B	AC,P5V	107
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	Wyffels	W5138RIB	STX,B	AC,P5V	108
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	Wyffels	W5448RIB	STX,B	AC,P5V	108
Great Lakes	5918STXRIB	STX,B	AC,P5V	109	Wyffels	W6818	STX	AC,P5V	110
Jacobsen Seed	JS9306SSRIB	STX,B	AC,P5V	106					
Jacobsen Seed	JS9468SSRIB	STX,B	AC,P5V	108					
Kruger	K4R-9511	STX,B	AC,P5V	111					
Kruger	K4R-9708	STX,B	AC,P5V	108					
Kruger	K4R-9910	STX,B	AC,P5V	110					
Kruger	K4R-9911	STX,B	AC,P5V	111					
Latham	LH5715VT2ProRIB	VT2P,B	AC,P2	107					
Latham	LH5829SSRIB	STX,B	AC,P5V	108					
Latham	LH5939SS	STX	AC,P5V	109					
Latham	LH5947VT3ProRIB	VT3P,B	AC,P2	109					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110					
NK Brand	N66V-3000GT GC	3000GT	AVC,C5,Vi	110					
NuTech	5N-410	3000GT	MQ,P5V	110					
NuTech	5N-607	3000GT	MQ,P5V	107					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V	110					
NuTech/G2 Gen	5F-709^	AM,B	MQ,P5V	109					
NuTech/G2 Gen	5Z-308^	OI	MQ,P1V	108					
Pfister	2565SS	STX,B	CM,C5,Vi,In	108					
Pfister	67A1	HXT,RR2	CM,C5,Vi,In	107					
Pfister	68A1	HXT,RR2	CM,C5,Vi,In	109					
Pfister	X12546S2R4	STX,B	CM,C5,Vi,In	107					
Pioneer	P0591AMX CK	AMX,B	MQ,C2	105					

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. 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®, 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
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	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**

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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