

2014 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] COLUMBUS
Paul Wilke, Platte County, NE 68601



Test by: Dozier Ag Research Services, LLC, Dunbar, NE

PREV. CROP/HERB: Corn / Degree Xtra, Roundup
SOIL DESCRIPTION: Muir silt loam, well drained, conventional w/ fall till, irrigated
SOIL CONDITION: Mod. High P, mod. high K, 6.6 pH, 3% OM
PEST MANAGEMENT: Degree Xtra, Roundup, Stratego YLD, Aztec
FERTILITY - Applied N: 250 Spring
Applied N-P-K (units): 250-0-0
SEEDED - RATE - ROW: Apr 23 36,800 /A 30" spacing
HARVESTED - STAND: Oct 25 35,600 /A

Early-Season Test
105 - 110 Day CRM
B2014NENE01a

Top 30 of 42
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Augusta	A4658GT3110	3110	CM,C5	108	259.9	15.2	4	35.2	830	2
Curry	830-39AMX	AMX,AQ,B	MQ,P5V,R	110	259.8	16.8	1	35.8	820	4
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	259.7	14.9	1	35.8	831	1
LG Seeds	LG5603STX	STX	AC,P5V	110	259.3	15.9	1	33.5	824	3
Renk	RK776SSTX	STX,B	AC,P2	107	257.5	17.7	1	35.5	807	6
Channel	209-53STXRIB GC	STX,B	AC,P5V	109	255.5	15.7	2	38.1	813	5
Prairie Brand	5815SX	STX	CM,C2	107	252.4	15.5	3	34.8	805	7
Dyna-Gro	D50SS43	STX	AC,P5V	111	252.0	16.4	1	36.5	798	8
Mycogen	2G685	3000GT	CM,C2	109	250.3	15.8	1	34.2	796	10
AgriGold	A6442STXRIB	STX,B	AC,P5V	109	249.6	16.8	1	35.5	787	13
Renk	RK791SSTX	STX,B	AC,P2	108	249.4	14.1	1	35.5	798	9
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	248.9	16.1	1	33.9	790	11
Pioneer	P0987AM GC	AM,B	MQ,P1V	109	248.9	16.7	1	35.2	786	14
Channel	205-19STXRIB GC	STX,B	AC,P5V	105	248.0	15.7	1	33.2	789	12
NuTech/G2 Gen	5Z-510^	OI	MQ,P1V,R	110	247.6	18.6	1	34.8	770	22
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	247.4	17.0	2	36.1	779	16
Fontanelle	08A544	STX,B	AC,P5V	108	245.2	16.2	1	37.1	777	19
Augusta	A5658GT3000	3000GT	CM,C2	108	244.8	18.4	1	35.8	763	24
Fontanelle	11A224	STX,B	AC,P5V	110	244.7	17.0	1	34.5	771	21
Titan Pro	TP 39-09 SS	STX,B	AC,P5V	109	244.5	15.8	4	37.5	778	17
Legend	9405GENSS	STX	CM,C2	105	243.7	14.5	1	34.2	780	15
Fontanelle	06A794	STX,B	AC,P5V	106	243.1	14.7	1	36.5	778	18
Pioneer	P0636AM GC	AM,AQ,B	MQ,P1V,R	106	242.4	18.6	1	35.2	754	25
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	242.2	14.9	4	37.8	775	20
Heine	790STX	STX	AC,P5V	107	241.2	18.0	1	34.8	754	26
Prairie Brand	1085GT3	3000GT	CM,C2	109	240.3	15.9	1	33.9	764	23
Heine	839VT2PRO	VT2P	AC,P2	111	240.2	18.0	1	34.2	751	28
Dyna-Gro	D49VP88	VT3P	AC,P5V	109	239.9	17.2	1	37.5	754	27
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	234.1	15.8	1	36.1	744	29
Titan Pro	2M07-SS	STX,B	AC,P5V	107	232.2	14.6	1	35.8	743	30
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	233.7	17.0	1	34.2	736	32

Test Average = **241.0** 16.4 1 35.6 762

LSD (0.10) = 17.2 1.8 ns

LSD (0.25) = 12.0 1.3 ns

C.V. = 5.3 8.1

Tim Dozier

tim.dozier@firstseedtests.com, (402) 616-6170

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.20}{\$3.20}$ Local GMO non-GMO

Test Comments: *This corn on corn irrigated site was planted into very dry conventional tillage conditions. No significant rain had fallen since previous year fall tillage to make unfavorable planting conditions. Early rains brought very good emergence, but frost damage occurred in mid-May. June brought plentiful rainfall which continued through harvest. Cool July and August temperatures slowed crop maturation.*

† 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: 10/26/2014 Revised:

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 SOIL CONDITION: Mod. High P, mod. high K, 6.6 pH, 3% OM
 PEST MANAGEMENT: Degree Xtra, Roundup, Stratego YLD, Aztec
 FERTILITY - Applied N: 250 Spring
 Applied N-P-K (units): 250-0-0
 SEEDED - RATE - ROW: Apr 23 36,800 /A 30" spacing
 HARVESTED - STAND: Oct 25 35,700 /A

Full-Season Test

111 - 114 Day CRM

B2014NENE01b

Top 30 of 42

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P1257AM GC	AM,B	MQ,P1V,R	112	272.8	17.1	1	36.5	859	1
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	269.0	18.5	1	36.8	837	2
Curry	733-13AM	AM,AQ,B	MQ,P5V,R	113	266.8	17.9	1	36.5	834	3
Pioneer	P1498AM GC	AM,AQ,B	MQ,P1V,R	114	266.1	18.2	1	36.5	830	4
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	262.4	18.6	2	36.8	816	6
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	259.7	19.0	1	36.1	805	8
Renk	RK898SSTX	STX	AC,P2	113	259.1	17.7	1	33.8	812	7
AgriGold	A6492STX	STX	AC,P5V	111	258.7	15.7	1	34.2	823	5
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	257.7	18.2	2	37.1	804	9
Channel	211-35STXRIB	STX,B	AC,P5V	111	255.0	17.5	1	33.2	800	10
Curry	XC-1412CYXR	OIXT	MQ,P1V,R	112	253.8	18.4	2	33.2	791	13
Renk	RK860VT3P	VT3P,B	AC,P2	111	252.9	16.5	1	35.2	800	11
Heine	842VT3PRO	VT3P	AC,P2	111	252.6	19.3	1	34.5	781	16
LG Seeds	LG5612STX	STX	AC,P5V	112	251.1	16.8	1	36.8	792	12
Renk	RK941SSTX	STX,B	AC,P2	114	250.0	19.6	1	35.5	771	17
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	249.9	17.4	1	36.1	785	14
Titan Pro	2M14-SS	STX,B	AC,P5V	114	248.9	19.4	1	36.5	769	18
Legend	9512VT2PRIB	VT2P,B	CM,C2	112	248.7	19.3	1	34.2	769	19
Channel	211-24STXRIB	STX,B	AC,P5V	111	247.8	16.7	1	37.5	782	15
Augusta	A4564GENSS	STX	AC,P5V	114	247.4	19.2	1	37.8	766	23
Prairie Brand	6305RA	STX,B	CM,C2	113	245.7	18.0	1	36.5	768	21
Renk	RK890SSTX	STX,B	AC,P2	113	245.5	17.7	1	35.2	769	20
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	245.0	19.6	1	34.5	756	24
Legend	9112GENSS	STX	CM,C2	112	242.8	16.7	1	35.5	767	22
Heine	850VT3PRO	VT3P	AC,P2	112	242.1	18.6	4	34.5	753	25
Heine	854VT2PRO	VT2P	AC,P2	112	242.1	18.8	1	37.5	752	26
Heine	852VT3PRORIB	VT3P,B	AC,P2	112	239.5	17.4	1	36.1	752	27
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	237.9	18.7	1	36.8	739	30
NuTech/G2 Gen	X5Z-1209^	OI	MQ,P1V,R	112	236.3	16.5	1	32.5	747	28
Prairie Brand	1121RA	STX,B	CM,C2	112	233.2	15.0	2	35.8	746	29
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	225.9	16.3	1	35.2	716	37

Test Average = **243.5** 17.8 2 35.7 762

LSD (0.10) = 14.1 1.6 2

LSD (0.25) = 9.8 1.1 2

C.V. = 4.3 6.8

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Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. 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®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
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)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIsect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

A	Allegiance®	L	Lorsban®
AC	Acceleron® 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® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

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