

2014 Corn Grain Top 30 Harvest Report

Nebraska Southeast [NESE] SEWARD
Greg Gerkenmeyer, Seward County, NE 68601



Test by: Agri Seed Research, LLC, Bucyrus, KS

PREV. CROP/HERB: Soybean / Roundup PowerMax
SOIL DESCRIPTION: Butler silt loam, mod. poor drained, no-till, irrigated
SOIL CONDITION: Moderate P, moderate K, 6.8 pH, 2.9% OM
PEST MANAGEMENT: Degree Xtra, glyphosate
FERTILITY - Applied N: 180 Spring
Applied N-P-K (units): 180-52-30
SEEDED - RATE - ROW: May 7 33,000 /A 30" spacing
HARVESTED - STAND: Nov 5 30,700 /A

Early-Season Test

107 - 112 Day CRM
B2014NESE10a

Top 30 of 48

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
Prairie Brand	5985SX	STX	CM,C2	111	248.0	15.9	0	30.2	788	1
Channel	209-53STXRIB	STX,B	AC,P5V	109	243.0	16.1	0	30.9	771	2
Curry	830-39AMX	AMX,AQ,B	MQ,P5V,R	110	243.0	16.2	0	30.6	770	3
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	242.4	16.1	0	31.6	769	4
Champion	CSX62A13SSRIB	STX,B	AC,P5V	112	241.8	16.1	0	30.9	767	5
Channel	211-35STXRIB	STX,B	AC,P5V	111	237.8	15.8	0	30.9	756	6
Prairie Brand	6305RA	STX,B	CM,C2	113	237.5	16.0	0	30.2	754	8
Channel	211-24STXRIB	STX,B	AC,P5V	111	237.2	15.7	0	30.2	755	7
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	236.6	15.7	0	30.6	753	9
Titan Pro	TP 36-12 2P	VT2P,B	AC,P2	112	236.5	16.1	0	30.6	750	10
Titan Pro	2M07-SS	STX,B	AC,P5V	107	236.4	16.1	0	30.2	750	11
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	234.7	16.6	0	31.2	742	16
Augusta	A5658GT3000	3000GT	CM,C2	108	234.3	15.9	0	30.6	744	13
Ohlde	O 25-09VT2ProRB	VT2P,B	AC,P2	109	234.2	15.9	0	31.6	744	14
Renk	RK791SSTX	STX,B	AC,P2	108	234.1	15.3	0	30.6	747	12
Dekalb	DKC55-09RIB GC	STX,B	AC,P5V	105	232.7	15.1	0	30.2	744	15
Dekalb	DKC57-77RIB GC	VT2P,DG,B	AC,P2	107	231.8	15.6	0	30.9	738	18
NuTech/G2 Gen	5Z-510^	OI	MQ,P1V,R	110	231.6	15.4	0	31.6	739	17
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	230.8	15.7	0	30.9	735	19
AgriGold	A6488VT2RIB	VT2P,B	AC,P5V	111	229.0	16.4	0	30.2	725	21
Curry	XC-1412CYXR	OIXT	MQ,P1V,R	112	227.9	15.3	0	30.6	728	20
Prairie Brand	1121RA	STX,B	CM,C2	112	227.2	15.3	0	30.9	725	22
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	226.8	15.7	0	30.2	722	23
Ohlde	O 24-05VT2ProRB	VT2P,B	AC,P2	106	226.7	16.0	0	30.6	720	25
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	226.7	16.5	0	30.6	717	28
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112	226.1	15.8	0	30.6	719	27
Mycogen	2V717	STX,B	CM,C2	111	225.9	15.1	0	30.9	722	24
AgriGold	A6416STXRIB	STX,B	AC,P5V	107	225.0	16.1	0	30.2	714	31
Pioneer	P0987AM GC	AM,B	MQ,P1V	109	224.7	15.7	0	30.6	715	30
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	224.5	15.2	0	30.9	717	29
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	226.5	16.0	0	29.9	719	26

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Test Average = **226.7** **15.8** **0** **30.7** **721**
LSD (0.10) = 13.6 0.7 ns
LSD (0.25) = 9.5 0.5 ns
C.V. = 4.4 3.5

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: *These tests were planted into warm moist soils and they emerged fast. Some hail fell on the corn around the V5 growth stage that shredded leaves but it recovered quickly. Corn was standing well at harvest, stalks were still green. Very little disease was present. Weed control was very good. Ears were positioned high above the ground and filled out past the husk. Kernels were deep and shelled easily.*

† 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: Degree Xtra, glyphosate
FERTILITY - Applied N: 180 Spring
Applied N-P-K (units): 180-52-30
SEEDED - RATE - ROW: May 7 33,000 /A 30" spacing
HARVESTED - STAND: Nov 5 30,700 /A

Full-Season Test
113 - 116 Day CRM
B2014NESE10b

Top 30 of 48
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
Curry	735-44AM-R	AM-R,B	MQ,P5V,R	115	265.7	17.9	0	30.6	831	1
Titan Pro	2M14-SS	STX,B	AC,P5V	114	251.4	17.6	0	30.9	788	3
NuTech/G2 Gen	5F-513^	AM,B	MQ,P5V	115	249.6	16.6	0	30.6	789	2
Dekalb	DKC63-55RIB	VT2P,DG,B	AC,P5V	113	245.9	17.0	0	31.2	775	5
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	245.7	17.2	0	30.9	773	6
Dekalb	DKC64-69RIB GC	VT3P,B	AC,P5V	114	244.9	15.9	0	31.2	778	4
Prairie Brand	1123RA	STX,B	CM,C2	113	244.6	16.8	0	29.9	772	7
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	242.8	17.7	0	30.9	761	11
AgriGold	A6619VT2RIBD1	VT2P,DG,B	AC,P5V	114	242.3	15.8	0	30.9	771	8
Fontanelle	13D843	VT2P,B	AC,P5V	113	241.8	16.1	0	29.9	767	9
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114	241.0	17.5	0	29.9	756	13
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115	240.8	16.9	0	32.2	759	12
Renk	RK941SSTX	STX,B	AC,P2	114	239.5	17.6	0	30.2	751	14
Curry	733-13AM	AM,AQ,B	MQ,P5V,R	113	238.7	17.1	0	30.2	751	15
Channel	215-81VT2PRIB	VT2P,B	AC,P5V	115	238.1	17.8	0	29.9	745	17
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	236.3	16.8	0	31.2	746	16
Fontanelle	8A104RBC	STX,B	AC,P5V	115	234.6	17.0	0	31.2	739	18
Ohlde	O 24-14DGV2ProRB	VT2P,DG,B	AC,P2	114	234.3	16.8	0	30.9	739	19
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116	233.2	17.4	0	31.9	732	20
Dekalb	DKC65-81RIB GC	VT2P,DG,B	AC,P2	115	232.5	17.2	0	30.6	731	22
Champion	CSX65A15VT2Pro	VT2P,DG,B	CM,C2	115	232.2	17.3	0	31.6	730	23
Mycogen	2J794	HX,RR2	CM,C2	115	232.1	17.6	0	30.6	728	24
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115	231.8	16.6	0	30.6	732	21
Augusta	A4564GENSS	STX	AC,P5V	114	230.6	17.5	0	30.9	724	25
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	228.7	16.9	0	29.9	721	26
Renk	RK930VT3P	VT3P,B	AC,P2	115	228.2	17.6	0	30.6	715	28
Fontanelle	15D893	VT2P,B	AC,P5V	115	227.4	17.0	0	30.6	716	27
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	226.5	16.7	0	30.2	715	29
Augusta	A5565VT2Pro	VT2P	CM,C1	115	226.4	16.9	0	30.6	714	30
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	225.7	16.9	0	31.2	712	31
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111	243.4	17.7	0	30.6	762	10

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Test Average = **230.8** 17.0 0 30.7 727
LSD (0.10) = 19.4 0.9 ns
LSD (0.25) = 13.5 0.6 ns
C.V. = 6.2 3.8

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

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Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	Renk	RK941SSTX	STX,B	AC,P2	114
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	Titan Pro	2M13-2P	VT2P,B	AC,P2	113
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	Titan Pro	2M14-SS	STX,B	AC,P5V	114
AgriGold	A6619VT2RIBD1	VT2P,DG,B	AC,P5V	114					
Augusta	A4564GENSS	STX	AC,P5V	114					
Augusta	A5565VT2Pro	VT2P	CM,C1	115					
Champion	CSX63A13VT2ProRIB	VT2P,B	CM,C2	113					
Champion	CSX64A15VT2Pro	VT2P,DG,B	CM,C2	114					
Champion	CSX65A15VT2Pro	VT2P,DG,B	CM,C2	115					
Champion	CSX66A14VT2ProRIB	VT2P,B	CM,C2	116					
Channel	215-52VT3PRIB	VT3P,B	AC,P5V	115					
Channel	215-81VT2PRIB	VT2P,B	AC,P5V	115					
Channel	217-41DGV2PRIB	VT2P,DG,B	AC,P5V	117					
Curry	733-13AM	AM,AQ,B	MQ,P5V,R	113					
Curry	735-44AM-R	AM-R,B	MQ,P5V,R	115					
Dekalb	DKC63-55RIB	VT2P,DG,B	AC,P5V	113					
Dekalb	DKC64-69RIB GC	VT3P,B	AC,P5V	114					
Dekalb	DKC65-81RIB GC	VT2P,DG,B	AC,P2	115					
Dyna-Gro	D55VP77	VT3P	AC,P5V	115					
Fontanelle	13A834	STX,B	AC,P5V	113					
Fontanelle	13D843	VT2P,B	AC,P5V	113					
Fontanelle	15D893	VT2P,B	AC,P5V	115					
Fontanelle	8A104RBC	STX,B	AC,P5V	115					
Golden Harvest	G11U58-3111 CK	3111	AVC,C5	111					
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113					
LG Seeds	LG2636VT3PRIB	VT3P,B	AC,P5V	114					
Mycogen	2C799	STX,B	CM,C2	114					
Mycogen	2J794	HX,RR2	CM,C2	115					
Mycogen	2Y767	STX,B	CM,C2	114					
NuTech/G2 Gen	3F-515AM^	AM-R,B	MQ,P5V	115					
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114					
NuTech/G2 Gen	5F-513^	AM,B	MQ,P5V	115					
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113					
Ohlde	O 23-15VT2ProRB	VT2P,B	AC,P2	115					
Ohlde	O 24-13VT2ProRB	VT2P,B	AC,P2	113					
Ohlde	O 24-14DGV2ProRB	VT2P,DG,B	AC,P2	114					
Ohlde	O 25-16VT2ProRB	VT2P,B	AC,P2	116					
Pioneer	P1498AM GC	AM,AQ,B	MQ,P1V,R	114					
Pioneer	P1690CHR GC	OT	MQ,P1V,R	116					
Prairie Brand	1123RA	STX,B	CM,C2	113					
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116					
Prairie Brand	R7452RRHX	HX,RR2	CM,C2	116					
Renk	RK890SSTX	STX,B	AC,P2	113					
Renk	RK930VT3P	VT3P,B	AC,P2	115					
Renk	RK935SSTX	STX	AC,P2	115					

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® TRIssect® (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.