

# 2013 Corn Grain Top 30 Harvest Report

Nebraska Southeast [ NESE ] UNION  
 Nick Smith, Cass County, NE 68455



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

PREV. CROP/HERB: Soybean / Authority XL  
 SOIL DESCRIPTION: Judson silt loam, well drained, no-till, non-irrigated  
 SOIL CONDITION: Moderate P, mod. high K, 6.7 pH, 2.4% OM  
 PEST MANAGEMENT: Degree Xtra, Roundup, Quilt  
 FERTILITY - Applied N: 165 Spring, 25 Side  
 Applied N-P-K (units): 190-0-0  
 SEEDED - RATE - ROW: Apr 28 33,000 /A 30" spacing  
 HARVESTED - STAND: Sep 22 28,700 /A

## Early-Season Test

107 - 112 Day CRM  
 B2013NESE11a

## Top 30 of 36

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
Producers	7268STXRIB	STX,B	AC,P5V	112	<b>256.0</b>	19.1	0	28.2	1,126	1
AgriGold	A6499STX	STX	AC,P5V	112	<b>247.4</b>	18.2	0	29.2	1,094	2
Titan Pro	TP 36-12 2P	VT2P	AC,P2,Z	112	230.3	19.0	0	28.2	1,013	4
Kruger	K4R-9708	STX,B	AC,P5V	108	228.7	17.6	0	29.2	1,014	3
NuTech/G2 Gen	5Z-1008	OI	MQ,P1V,R	111	224.3	17.5	0	27.6	995	5
Mycogen	2V709	STX,B	CM,C2	110	223.9	18.8	0	28.9	986	7
AgriGold	A6416STX	STX	AC,P5V	107	223.3	17.0	0	28.9	994	6
Curry	630-42	HX,RR2	MQ,C2,R	110	220.3	17.1	0	29.2	980	8
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	216.1	18.7	0	28.6	952	9
Kruger	K4R-9911	STX,B	AC,P5V	110	210.6	16.8	0	26.9	938	11
NuTech/G2 Gen	5F-811AM	AM,B	MQ,C2	111	210.3	18.4	0	28.9	928	14
NuTech/G2 Gen	5Z-612	OI	MQ,P1V,R	112	209.9	18.1	0	29.2	928	15
Renk	RK880SSTX	STX,B	AC,P5V	112	209.8	17.2	0	29.9	933	13
Stine	9631VT3Pro	VT3P	CM,C2	109	209.2	17.5	0	28.9	928	16
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107	209.1	15.8	0	27.2	937	12
Producers	6884VT3PRIB	VT3P,B	AC,P5V	107	208.6	12.4	0	28.9	939	10
Channel	210-95STXRIB	STX,B	AC,P5V	110	204.9	17.2	0	29.9	911	18
Kruger	KR-7709	VT3P,B	AC,P5V	109	204.6	16.1	0	28.2	915	17
LG Seeds	LG560VT3P	VT3P	AC,P5V	111	203.1	18.6	0	28.9	896	19
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112	199.5	18.1	0	28.6	882	20
Augusta	A4658GT3110	3110	CE,C2	108	198.2	17.7	0	27.9	879	21
Stine	9740VT3Pro	VT3P	CM,C2	110	196.7	17.2	0	28.2	874	22
Renk	RK860VT3P	VT3P	AC,P2	111	195.2	17.0	0	28.6	869	23
Renk	RK809GTCBLLRW	3000GT	CE,C2	110	194.3	17.5	0	27.9	862	24
Kruger	K4R-9512	STX,B	AC,P5V	112	194.2	17.9	0	27.6	860	25
Pioneer	P0987HR GC	HX,RR2	MQ,C2	109	193.3	18.2	0	27.6	854	26
Mycogen	2V717	STX,B	CM,C2	111	192.8	17.8	0	28.9	854	27
Channel	211-24STXRIB	STX,B	AC,P5V	111	192.2	17.6	0	29.2	852	28
NuTech/G2 Gen	5H-610	HX,RR2	MQ,P1V,R	110	189.3	16.9	0	30.6	843	29
AgriGold	A6486VT2PRIB	VT2P,B	AC,P5V	111	189.3	17.0	0	29.6	842	30
Dekalb	DKC61-88 CK	VT3P	AC,P2	111	184.5	17.4	0	27.6	819	32

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Test Average = **205.4** **17.4** **0** **28.7** **911**  
 LSD (0.10) = 28.3 1.6 ns  
 C.V. = 10.1 6.9

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.50 Local GMO  
 n/a non-GMO

**Test Comments:** This site received 3 inches of snow shortly after planting but did not impact seedling emergence. This site received some timely rainfall events in June and July that most surrounding areas missed, having a big impact on final yield level. Pollination was excellent. Ears were completely filled to the tip with kernels, no tip back here. There was a light presence of gray leaf spot. Stalk quality was very good.

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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Report date: 9/23/2013 Revised:

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PREV. CROP/HERB: Soybean / Authority XL  
 SOIL DESCRIPTION: Judson silt loam, well drained, no-till, non-irrigated  
 SOIL CONDITION: Moderate P, mod. high K, 6.7 pH, 2.4% OM  
 PEST MANAGEMENT: Degree Xtra, Roundup, Quilt  
 FERTILITY - Applied N: 165 Spring, 25 Side  
 Applied N-P-K (units): 190-0-0  
 SEEDED - RATE - ROW: Apr 28 33,000 /A 30" spacing  
 HARVESTED - STAND: Sep 22 28,500 /A

**Full-Season Test**  
**113 - 116 Day CRM**  
 B2013NESE11b

**Top 30 of 36**  
 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	A4564GENSS	STX	M,D,P5	114	<b>268.3</b>	20.5	0	28.9	1,170	1
LG Seeds	LG5618STX	STX	AC,P5V	113	<b>251.9</b>	19.9	0	28.6	1,103	2
Kruger	K4R-9315	STX,B	AC,P5V	115	<b>243.7</b>	22.2	0	27.9	1,053	4
Kruger	KR-7913	VT3P,B	AC,P5V	113	<b>243.6</b>	20.1	0	27.6	1,065	3
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	240.4	19.8	0	29.9	1,053	5
Renk	RK922SSTX	STX,B	AC,P5V	114	240.3	21.1	0	29.6	1,045	6
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	236.2	20.7	0	29.2	1,029	7
Kruger	KR-7414	VT3P,B	AC,P5V	114	235.9	20.9	0	29.2	1,027	8
NuTech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115	234.2	20.4	0	27.9	1,022	9
Renk	RK920SSTX	STX,B	AC,P2	115	232.1	20.8	0	28.2	1,011	10
NuTech/G2 Gen	3F-513AM	AM-R,B	MQ,C2	115	229.5	21.6	0	28.6	995	11
Pioneer	P1498HR GC	HX,RR2	MQ,C2	114	226.8	20.8	0	27.6	988	12
NuTech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115	223.6	21.1	0	26.9	972	13
Kruger	K4R-9813	STX,B	AC,P5V	113	219.1	20.2	0	27.6	957	14
Renk	RK941VT3P	VT3P	AC,P2	114	217.1	21.1	0	27.9	944	18
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	216.4	19.2	0	27.6	951	15
Renk	RK930VT3P	VT3P	AC,P2	115	216.4	19.8	0	28.9	948	16
Titan Pro	2M13-2P	VT2P,B	AC,P2,Z	113	215.6	19.2	0	29.6	948	17
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113	215.2	20.3	0	29.9	940	19
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115	213.1	20.4	0	28.6	930	22
Producers	7224VT3PRIB	VT3P,B	AC,P5V	113	213.0	19.8	0	28.6	933	21
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	212.7	20.1	0	27.6	930	23
Stine	R9739VT3Pro	VT3P,B	AC,P2	113	209.7	20.2	0	27.9	916	25
Curry	833-85	AMX-R,B	MQ,C2,R	113	208.8	19.7	0	29.2	915	26
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114	208.6	19.7	0	29.9	914	27
Channel	213-40VT3PRIB	VT3P,B	AC,P5V	113	208.3	19.9	0	28.2	912	28
AgriGold	A6659VT3Pro	VT3P	AC,P5V	116	208.2	20.3	0	29.6	909	29
Dyna-Gro	D53VP61	VT3P	AC,P5V	113	208.1	18.5	0	28.2	918	24
Mycogen	2C797	STX	CM,C2	114	203.9	20.1	0	27.6	892	30
NuTech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116	198.8	19.0	0	28.2	875	31
Dekalb	DKC61-88 CK	VT3P	AC,P2	111	213.4	19.8	0	27.2	935	20

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Test Average = **217.8**    **20.3**    **0**    **28.5**    **951**  
 LSD (0.10) = 25.2    2.0    ns  
 C.V. = 8.5    7.2

Yield & Income Factors:    Base Moisture = 15.0%    Shrink = 1.3    Drying = \$0.025    Price =  $\frac{\$4.50}{n/a}$     Local GMO non-GMO

**Test Comments:** *This site received 3 inches of snow shortly after planting but did not impact seedling emergence. This site received some timely rainfall events in June and July that most surrounding areas missed, having a big impact on final yield level. Pollination was excellent. Ears were completely filled to the tip with kernels, no tip back here. There was a light presence of gray leaf spot. Stalk quality was very good.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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**Early-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6408VT3PRIB	VT3P,B	AC,P5V	107					
AgriGold	A6416STX	STX	AC,P5V	107					
AgriGold	A6486VT2PRIB	VT2P,B	AC,P5V	111					
AgriGold	A6499STX	STX	AC,P5V	112					
Augusta	A4658GT3110	3110	CE,C2	108					
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108					
Channel	210-95STXRIB	STX,B	AC,P5V	110					
Channel	211-24STXRIB	STX,B	AC,P5V	111					
Curry	630-42	HX,RR2	MQ,C2,R	110					
Dekalb	DKC61-88 CK	VT3P	AC,P2	111					
Kruger	K4R-9512	STX,B	AC,P5V	112					
Kruger	K4R-9708	STX,B	AC,P5V	108					
Kruger	K4R-9911	STX,B	AC,P5V	110					
Kruger	KR-7709	VT3P,B	AC,P5V	109					
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112					
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	2V717	STX,B	CM,C2	111					
NuTech	5B-410	GT/CB/LL	MQ,C2	110					
NuTech/G2 Gen	5F-811AM	AM,B	MQ,C2	111					
NuTech/G2 Gen	5H-610	HX,RR2	MQ,P1V,R	110					
NuTech/G2 Gen	5Z-1008	OI	MQ,P1V,R	111					
NuTech/G2 Gen	5Z-612	OI	MQ,P1V,R	112					
Pioneer	P0987HR GC	HX,RR2	MQ,C2	109					
Producers	6884VT3PRIB	VT3P,B	AC,P5V	107					
Producers	7268STXRIB	STX,B	AC,P5V	112					
Renk	RK809GTCBLLRW	3000GT	CE,C2	110					
Renk	RK860VT3P	VT3P	AC,P2	111					
Renk	RK866SSTX	STX	AC,P2	111					
Renk	RK880SSTX	STX,B	AC,P5V	112					
Stine	9631VT3Pro	VT3P	CM,C2	109					
Stine	9740VT3Pro	VT3P	CM,C2	110					
Titan Pro	2M07-SS	STX,B	AC,P5V,Z	107					
Titan Pro	TP 36-12 2P	VT2P	AC,P2,Z	112					
Titan Pro	TP 39-09 SS	STX	AC,P2,Z	109					
Titan Pro	x81A10	CB/LL/RW	CM,C2,Z	110					

**Full-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6517VT3PRIB	VT3P,B	AC,P5V	113					
AgriGold	A6553VT3PRIB	VT3P,B	AC,P5V	114					
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114					
AgriGold	A6659VT3Pro	VT3P	AC,P5V	116					
Augusta	A4564GENSS	STX	M,D,P5	114					
Augusta	A5565VT3Pro	VT3P	M,D,P5	114					
Channel	213-40VT3PRIB	VT3P,B	AC,P5V	113					
Channel	215-82VT3PRIB	VT3P,B	AC,P5V	115					
Curry	833-85	AMX-R,B	MQ,C2,R	113					
Dekalb	DKC61-88 CK	VT3P	AC,P2	111					
Dyna-Gro	D53VP61	VT3P	AC,P5V	113					
Dyna-Gro	D55VP77	VT3P	AC,P5V	115					
Kruger	K4R-9315	STX,B	AC,P5V	115					
Kruger	K4R-9813	STX,B	AC,P5V	113					
Kruger	KR-7414	VT3P,B	AC,P5V	114					
Kruger	KR-7913	VT3P,B	AC,P5V	113					
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113					
LG Seeds	LG5618STX	STX	AC,P5V	113					
Mycogen	2C797	STX	CM,C2	114					
Mycogen	2Y767	STX,B	CM,C2	113					
NuTech/G2 Gen	3F-513AM	AM-R,B	MQ,C2	115					
NuTech/G2 Gen	3F-515AM	AM-R,B	MQ,C2	115					
NuTech/G2 Gen	5H-216	HX,RR2	MQ,P1V,R	116					
NuTech/G2 Gen	5Z-1505	OI	MQ,P1V,R	115					
Pioneer	33D49 GC	HX,RR2	MQ,C2	115					
Pioneer	P1498HR GC	HX,RR2	MQ,C2	114					
Producers	7224VT3PRIB	VT3P,B	AC,P5V	113					
Producers	7394VT3PRIB	VT3P,B	AC,P5V	113					
Renk	RK920SSTX	STX,B	AC,P2	115					
Renk	RK922SSTX	STX,B	AC,P5V	114					
Renk	RK930VT3P	VT3P	AC,P2	115					
Renk	RK941VT3P	VT3P	AC,P2	114					
Stine	R9739VT3Pro	VT3P,B	AC,P2	113					
Titan Pro	2M13-2P	VT2P,B	AC,P2,Z	113					
Titan Pro	2M14-SS	STX,B	AC,P5V,Z	114					
Titan Pro	82A13GLV	3111	CM,C2,Z	113					

## 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 F.I.R.S.T. when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,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)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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