

2017 Corn Grain Top 30 Harvest Report

Nebraska Southeast [NESE] UNION

Nick Smith, Cass County, NE 68455



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

PREV. CROP/HERB: Soybean / Authority MTZ
 SOIL DESCRIPTION: Judson silt loam, well drained, non-irrigated
 SOIL CONDITION: No-till, low P, low K, 6.2 pH, 3.4% OM, 19.8 CEC
 PEST MANAGEMENT: Cinch, atrazine, 2,4-D, glyphosate
 FERTILITY - Applied N: 160 Spring
 Applied N-P-K (units): 160-50-50
 SEEDING - RATE - ROW: Apr 23 31,000 /A 30" spacing
 HARVESTED - STAND: Nov 7 29,300 /A

Early-Season Test

107 - 112 Day CRM

B2017NESE05a

Top 30 of 36

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
Taylor	EXP C-112-14	VT2P	112	242.0	15.3	0	29.2	676	1
NuTech/G2 Gen	5F-308^	AM,B	108	233.8	15.3	0	28.9	653	2
LG Seeds	LG5616-3000GT	3000GT	112	231.6	15.2	0	29.9	647	3
Renk	RK859DGV2P	VT2P,DG	112	226.9	15.4	0	29.2	633	5
Augusta	A5062GT3110	3110	112	225.5	15.0	0	29.2	631	6
Champion	CSX62A16SSRIB	VT2P,B	112	223.5	15.1	0	29.9	625	7
Augusta	A5162GT3000	3000GT	112	223.0	15.0	0	29.9	624	8
LG Seeds	LG5618STXRIB	STX,B	112	222.9	15.0	0	29.9	624	9
Pioneer	P1138AM GC	AM,B	111	221.1	15.5	0	29.9	616	11
Phillips Seed	PSF098VT2PRIB	VT2P,B	109	221.0	15.2	0	28.9	618	10
Augusta	A4658GT3110	3110	108	219.5	15.4	0	28.5	612	12
Taylor	8808VT2ProRIB	VT2P,B	108	218.1	15.3	0	28.2	609	13
NuTech/G2 Gen	5FB-1010^	AM,B	110	217.8	15.2	0	30.5	609	14
Renk	RK871VT2P	VT2P,B	111	216.9	15.0	0	29.2	607	15
Champion	62A18VT2PRO	VT2P	112	215.9	15.0	0	28.9	605	16
Mycogen	MY10Z28RA GC	STX,B	110	215.9	15.5	0	28.5	602	17
NuTech/G2 Gen	5F-811^	AM,B	111	214.0	15.6	4	29.2	596	21
NuTech	X5NN-1212	3000GT	112	213.9	14.9	0	30.2	599	18
Mycogen	MY12G35RA GC	PC,B	112	213.9	15.3	0	29.2	597	20
NK Brand	NK1284-3000GT	3000GT	112	213.4	14.3	0	30.2	598	19
Phillips Seed	PSF068VT2P	VT2P	107	212.8	15.2	0	30.5	595	22
NuTech/G2 Gen	5F-510^	AM,B	110	209.5	14.3	0	29.2	587	23
Dekalb	DKC60-88RIB GC	VT2P,B	110	203.4	15.3	0	29.5	568	24
Curry	729-96AM	AM,B	109	201.3	15.2	0	29.2	563	25
Taylor	T8809VT2ProRIB	VT2P,B	109	201.1	15.4	0	28.9	561	26
Renk	RK842SSTX	STX	112	197.0	15.0	0	29.5	552	27
Pioneer	P1197AM GC	AM,B	111	194.9	15.3	0	28.5	544	28
NuTech	5N-410	3000GT	110	190.5	14.8	0	29.2	533	29
Curry	731-77	OI	111	189.7	15.0	0	28.2	531	30
Prairie Brand	6247PWRA	PC,B	112	187.8	14.5	0	29.2	526	31
Pioneer	P0805AM CK	AM,B	108	229.5	14.6	0	29.2	643	4

Adam Stuteville

adam.stuteville@firstseedtests.com, (913) 206-6080

Averages = **209.6** **15.1** **0** **29.3** **586**

LSD (0.10) = 6.9 0.1 1

LSD (0.25) = 3.6 0.1 0

C.V. = 3.1 Prev. years average yield, 189.8 bu/a, 5 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.80; non-GMO = \$2.80

Test Comments: This site was planted into a clean, no-till seedbed, it emerged well despite a cold wet period after planting. Plants were tall and standing well, very little disease pressure seen. A cooler than normal August helped make up for a dry spell in late July and August.

Excellent weed control.

† 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: 11/11/2017 Revised:

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 SOIL CONDITION: No-till, low P, low K, 6.2 pH, 3.4% OM, 19.8 CEC
 PEST MANAGEMENT: Cinch, atrazine, 2,4-D, glyphosate
 FERTILITY - Applied N: 160 Spring
 Applied N-P-K (units): 160-50-50
 SEEDING - RATE - ROW: Apr 23 31,000 /A 30" spacing
 HARVESTED - STAND: Nov 7 29,200 /A

Full-Season Test

113 - 116 Day CRM

B2017NESE05b

Top 30 of 36

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
Mycogen	MY13M87RA GC	STX,B	113	249.2	14.7	0	28.9	698	1
Golden Harvest	G16K01-3111	3111	116	242.4	15.1	0	28.5	678	2
Taylor	8835VT2Pro	VT2P	114	239.4	15.0	0	29.5	670	3
Renk	RK965SSTX	STX	116	237.8	15.3	0	29.9	664	4
LG Seeds	LG5700VT2PRIB	VT2P,B	116	235.5	14.4	0	29.5	659	5
Champion	CSX63A17DGV2PRO	VT2P,DG	113	234.4	14.6	0	29.2	656	6
Dyna-Gro	D54VC52	VT2P	114	230.3	15.1	0	28.9	644	7
LG Seeds	LG5643STXRIB	STX,B	114	229.3	14.9	0	28.5	642	8
Prairie Brand	1123RA	STX,B	113	228.5	15.5	0	27.9	637	10
Dekalb	DKC63-60RIB GC	STX,B	113	225.1	15.1	0	29.5	630	11
Pioneer	P1366AM GC	AM,B	113	222.5	15.2	0	28.9	622	12
Renk	RK961VT2P	VT2P,B	116	221.4	15.0	0	29.5	620	13
Phillips Seed	PSF133DGV2PRIB	VT2P,DG,B	113	220.3	15.0	0	29.2	617	14
Champion	CSX65A17VT2PRO	VT2P	115	217.8	14.4	0	29.2	610	15
NuTech/G2 Gen	X5FN-1305^	OI	113	216.8	15.0	0	29.9	607	16
Taylor	EXP F-115-14	VT2P	115	215.3	14.8	0	28.5	603	17
Curry	XC-1713	OI	113	213.1	14.7	0	29.5	597	18
Renk	RK924DGV2P	VT2P,DG,B	114	212.8	15.0	0	30.2	596	19
Prairie Brand	6388SX	STX	113	210.3	15.4	0	29.5	587	20
Champion	66A18VT2PRO	VT2P	116	210.1	15.2	0	28.5	587	21
Taylor	T5515	STX	115	208.9	15.3	0	29.2	583	22
NuTech/G2 Gen	X5FN-1306^	OI	113	206.7	14.7	0	28.5	579	23
Mycogen	MY13A35RA GC	PC,B	113	206.2	15.1	0	28.9	577	24
Renk	RK941SSTX	STX,B	114	205.5	15.2	0	30.2	574	26
Phillips Seed	PSF158VT2PRIB	VT2P,B	115	205.2	14.9	0	28.2	575	25
NuTech/G2 Gen	X5FN-1512^	OI	115	204.7	14.8	0	29.5	573	27
Epley	E2305RR	RR2	113	204.0	15.4	0	30.5	569	28
Dekalb	DKC64-35RIB GC	VT2P,B	114	201.8	14.8	0	29.2	565	29
Channel	216-36DGV2PRIB	VT2P,DG,B	116	200.6	14.6	0	29.2	562	30
Champion	CSX64A15DGV2PRORIB	VT2P,DG,B	114	200.1	15.5	0	28.9	558	31
Pioneer	P0805AM CK	AM,B	108	228.7	15.1	0	29.5	640	9

Adam Stuteville

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Averages = **215.0** **15.0** **0** **29.2** **602**

LSD (0.10) = 7.6 0.1 ns

LSD (0.25) = 4.0 0.1 ns

C.V. = 3.4 Prev. years average yield, 189.8 bu/a, 5 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$2.80; non-GMO = \$2.80

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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
Augusta	A4658GT3110	3110	CM,C2	108					
Augusta	A5062GT3110	3110	CM,C1	112					
Augusta	A5162GT3000	3000GT	AVC,C5	112					
Champion	62A18VT2PRO	VT2P	AC,P5V	112					
Champion	CSX62A16SSRIB	VT2P,B	AC,P5V	112					
Curry	729-96AM	AM,B	MQ,P5V,R	109					
Curry	731-77	OI	MQ,P1V,R	111					
Dekalb	DKC60-88RIB GC	VT2P,B	AC,P2	110					
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112					
Dyna-Gro	D52SS63	STX	AC,P5V	112					
LG Seeds	LG5616-3000GT	3000GT	AVC,C2,Vi	112					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
Mycogen	MY10Z28RA GC	STX,B	CM,C5,Vi,ln	110					
Mycogen	MY12G35RA GC	PC,B	CM,C5,Vi,ln	112					
NK Brand	NK1284-3000GT	3000GT	AVC,C5,Vi	112					
NuTech	5N-410	3000GT	MQ,P5V,R	110					
NuTech	X5NN-1212	3000GT	MQ,P5V,R	112					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5F-811^	AM,B	MQ,P5V,R	111					
NuTech/G2 Gen	5FB-1010^	AM,B	MQ,P5V,R	110					
Phillips Seed	PSF068VT2P	VT2P	AC,P2	107					
Phillips Seed	PSF082VT2PRIB	VT2P,B	AC,P2	108					
Phillips Seed	PSF098VT2PRIB	VT2P,B	AC,P2	109					
Pioneer	P0805AM CK	AM,B	MQ,C2,R,Lu	108					
Pioneer	P1138AM GC	AM,B	MQ,P1V	111					
Pioneer	P1197AM GC	AM,B	MQ,P1V	111					
Prairie Brand	6247PWRA	PC,B	CM,C5,Vi,ln	112					
Renk	RK842SSTX	STX	AC,P5V	112					
Renk	RK859DGV2P	VT2P,DG	AC,P5V	112					
Renk	RK871VT2P	VT2P,B	AC,P2	111					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Taylor	8012VT2ProDGRIB	VT2P,DG,B	AC,P2	112					
Taylor	8808VT2ProRIB	VT2P,B	AC,P2	108					
Taylor	EXP C-112-14	VT2P	AC,P2	112					
Taylor	T8809VT2ProRIB	VT2P,B	AC,P2	109					

2017 Corn Grain - Nebraska Southeast [NESE]



Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Champion	66A18VT2PRO	VT2P	AC,P2	116					
Champion	CSX63A17DGV2PRO	VT2P,DG	AC,P2	113					
Champion	CSX64A15DGV2PRORIB	VT2P,DG,B	AC,P2	114					
Champion	CSX65A17VT2PRO	VT2P	AC,P5V	115					
Channel	216-36DGV2PRIB	VT2P,DG,B	AC,P2	116					
Curry	XC-1713	OI	MQ,P1V,R	113					
Dekalb	DKC63-60RIB GC	STX,B	AC,P5V	113					
Dekalb	DKC64-35RIB GC	VT2P,B	AC,P2	114					
Dekalb	DKC66-74RIB GC	STX,B	AC,P5V	116					
Dyna-Gro	D54VC52	VT2P	AC,P5V	114					
Epley	E2305RR	RR2	MQ	113					
Golden Harvest	G14V04-3000GT	3000GT	AVC,C5,Vi	114					
Golden Harvest	G16K01-3111	3111	AVC,C5,Vi	116					
LG Seeds	LG5643STXRIB	STX,B	AC,P5V	114					
LG Seeds	LG5650STXRIB	STX,B	AC,P5V	115					
LG Seeds	LG5700VT2PRIB	VT2P,B	AC,P5V	116					
Mycogen	MY13A35RA GC	PC,B	CM,C5,Vi,ln	113					
Mycogen	MY13M87RA GC	STX,B	CM,C5,Vi,ln	113					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	X5FN-1305^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1306^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1512^	OI	MQ,P1V,R	115					
Phillips Seed	PSF133DGV2PRIB	VT2P,DG,B	AC,P2	113					
Phillips Seed	PSF138VT2PRIB	VT2P,B	AC,P2	113					
Phillips Seed	PSF158VT2PRIB	VT2P,B	AC,P2	115					
Pioneer	P0805AM CK	AM,B	MQ,C2,R,Lu	108					
Pioneer	P1366AM GC	AM,B	MQ,P1V	113					
Prairie Brand	1123RA	STX,B	CM,C5,Vi,ln	113					
Prairie Brand	6388SX	STX	CM,C1,Vi,ln	113					
Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Renk	RK961VT2P	VT2P,B	AC,P2	116					
Renk	RK965SSTX	STX	AC,P5V	116					
Taylor	8835VT2Pro	VT2P	AC,P2	114					
Taylor	EXP F-115-14	VT2P	AC,P2	115					
Taylor	T5515	STX	AC,P5V	115					

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 Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmax® 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®, VPMmax® 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)	GT	Agrisure® GT
3010	Agrisure® 3010 (CB,LL,GT)	HX	Herculex® 1, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink®
3120	Agrisure® 3120 (CB,HX,LL,GT)	None	conventional corn
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)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure® Artesian®	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum® AcreMax® TRIssect (HX,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure® Rootworm
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax® (VT3P,HXT,RR2,LL)
AQ	Optimum® AQUAMax®	VT2P	Genuity® VT Double PRO®
B	Refuge Blend	VT3P	Genuity® VT Triple PRO®
CB	Agrisure® Corn Borer	YGCB	YieldGard® Corn Borer
DG	Genuity® DroughtGard®		

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

Corn Seed Treatments**

?	information unavailable	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	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®
CM	CruiserMaxx® Corn	SC	SHIELDCoat™
D	Dynasty®	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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