

2017 Corn Grain Top 30 Harvest Report

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



Test by: North Iowa F.I.R.S.T., Inc, Sanborn, IA

PREV. CROP/HERB: Corn, 2+ Yr / Degree Xtra, Balance Flexx, Roundup
SOIL DESCRIPTION: Muir silt loam, well drained, irrigated
SOIL CONDITION: Conventional w/ fall till, very high P, very high K, 5.8 pH, 3.6% OM, 20.7 CEC
PEST MANAGEMENT: Degree Xtra, Force 3G, Balance Flexx, Roundup, Quilt Xcel
FERTILITY - Applied N: 110 Spring, 110 Sidedress
Applied N-P-K (units): 220-0-0
SEEDING - RATE - ROW: Apr 24 35,700 /A 30" spacing
HARVESTED - STAND: Oct 13 33,500 /A

Early-Season Test

105 - 110 Day CRM
B2017NENE06a

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
NuTech/G2 Gen	5F-308^	AM,B	108	282.1	21.0	0	33.9	866	2
Dyna-Gro	D50VC30	VT2P	110	280.2	20.0	0	33.2	869	1
NuTech/G2 Gen	X5FN-0909^	OI	109	276.2	19.7	0	35.2	859	3
Heine	823VT2PRO	VT2P	110	276.0	22.6	0	34.5	834	6
NuTech/G2 Gen	5FB-1010^	AM,B	110	273.8	21.1	0	33.9	840	4
Heine	837DGV2PRO	VT2P,DG	111	273.6	22.2	0	33.9	830	7
Four Star	6D55RIB	VT2P,B	110	270.1	20.0	0	33.9	837	5
Heine	821VT2PRORIB	VT2P,B	110	265.9	19.7	0	33.2	827	8
Heine	8150DGV2PRO	VT2P	109	261.9	19.8	0	35.2	813	9
Latham	LH5965VT2ProRIB	VT2P,B	109	260.8	19.7	0	33.9	811	10
LG Seeds	LG5590VT2P	VT2P	110	260.7	20.3	0	33.2	806	12
NK Brand	NK1094-3220-EZR	3220,B	110	259.4	20.4	0	33.2	801	15
NuTech	5N-410	3000GT	110	257.4	21.6	0	31.2	786	17
NuTech/G2 Gen	5F-510^	AM,B	110	257.3	22.6	0	34.5	778	22
Four Star	EX7029RIB	STX,B	107	256.8	18.0	0	35.2	811	11
Hefty	H5804SSRIB	STX,B	108	255.8	18.4	0	35.2	805	13
Latham	LH6045VT2ProRIB	VT2P,B	110	255.3	20.5	0	33.9	788	16
Curry	729-96AM	AM,B	109	255.0	20.8	0	29.9	784	20
Hefty	H6004SSRIB	STX,B	110	252.0	20.2	0	33.9	780	21
Dekalb	DKC59-50RIB GC	VT2P,B	109	252.0	21.8	0	33.9	768	27
Pioneer	P0589AM GC	AM,AQ,B	105	251.0	19.1	0	34.5	785	18
Renk	RK810SSTX	STX,B	110	250.0	20.1	0	33.9	774	24
Latham	LH5635VT2Pro	VT2P	106	249.4	19.3	0	33.9	778	23
Jacobsen Seed	JS7468VT2PRORIB	VT2P,B	108	248.5	20.2	0	32.5	769	25
Renk	RK763VT2P	VT2P	108	247.0	19.6	0	33.9	769	26
Augusta	A4658GT3110	3110	108	246.9	20.9	1	32.5	759	29
Hefty	HCEXP10412	VT2P	104	246.8	17.3	0	33.9	785	19
Titan Pro	TP 58-10 SS	STX,B	110	244.2	20.3	0	33.9	755	31
Renk	RK792SSTX	STX,B	108	243.3	18.5	0	31.2	765	28
Renk	RK794DGV2P	VT2P,DG,B	108	243.3	19.8	0	32.5	756	30
Pioneer	P1197AM CK	AM,B	111	261.7	21.2	0	30.5	802	14

Corey Rozenboom

Corey Rozenboom

corey.rozenboom@firstseedtests.com, (319) 830-8886

Averages = **255.1** **20.1** **1** **33.5** **790**

LSD (0.10) = 10.0 0.8 ns

LSD (0.25) = 5.2 0.4 ns

C.V. = 3.7 Prev. years average yield, 220.3 bu/a, 12 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.25; non-GMO = \$3.25

Test Comments: Soil temperatures were very cool and wet the week following planting and plant stand differences among hybrids were noted. Seasonal rainfall totals, planting to maturity, was about 2.3" above the area 30-yr average. Irrigation was applied as needed. Corn aphid populations were very high in late August. Excellent ear size and kernel depth was common. Stalks stood well but were deteriorating.

† 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, Force 3G, Balance Flexx, Roundup, Quilt Xcel
FERTILITY - Applied N: 110 Spring, 110 Sidedress
Applied N-P-K (units): 220-0-0
SEEDING - RATE - ROW: Apr 24 35,700 /A 30" spacing
HARVESTED - STAND: Oct 13 33,700 /A

Full-Season Test
111 - 114 Day CRM
B2017NENE06b

Top 30 of 48

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	X5FN-1306^	OI	113	285.8	23.1	0	33.9	859	1
Curry	XC-1713	OI	113	278.0	23.1	0	33.9	836	3
Wyffels	W7696RIB GC	VT2P,B	113	273.6	22.2	0	33.9	830	5
Curry	731-77	OI	111	270.1	22.2	0	33.9	819	8
Renk	RK842SSTX	STX	112	269.9	21.0	0	33.9	829	6
LG Seeds	LG5606STX	STX	111	269.5	19.7	0	33.9	838	2
Hefty	H6214SS	STX	112	268.8	20.8	0	35.2	827	7
Latham	LH6175VT2ProRIB	VT2P,B	111	268.1	21.6	0	32.5	818	9
Jacobsen Seed	JS7611VT2PRORIB	VT2P,B	112	268.0	20.0	0	33.9	831	4
Renk	RK859DGV2P	VT2P,DG	112	267.5	22.1	0	33.9	812	12
Titan Pro	TP 71-12 DG2P	VT2P,DG,B	112	266.9	21.2	0	33.9	818	10
NuTech/G2 Gen	5F-713^	AM,B	113	265.9	22.5	0	33.9	804	14
Heine	856STXRIB	STX,B	112	265.2	22.0	0	33.2	806	13
Titan Pro	TP 74-12 SS	STX	112	264.1	21.8	0	33.9	804	15
Jacobsen Seed	JS7616VT2PRO	VT2P	112	263.8	21.7	0	33.9	804	16
Dyna-Gro	D52SS63	STX	112	262.3	21.4	0	34.5	802	17
Heine	863STX	STX	112	262.0	23.1	0	33.2	788	21
NuTech/G2 Gen	X5FN-1305^	OI	113	259.7	21.9	0	33.9	790	19
Heine	855STXRIB	STX,B	112	259.6	21.9	0	33.2	790	20
Augusta	A5062GT3110	3110	112	257.8	22.6	0	34.5	779	22
Hefty	H6102VT2PRIB	VT2P,B	111	256.9	19.9	0	33.9	797	18
Wyffels	W7976RIB GC	VT2P,B	113	256.5	22.2	0	33.9	778	23
Latham	LH6224-3120	3120	112	255.6	22.7	0	34.5	772	26
NuTech	X5NN-1212	3000GT	112	255.4	22.4	0	33.9	773	25
Hefty	HCEXP11412	VT2P	114	254.6	22.2	0	30.5	772	27
Renk	RK924DGV2P	VT2P,DG,B	114	254.5	22.8	0	33.9	768	29
Jacobsen Seed	JS7748VT2PRORIB	VT2P,B	114	254.2	22.9	0	32.5	766	30
Hefty	H6212VT2P	VT2P	112	253.8	22.7	0	33.9	766	31
Titan Pro	TP 56-14 2P	VT2P,DG,B	114	253.2	21.9	0	33.2	770	28
Latham	LH6159SSRIB	STX,B	111	250.5	19.9	0	35.2	777	24
Pioneer	P1197AM CK	AM,B	111	266.1	21.0	0	33.9	817	11

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Averages = **256.7** **22.0** **0** **33.7** **781**

LSD (0.10) = 8.7 0.7 ns

LSD (0.25) = 4.6 0.3 ns

C.V. = 3.2 Prev. years average yield, 220.3 bu/a, 12 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.25; non-GMO = \$3.25

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2017 Corn Grain - Nebraska Northeast [NENE]



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					
Curry	729-96AM	AM,B	MQ,P5V,R	109					
Dekalb	DKC59-50RIB GC	VT2P,B	AC,P5V	109					
Dyna-Gro	D50VC30	VT2P	AC,P5V	110					
Four Star	6D49RIB	VT2P,B	AC,P2	109					
Four Star	6D55RIB	VT2P,B	AC,P2	110					
Four Star	EX7029RIB	STX,B	AC,P5V	107					
Hefty	H5502VT2PRIB	VT2P,B	AC,P2,In	105					
Hefty	H5804SSRIB	STX,B	AC,P5V,In	108					
Hefty	H6004SSRIB	STX,B	AC,P5V,In	110					
Hefty	HCEXP10412	VT2P	AC,P2,In	104					
Heine	8150DGV2PRO	VT2P	AC,P5	109					
Heine	821VT2PRORIB	VT2P,B	AC,P2	110					
Heine	823VT2PRO	VT2P	AC,P5	110					
Heine	837DGV2PRO	VT2P,DG	AC,P5	111					
Jacobsen Seed	JS7468VT2PRORIB	VT2P,B	AC,P5V	108					
Latham	LH5635VT2Pro	VT2P	AC,P5V	106					
Latham	LH5805VT2ProDGRIB	VT2P,DG,B	AC,P2	108					
Latham	LH5965VT2ProRIB	VT2P,B	AC,P2	109					
Latham	LH6045VT2ProRIB	VT2P,B	AC,P2	110					
LG Seeds	LG5590VT2P	VT2P	AC,P5V	110					
NK Brand	NK1094-3220-EZR	3220,B	AVC,C5,Vi	110					
NuTech	5N-410	3000GT	MQ,P5V,R	110					
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	5FB-1010^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	X5FN-0909^	OI	MQ,P1V,R	109					
Pioneer	P0589AM GC	AM,AQ,B	MQ,C2,Lu	105					
Pioneer	P1197AM CK	AM,B	MQ,C2	111					
Renk	RK763VT2P	VT2P	AC,P5V	108					
Renk	RK792SSTX	STX,B	AC,P5V	108					
Renk	RK794DGV2P	VT2P,DG,B	AC,P2	108					
Renk	RK810SSTX	STX,B	AC,P5V	110					
Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110					
Titan Pro	TP 66-10 2P	VT2P,B	AC,P5V	110					
Titan Pro	TP 77-06 SS	STX	AC,P5V	106					

2017 Corn Grain - Nebraska Northeast [NENE]



Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A5062GT3110	3110	CM,C1	112	Titan Pro	TP 74-12 SS	STX	AC,P5V	112
Augusta	A5162GT3000	3000GT	AVC,C5	112	Wyffels	W7696RIB GC	VT2P,B	AC,P2	113
Channel	209-51VT2PRIB GC	VT2P,B	AC,P5V	109	Wyffels	W7976RIB GC	VT2P,B	AC,P2	113
Channel	210-26VT2PRIB GC	VT2P,B	AC,P5V	110					
Channel	213-19VT2PRIB GC	VT2P,B	AC,P5V	113					
Curry	731-77	OI	MQ,P1V,R	111					
Curry	XC-1713	OI	MQ,P1V,R	113					
Dyna-Gro	D52SS63	STX	AC,P5V	112					
Four Star	6D60RIB	VT2P,B	AC,P2	111					
Four Star	6D75RIB	VT2P,B	AC,P2	114					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Golden Harvest	G14V04-3000GT	3000GT	AVC,C5,Vi	114					
Hefty	H6102VT2PRIB	VT2P,B	AC,P2,In	111					
Hefty	H6212VT2P	VT2P	AC,P2,In	112					
Hefty	H6214SS	STX	AC,P5V,In	112					
Hefty	HCEXP11412	VT2P	AC,P2,In	114					
Heine	852VT2PRORIB	VT2P,B	AC,P2	112					
Heine	855STXRIB	STX,B	AC,P5V	112					
Heine	856STXRIB	STX,B	AC,P5V	112					
Heine	863STX	STX	AC,P5V	112					
Jacobsen Seed	JS5706DGV2PRORIB	VT2P,DG,B	AC,P5V	114					
Jacobsen Seed	JS7611VT2PRORIB	VT2P,B	AC,P5V	112					
Jacobsen Seed	JS7616VT2PRO	VT2P	AC,P5V	112					
Jacobsen Seed	JS7748VT2PRORIB	VT2P,B	AC,P5V	114					
Latham	LH6159SSRIB	STX,B	AC,P5V	111					
Latham	LH6175VT2ProRIB	VT2P,B	AC,P2	111					
Latham	LH6224-3120	3120	AVC,C5	112					
Latham	LH6317VT2ProDGRIB	VT2P,DG,B	AC,P2	113					
LG Seeds	LG5606STX	STX	AC,P5V	111					
LG Seeds	LG5616-3000GT	3000GT	AVC,C2,Vi	112					
LG Seeds	LG5643STXRIB	STX,B	AC,P5V	114					
NuTech	X5NN-1212	3000GT	MQ,P5V,R	112					
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					
Pioneer	P1197AM CK	AM,B	MQ,C2	111					
Pioneer	P1365AMX GC	AMX,B	MQ,C2	113					
Prairie Brand	6247PWRA	PC,B	CM,C5,Vi,In	112					
Prairie Brand	6388SX	STX	CM,C1,Vi,In	113					
Renk	RK842SSTX	STX	AC,P5V	112					
Renk	RK859DGV2P	VT2P,DG	AC,P5V	112					
Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Titan Pro	TP 56-14 2P	VT2P,DG,B	AC,P5V	114					
Titan Pro	TP 71-12 DG2P	VT2P,DG,B	AC,P2	112					

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 Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPMa [®] 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 [®] , VPMa [®] 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 [®] TRIsect (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.