

2018 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] MCLEAN
Koehler Farms, Justin Koehler, Pierce County, NE 68747



PREV. CROP/HERB: Soybean / Enlite, Afforia, 2,4-D, Cadet, Roundup
SOIL DESCRIPTION: Moody silty clay loam, well drained, non-irrigated
SOIL CONDITION: No-till, very high P, very high K, 4.5 pH, 3.5% OM, 31 CEC
PEST MANAGEMENT: Corvus, Roundup, Force 3G
FERTILITY - Applied N: 82 Spring, 99 Sidedress
Applied N-P-K (units): 181-116-6
SEEDING - RATE - ROW: May 9 31,000 /A 30" spacing
HARVESTED - STAND: Oct 30 29,700 /A

Early-Season Test
105 - 110 Day CRM
B2018NENE02a

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
Golden Harvest	G10S30-3220-EZR	3220,B	110	254.8	17.5	15	29.9	812	1
Dyna-Gro	D49VC70	VT2P	109	250.9	17.5	4	29.9	800	3
Augusta	A4658GT3220	3220	108	250.9	18.0	8	30.5	797	4
Hoegemeyer/HPT	HP1655YHR	OI	110	250.3	18.8	4	27.9	790	5
Channel	209-15VT2PRIB GC	VT2P,B	109	244.5	17.7	13	29.9	778	8
Hoegemeyer/HPT	7946AM	AM,B	109	244.2	18.3	19	29.9	774	9
Renk	RK763VT2P	VT2P,B	108	243.9	16.5	4	29.9	784	6
Latham	LH5725VT2Pro	VT2P	107	243.0	16.6	4	30.5	780	7
Hoegemeyer/HPT	7886AM	AM,B	108	242.2	17.9	15	30.5	770	10
Latham	LH5965VT2ProRIB	VT2P,B	109	242.2	18.0	32	30.5	769	11
Hoegemeyer/HPT	7900AM	AM,B	109	242.0	18.3	4	29.9	767	12
Latham	EX5917VT2Pro	VT2P	109	239.4	17.8	4	29.9	761	13
Four Star	6D55RIB	VT2P,B	110	239.2	17.9	4	30.5	760	15
Heine	8150VT2PRORIB	VT2P,B	109	238.5	17.4	6	29.9	761	14
Four Star	EX8505	VT2P	106	237.9	17.4	4	29.9	759	16
Channel	210-79DGV2PRIB GC	VT2P,DG,B	110	237.5	18.0	4	29.9	754	19
Heine	8175VT2PRO	VT2P	109	237.4	17.4	4	29.9	757	18
Pioneer	P0589AMXT GC	AMXT,AQ,B	105	236.7	16.7	8	29.9	759	17
LG Seeds	LG59C66VT2PRO	VT2P	109	236.5	18.3	11	29.9	749	20
Pioneer	P0919AM GC	AM,B	109	236.3	18.3	4	30.5	748	21
Renk	RK815SSTX	STX,B	110	233.9	18.3	39	29.9	741	22
Hefty	H6024SS	STX,B	110	233.1	18.4	4	28.5	738	23
Hefty	H5922VT2P	VT2P	109	232.8	18.5	8	29.9	736	25
NK Brand	NK0962-3220A-EZR	3220,A,B	109	232.6	18.1	18	29.9	738	24
Heine	790VT2PRORIB	VT2P,B	108	230.1	17.3	7	29.9	735	26
LG Seeds	LG5590VT2RIB	VT2P,B	110	230.1	18.4	4	29.9	728	27
NK Brand	NK0886-3010	3010	108	228.6	17.6	15	29.2	728	28
Heine	8200STX	STX	110	227.7	18.3	4	30.5	721	31
Four Star	6D41RIB	VT2P,B	107	227.1	17.7	4	30.5	723	30
Latham	LH5819SSRIB	STX,B	108	226.9	17.4	4	29.9	724	29
Pioneer	P1197AM CK	AM,B	111	256.4	18.6	4	29.9	810	2

Corey Rozenboom

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

Averages = **235.9** **17.7** **9** **29.7** **750**

LSD (0.10) = 9.4 0.6 9

LSD (0.25) = 4.9 0.3 5

C.V. = 3.8

New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.25; non-GMO = \$3.25

Test Comments: Quick and uniform emergence was the result of favorable conditions after planting at this plot on Koehler Farms. The month of June drenched this site with 9.6", which is 5.3" more than average for that month. Varying severity of gray leaf spot was observed across the plot, as was extensive lodging due to 60+ mph winds that occurred early October. Ear shanks were weak but plot harvested well.

† 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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 SOIL CONDITION: No-till, very high P, very high K, 4.5 pH, 3.5% OM, 31 CEC
 PEST MANAGEMENT: Corvus, Roundup, Force 3G
 FERTILITY - Applied N: 82 Spring, 99 Sidedress
 Applied N-P-K (units): 181-116-6
 SEEDING - RATE - ROW: May 9 31,000 /A 30" spacing
 HARVESTED - STAND: Oct 30 29,500 /A

Full-Season Test
111 - 114 Day CRM
 B2018NENE02b

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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
Heine	8500DGVT2PRO	VT2P,DG	114	264.8	19.1	4	29.9	833	1
Latham	LH6285VT2Pro	VT2P	112	257.2	17.9	11	29.9	817	2
Hoegemeyer/HPT	HP1681YHR	OI	114	256.3	18.6	6	30.5	810	3
Channel	213-19VT2PRIB GC	VT2P,B	113	254.5	18.8	11	29.9	803	5
LG Seeds	LG5643VT2RIB	VT2P,B	114	253.6	18.2	4	29.9	804	4
Pioneer	P1366AM GC	AM,B	113	253.2	18.4	4	29.9	801	7
Hoegemeyer/HPT	8414AM	AM,B	114	253.1	18.6	4	29.9	800	8
Wyffels	W7696RIB	VT2P,B	113	247.8	18.8	22	29.9	782	11
Dyna-Gro	D52VC15	VT2P	112	247.3	17.8	4	29.9	786	9
Channel	212-90STXRIB GC	STX,B	112	247.1	18.5	4	29.9	781	12
LG Seeds	LG5606STXRIB	STX,B	111	247.0	17.9	4	29.9	785	10
Wyffels	W7976RIB	VT2P,B	113	245.0	17.7	4	29.9	780	13
Renk	RK937SSTX	STX	113	244.5	18.7	4	29.9	772	14
Hoegemeyer/HPT	8326AM	AM,B	113	243.9	18.5	4	29.9	771	15
Dyna-Gro	D52SS63	STX	112	243.1	18.1	8	29.9	771	16
Wyffels	W7576RIB	VT2P,B	112	242.1	18.0	19	29.9	769	17
Hoegemeyer/HPT	8382AM	AM,B	113	241.1	19.5	4	30.5	756	24
Augusta	A5162GT3000	3000GT	112	240.7	18.6	4	29.9	761	19
LG Seeds	LG61C48VT2RIB	VT2P,B	111	240.3	18.6	6	29.9	759	20
Wyffels	W6956	VT2P	111	240.2	18.1	4	25.9	762	18
Heine	823VT2PRORIB	VT2P,B	111	240.1	18.8	19	29.9	758	21
Golden Harvest	G14V04-3000GT	3000GT	114	239.7	18.7	4	29.9	757	22
Hefty	HCEXP11322	VT2P	112	239.6	18.6	4	29.9	757	23
Augusta	A4465GT3111	3111	114	239.3	20.0	11	27.9	748	27
NK Brand	NK1191-3111	3111	111	239.0	18.5	15	28.5	756	25
Four Star	6D63RIB	VT2P,B	112	238.0	18.7	12	29.9	751	26
Renk	RK877DGV2P	VT2P,DG,B	111	236.0	18.4	4	27.2	747	28
Renk	RK842SSTX	STX	112	236.0	18.6	29	29.9	746	29
NuTech	5NN-8812	3000GT	112	235.5	18.7	4	29.9	744	31
Heine	831VT2PRO	VT2P	112	234.7	18.0	4	27.9	745	30
Pioneer	P1197AM CK	AM,B	111	253.4	18.6	4	29.2	801	6

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Averages = **240.8** **18.6** **10** **29.5** **761**

LSD (0.10) = 8.6 0.6 12

LSD (0.25) = 4.5 0.3 7

C.V. = 3.4 New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.25; non-GMO = \$3.25

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2018 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	A4658GT3220	3220	CM,C2	108					
Augusta	A4858GT3010	3010	CM,C2	108					
Channel	209-15VT2PRIB GC	VT2P,B	AC,P2	109					
Channel	210-79DGV2PRIB GC	VT2P,DG,B	AC,P2	110					
Dyna-Gro	D47SS29RIB	STX,B	AC,P5V	106					
Dyna-Gro	D49VC70	VT2P	AC,P5V	109					
Four Star	6D41RIB	VT2P,B	AC,P2	107					
Four Star	6D55RIB	VT2P,B	AC,P2	110					
Four Star	EX8505	VT2P	AC,P5V	106					
Golden Harvest	G10S30-3220-EZR	3220,B	AVC,C5,Vi	110					
Hefty	H5524SS	STX	HC	105					
Hefty	H5624SS	STX	HC	106					
Hefty	H5922VT2P	VT2P	HC	109					
Hefty	H6024SS	STX,B	HC	110					
Heine	790VT2PRORIB	VT2P,B	AC,P2	108					
Heine	8150VT2PRORIB	VT2P,B	AC,P2	109					
Heine	8175VT2PRO	VT2P	AC,P5V	109					
Heine	8200STX	STX	AC,P5V	110					
Hoegemeyer/HPT	7886AM	AM,B	MQ,P1V,R	108					
Hoegemeyer/HPT	7900AM	AM,B	MQ,P5V,R	109					
Hoegemeyer/HPT	7946AM	AM,B	MQ,P5V,R	109					
Hoegemeyer/HPT	HP1655YHR	OI	MQ,P5V,R	110					
Latham	EX5917VT2Pro	VT2P	AC,P5V	109					
Latham	LH5725VT2Pro	VT2P	AC,P5V	107					
Latham	LH5819SSRIB	STX,B	AC,P5V	108					
Latham	LH5965VT2ProRIB	VT2P,B	AC,P2	109					
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105					
LG Seeds	LG5590VT2RIB	VT2P,B	AC,P5V	110					
LG Seeds	LG59C66VT2PRO	VT2P	AC,P5V	109					
NK Brand	NK0886-3010	3010	AVC,C5,Vi	108					
NK Brand	NK0962-3220A-EZR	3220,A,B	AVC,C5,Vi	109					
Pioneer	P0589AMXT GC	AMXT,AQ,B	MQ,C2,R	105					
Pioneer	P0919AM GC	AM,B	MQ,C2,R,Lu	109					
Pioneer	P1197AM CK	AM,B	MQ,C2,R,Lu	111					
Renk	RK763VT2P	VT2P,B	AC,P2	108					
Renk	RK815SSTX	STX,B	AC,P2	110					

2018 Corn Grain - Nebraska Northeast [NENE]



Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A4465GT3111	3111	AVC,C5	114					
Augusta	A5162GT3000	3000GT	CM,C2	112					
Channel	212-90STXRIB GC	STX,B	AC,P5V	112					
Channel	213-19VT2PRIB GC	VT2P,B	AC,P2	113					
Dyna-Gro	D52SS63	STX	AC,P5V	112					
Dyna-Gro	D52VC15	VT2P	AC,P5V	112					
Four Star	6D63RIB	VT2P,B	AC,P2	112					
Golden Harvest	G11B63-3010A	3010,A	AVC,C5,Vi	111					
Golden Harvest	G14V04-3000GT	3000GT	AVC,C5,Vi	114					
Hefty	H6212VT2PRIB	VT2P,B	HC	112					
Hefty	H6214SSRIB	STX,B	HC	112					
Hefty	H6223	VT2P,DG	HC	112					
Hefty	HCEXP11322	VT2P	HC	112					
Heine	823VT2PRORIB	VT2P,B	AC,P2	111					
Heine	831VT2PRO	VT2P	AC,P5V	112					
Heine	8400STX	STX	AC,P5V	114					
Heine	8500DGV2PRO	VT2P,DG	AC,P5V	114					
Hoegemeyer/HPT	8326AM	AM,B	CM,C2,R,Lu	113					
Hoegemeyer/HPT	8382AM	AM,B	MQ,P5V,R	113					
Hoegemeyer/HPT	8414AM	AM,B	CM,C2,R,Lu	114					
Hoegemeyer/HPT	HP1681YHR	OI	MQ,P1V,R	114					
Latham	EX6355VT2Pro	VT2P	AC,P5V	113					
Latham	LH6285VT2Pro	VT2P	AC,P5V	112					
Latham	LH6425VT2ProRIB	VT2P,B	AC,P2	114					
Latham	LH6477VT2Pro	VT2P	AC,P5V	114					
LG Seeds	LG5606STXRIB	STX,B	AC,P5V	111					
LG Seeds	LG5643VT2RIB	VT2P,B	AC,P5V	114					
LG Seeds	LG61C48VT2RIB	VT2P,B	AC,P5V	111					
NK Brand	NK1191-3111	3111	AVC,C5,Vi	111					
NK Brand	NK1284-3220-EZR	3220,B	AVC,C5,Vi	112					
NuTech	5NN-8812	3000GT	CM,C2,R,Lu,l	112					
Pioneer	P1197AM CK	AM,B	MQ,C2,R,Lu	111					
Pioneer	P1366AM GC	AM,B	MQ,C2,R,Lu	113					
Pioneer	P1443AM GC	AM,AQ,B	MQ,C2,R,Lu	114					
Renk	RK842SSTX	STX	AC,P5V	112					
Renk	RK859DGV2P	VT2P,DG,B	AC,P2	112					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Renk	RK937SSTX	STX	AC,P5V	113					
Wyffels	W6956	VT2P	AC,P5V	111					
Wyffels	W7576RIB	VT2P,B	AC,P5V	112					
Wyffels	W7696RIB	VT2P,B	AC,P5V	113					
Wyffels	W7976RIB	VT2P,B	AC,P5V	113					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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