

2018 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, moderately drained, irrigated
SOIL CONDITION: Conventional w/ fall till, very high P, very high K, 5.1 pH, 4.3% OM, 28.8 CEC
PEST MANAGEMENT: Degree Xtra, Balance Flexx, Force 3G, Roundup, Capture, Quilt Xcel
FERTILITY - Applied N: 100 Spring, 3 Planter, 150 Sidedress
Applied N-P-K (units): 253-8-8
SEEDING - RATE - ROW: May 7 35,700 /A 30" spacing
HARVESTED - STAND: Sep 24 33,900 /A

Early-Season Test

105 - 110 Day CRM
B2018NENE06a

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
Hoegemeyer/HPT	7886AM	AM,B	108	285.5	20.0	0	33.9	885	1
Channel	209-15VT2PRIB GC	VT2P,B	109	272.8	21.5	0	33.9	833	3
Hoegemeyer/HPT	7946AM	AM,B	109	269.9	23.0	0	33.9	812	9
Latham	LH5725VT2Pro	VT2P	107	267.6	19.8	0	33.2	831	4
LG Seeds	LG5525VT2RIB	VT2P,B	105	265.8	18.5	0	33.9	836	2
Channel	210-79DGV2PRIB GC	VT2P,DG,B	110	265.1	21.9	0	33.9	807	12
Latham	LH5965VT2ProRIB	VT2P,B	109	264.7	20.1	0	33.9	820	6
Heine	8150VT2PRORIB	VT2P,B	109	264.5	19.5	0	33.9	824	5
Renk	RK763VT2P	VT2P,B	108	264.2	20.4	0	33.9	816	7
Heine	8200STX	STX	110	263.4	21.0	0	33.9	809	11
Hoegemeyer/HPT	7900AM	AM,B	109	263.0	21.3	0	33.9	805	13
Four Star	6D55RIB	VT2P,B	110	263.0	21.8	0	33.9	801	14
Dyna-Gro	D49VC70	VT2P	109	262.3	19.7	12	33.9	815	8
Heine	8175VT2PRO	VT2P	109	259.9	21.6	0	33.9	793	18
Hefty	H6024SS	STX,B	110	259.9	21.7	0	33.9	792	19
Four Star	6D41RIB	VT2P,B	107	259.5	20.4	0	33.2	801	15
Dyna-Gro	D47SS29RIB	STX,B	106	257.1	18.1	0	33.9	812	10
Hefty	H5922VT2P	VT2P	109	256.8	22.7	0	33.9	775	24
LG Seeds	LG5590VT2RIB	VT2P,B	110	255.9	22.4	0	33.9	775	25
NK Brand	NK0962-3220A-EZR	3220,A,B	109	255.6	22.9	0	33.9	770	27
Pioneer	P0589AMXT GC	AMXT,AQ,B	105	255.3	20.2	0	33.9	790	20
Latham	LH5819SSRIB	STX,B	108	254.3	23.8	0	33.9	759	29
Renk	RK815SSSTX	STX,B	110	253.3	21.2	0	33.9	776	22
Golden Harvest	G10S30-3220-EZR	3220,B	110	251.8	21.7	0	33.9	768	28
Heine	790VT2PRORIB	VT2P,B	108	251.2	20.5	0	33.9	775	26
Pioneer	P0919AM GC	AM,B	109	250.9	20.3	0	33.9	776	23
Four Star	EX8505	VT2P	106	250.4	17.7	0	33.9	794	17
Hefty	H5624SS	STX	106	249.4	18.9	0	33.9	781	21
Augusta	A4658GT3220	3220	108	249.4	22.3	0	33.9	756	31
LG Seeds	LG59C66VT2PRO	VT2P	109	243.4	19.7	0	33.9	757	30
Pioneer	P1197AM CK	AM,B	111	269.1	25.0	0	33.9	794	16

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

Averages = **256.5** **21.0** **1** **33.9** **787**

LSD (0.10) = 9.5 1.3 4

LSD (0.25) = 5.0 0.7 2

C.V. = 3.5 Prev. years average yield, 227.8 bu/a, 13 yrs

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

Test Comments: *This continuous corn field usually benefits from added irrigation but it wasn't needed this year. June precipitation was 12.1". Many ears were long, 18 kernel rows round and filled to the tip. Plants were 8-10 ft tall with good stalks at harvest. Gray leaf spot was seen throughout the tests, severity was hybrid specific. Total rainfall, planting through maturity, was about 12" above the area 30-yr average.*

† 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

Additional reports available at www.firstseedtests.com

©2018, all rights reserved by Elite Field Genetics, LLC

Report Date: 9/25/2018 Revised:

2018 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Corn, 2+ Yr / Degree Xtra, Balance Flexx, Roundup
SOIL DESCRIPTION: Muir silt loam, moderately drained, irrigated
SOIL CONDITION: Conventional w/ fall till, very high P, very high K, 5.1 pH, 4.3% OM, 28.8 CEC
PEST MANAGEMENT: Degree Xtra, Balance Flexx, Force 3G, Roundup, Capture, Quilt Xcel
FERTILITY - Applied N: 100 Spring, 3 Planter, 150 Sidedress
Applied N-P-K (units): 253-8-8
SEDED - RATE - ROW: May 7 35,700 /A 30" spacing
HARVESTED - STAND: Sep 24 33,900 /A

Full-Season Test
111 - 114 Day CRM
B2018NENE06b

Top 30 of 42

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
Renk	RK842SSTX	STX	112	274.7	25.3	0	33.9	808	2
Hefty	H6212VT2PRIB	VT2P,B	112	273.0	22.6	0	33.9	825	1
Hoegemeyer/HPT	HP1681YHR	OI	114	268.4	26.6	0	33.9	779	8
LG Seeds	LG61C48VT2RIB	VT2P,B	111	268.1	24.0	0	33.9	799	3
Dyna-Gro	D52SS63	STX	112	267.6	24.0	0	33.9	797	4
Wyffels	W7576RIB	VT2P,B	112	264.5	23.0	0	33.9	796	5
Hoegemeyer/HPT	8326AM	AM,B	113	264.5	23.4	0	33.9	793	7
Heine	823VT2PRORIB	VT2P,B	111	263.9	26.9	0	33.9	763	13
Hefty	H6214SSRIB	STX,B	112	262.5	25.6	0	33.9	770	10
Latham	EX6355VT2Pro	VT2P	113	261.3	25.4	0	33.9	768	11
Hoegemeyer/HPT	8414AM	AM,B	114	260.5	25.7	0	33.9	763	14
Heine	831VT2PRO	VT2P	112	259.9	23.6	0	33.9	778	9
Heine	8500DGV2PRO	VT2P,DG	114	259.1	28.3	0	33.9	739	27
Channel	213-19VT2PRIB GC	VT2P,B	113	259.1	28.4	0	33.9	738	28
Four Star	6D63RIB	VT2P,B	112	258.6	25.2	0	33.9	761	15
Golden Harvest	G14V04-3000GT	3000GT	114	258.2	26.5	0	33.9	750	23
LG Seeds	LG5643VT2RIB	VT2P,B	114	258.0	26.2	0	33.9	752	20
Wyffels	W7976RIB	VT2P,B	113	257.9	26.1	0	33.9	752	21
Renk	RK859DGV2P	VT2P,DG,B	112	257.0	23.8	0	33.9	767	12
Wyffels	W7696RIB	VT2P,B	113	256.1	24.3	0	33.9	761	16
Golden Harvest	G11B63-3010A	3010,A	111	254.2	24.0	0	33.9	758	18
LG Seeds	LG5606STXRIB	STX,B	111	254.0	25.7	0	33.9	744	24
Hefty	HCEXP11322	VT2P	112	253.4	25.5	0	33.9	744	25
Latham	LH6285VT2Pro	VT2P	112	253.2	23.7	0	33.9	757	19
Pioneer	P1366AM GC	AM,B	113	252.6	24.1	0	33.9	752	22
Hoegemeyer/HPT	8382AM	AM,B	113	252.5	26.4	0	33.9	734	29
Dyna-Gro	D52VC15	VT2P	112	250.7	22.4	0	33.9	759	17
Hefty	H6223	VT2P,DG	112	250.4	24.4	0	33.9	743	26
Wyffels	W6956	VT2P	111	245.5	24.5	0	33.9	728	30
Augusta	A5162GT3000	3000GT	112	243.2	23.8	0	33.9	726	31
Pioneer	P1197AM CK	AM,B	111	270.2	25.5	0	33.9	793	6

Corey Rozenboom

Corey Rozenboom

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

Averages = **253.5** **25.4** **0** **33.9** **745**

LSD (0.10) = 9.6 1.3 ns

LSD (0.25) = 5.1 0.7 ns

C.V. = 3.6 Prev. years average yield, 227.8 bu/a, 13 yrs

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

Test Comments: *This continuous corn field usually benefits from added irrigation but it wasn't needed this year. June precipitation was 12.1". Many ears were long, 18 kernel rows round and filled to the tip. Plants were 8-10 ft tall with good stalks at harvest. Gray leaf spot was seen throughout the tests, severity was hybrid specific. Total rainfall, planting through maturity, was about 12" above the area 30-yr average.*

† 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

Additional reports available at www.firstseedtests.com

©2018, all rights reserved by Elite Field Genetics, LLC

Report Date: 9/25/2018 Revised:

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.