

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

## 2020 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] WISNER, NE

Alan Feller, Cuming County, NE 68791

<b>Early-Season Test</b>	105 - 110 Day CRM B2020NENE04a
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (2) Replications
<b>PREV. CROP/HERB:</b>	Corn / Accuron, Roundup
<b>SOIL DESCRIPTION:</b>	Leisy sandy loam, well drained, irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, very high P, very high K, 7.0 pH, 3.4% OM, 11.0 CEC
<b>PEST MANAGEMENT:</b>	Accuron, Roundup
<b>FERTILITY - Applied N:</b>	150 Fall, 60 Spring, 30 Sidedress, Roughly 80 ton of cattle manure
<b>Applied N-P-K (units):</b>	240-450-650
<b>SEEDED - RATE - ROW:</b>	Apr 27 35.7 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 15 33.8 /A

### TEST COMMENTS:

*This plot was a new location for us at one of Alan's farms south of town which had access to irrigation. The soil type is a fine loam which is quite sandy, well drained, and does not hold moisture well. Planting conditions were excellent, stands were good, and fertility was high, however, as dry summer weeks arrived and irrigation was applied, an unforeseen moisture gradient from the irrigation water formed over the plot area of the full-season trial and a range of the early. This caused yield variability across large sections of that test. Resulting statistics led us to reject the full-season test due to unreliable results.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HOEGEMEYER	7955AML	AML,B	109	<b>267.6</b>	17.6	0	32.9	893	1
HOEGEMEYER	8084AM	AM,B	110	<b>265.7</b>	17.9	0	34.9	884	2
HEINE	8220VT2PRIB	VT2P,B	110	<b>250.7</b>	17.3	0	33.9	838	3
DYNA-GRO	D50VC78	VT2P	110	<b>249.6</b>	17.1	0	33.9	836	4
HOEGEMEYER	7990Q	QR,B	109	<b>245.5</b>	15.6	0	33.9	831	5
LATHAM	LH 5635 VT2P RIB	VT2P,B	106	<b>242.6</b>	15.9	0	33.9	819	6
LATHAM	LH 5965 VT2P RIB	VT2P,B	109	241.3	17.0	0	33.9	808	7
PIONEER	P0688AM GC	AM,B	106	234.1	16.6	0	32.9	787	9
HEINE	795	VT2P,B	108	228.1	15.9	0	33.9	771	10
PIONEER	P0589AMXT GC	AMXT,AQ,B	105	227.5	15.7	0	33.9	770	11
LATHAM	LH 5742 RR	RR2	107	227.3	17.4	0	32.9	759	13
RENK	RK805VT2P	VT2P	110	227.0	17.7	0	33.9	756	14
INTEGRA	5770 STXRIB	STX,B	107	226.5	16.7	0	32.9	760	12
INTEGRA	6061 VT2PRIB	VT2P	110	223.2	17.7	0	33.9	744	16
LATHAM	LH 5847 VT2P RIB	VT2P,B	108	222.2	15.8	0	33.9	751	15
RENK	RK710DGV2P	VT2PDG,B	106	219.2	15.7	0	33.9	742	17
HEFTY	H5624SSRIB	STX,B	106	217.6	15.8	0	31.9	735	18
HEINE	7950	STX	109	216.6	16.4	0	34.9	729	19
RENK	RK726H	PC	106	216.2	16.2	0	34.9	729	20
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	215.3	17.2	0	34.9	720	23
HEFTY	H5832VT2PRIB	VT2P,B	108	215.0	16.8	0	34.9	721	21
HEINE	7710	VT2P	107	213.7	16.8	0	35.8	717	25
HEFTY	H5522VT2PRIB	VT2P,B	105	213.0	15.8	8	34.9	720	24
HEINE	7700VT2PRIB	VT2P,B	107	212.9	16.2	0	29.9	717	26
INTEGRA	5529 VT2PRIB	VT2P,B	105	212.6	15.3	0	34.9	721	22
CHANNEL	209-15STXRIB GC	STX,B	109	211.3	16.0	18	31.9	713	27
NK BRAND	NK1082-5222A-EZR	5222A,B	110	210.4	16.8	0	33.9	706	28
HEFTY	H6024SSRIB	STX,B	110	208.3	17.1	0	32.9	697	30
LATHAM	LH 5725 VT2P RIB	VT2P,B	107	207.7	15.5	0	32.9	704	29
NK BRAND	NK0821-5122A-EZR	5122A,B	108	199.5	15.2	0	34.9	677	31
PIONEER	P1197AM CK	AM,B	111	240.3	16.8	0	31.9	807	8
				Averages =	<b>221.8</b>	<b>16.3</b>	<b>1</b>	<b>33.8</b>	<b>747</b>
				LSD (0.10) =	20.6	1.1	ns		
				LSD (0.25) =	10.7	0.6	ns		
				C.V. =	7.1			Historic yield: 227.7 bu/a, 6 yr(s)	

*Corey Rozenboom*

Corey Rozenboom

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.40

Report Date: 10/15/2020

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

† 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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## 2020 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] WISNER, NE  
Alan Feller, Cuming County, NE 68791

<b>Full-Season Test</b>	111 - 114 Day CRM B2020NENE04b
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Accuron, Roundup
<b>SOIL DESCRIPTION:</b>	Leisy sandy loam, well drained, irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, very high P, very high K, 7.0 pH, 3.4% OM, 11.0 CEC
<b>PEST MANAGEMENT:</b>	Accuron, Roundup
<b>FERTILITY - Applied N:</b>	150 Fall, 60 Spring, 30 Sidedress, Roughly 80 ton of cattle manure
<b>Applied N-P-K (units):</b>	240-450-650
<b>SEEDED - RATE - ROW:</b>	Apr 27 35.7 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 15 34.0 /A

### TEST COMMENTS:

*This plot was a new location for us at one of Alan's farms south of town which had access to irrigation. The soil type is a fine loam which is quite sandy, well drained, and does not hold moisture well. Planting conditions were excellent, stands were good, and fertility was high, however, as dry summer weeks arrived and irrigation was applied, an unforeseen moisture gradient from the irrigation water formed over the plot area of the full-season trial and a range of the early. This caused yield variability across large sections of that test. Resulting statistics led us to reject the full-season test due to unreliable results.*

Report Date: 10/15/2020

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Company/Brand	Product/Brand	Yield	Moisture	Lodging	Stand	Gross Income	Rank
		bu	%	%	/a (2020)	\$/bu	
HILTI	HT1400RB	112	18.7	0	33.9	794	1
HILTI	HT1400RB	115	18.8	0	34.5	795	2
HILTI	HT1400RB	112	18.7	20	35.2	799	3
GOLDEN HARVEST	GT180-210	113	18.2	0	34.5	798	4
PIONEER	P1700R GC	111	18.2	0	34.5	798	5
WHITFIELD	W1700R	114	18.3	0	35.8	799	6
HILTI	HT1400RB	112	18.1	0	34.5	798	7
CHANNEL	CH1400RB GC	113	18.3	0	34.5	798	8
NEBE	N1700R	111	18.3	0	34.5	798	9
HILTI	HT1400RB	112	18.2	0	35.2	799	10
NEBE	N1700R	112	18.2	0	34.5	798	11
NEBE	N1700R	112	18.2	0	34.5	797	12
WHITFIELD	W1700R	112	18.1	0	32.8	800	13
NEBE	N1700R	112	18.3	0	35.2	800	14
NEBE	N1700R	112	17.8	0	31.8	800	15
HILTI	HT1400RB	112	18.4	0	35.8	800	16
SYN-GRO	S1700R	114	18.5	0	34.5	801	17
INTEGRA	I1700R	111	18.3	0	35.2	800	18
GOLDEN HARVEST	GT180-210	111	18.6	0	35.8	801	19
WHITFIELD	W1700R	113	18.1	0	35.8	800	20
WHITFIELD	W1700R	111	18.7	0	35.2	800	21
NEBE	N1700R	112	18.8	0	35.2	800	22
LATHAM	L1700R	112	18.5	17.3	35.8	800	23
PIONEER	P1700R GC	112	18.8	0	35.8	800	24
AUGUSTA	A1700R	112	18.8	0	35.8	800	25
LATHAM	L1700R	111	18.2	17.4	35.8	800	26
INTEGRA	I1700R	112	18.2	0	35.8	800	27
CHANNEL	CH1400RB GC	111	18.5	0	35.2	800	28
NEBE	N1700R	113	18.3	0	35.2	800	29
SYN-GRO	S1700R	112	18.5	0	35.2	800	30
NEBE	N1700R	112	18.1	0	34.5	800	31

REJECTED

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Averages =	<b>193.6</b>	<b>18.1</b>	<b>2</b>	<b>34.0</b>	<b>643</b>
LSD (0.10) =	ns	1.3	ns		
LSD (0.25) =	ns	0.7	ns		
C.V. =	16.8				Historic yield: 227.7 bu/a, 6 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.40

† 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

## 2020 Corn - Nebraska Northeast [ NENE ]

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

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1259	3330,B	109	AVC,C5
CHANNEL	205-63STXRIB GC	STX,B	105	AC,P5V,EDC-B
CHANNEL	209-15STXRIB GC	STX,B	109	AC,P5V,EDC-B
DYNA-GRO	D50VC78	VT2P	110	AC,P5V,EDC-B
GOLDEN HARVEST	G08D29-3120A-EZR	3120A,B	108	AVC,C5,Vi
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	AVC,C5,Vi
HEFTY	H5522VT2PRIB	VT2P,B	105	HC
HEFTY	H5624SSRIB	STX,B	106	HC
HEFTY	H5812VT2PRIB	VT2P,B	108	HC
HEFTY	H5832VT2PRIB	VT2P,B	108	HC
HEFTY	H6024SSRIB	STX,B	110	HC
HEINE	7700VT2PRIB	VT2P,B	107	AC,P2
HEINE	7710	VT2P	107	AC,P5V,EDC-B
HEINE	795	VT2P,B	108	AC,P2
HEINE	7950	STX	109	AC,P5V,EDC-EL
HEINE	8220VT2PRIB	VT2P,B	110	AC,P2
HOEGEMEYER	7955AML	AML,B	109	Lum,P5V
HOEGEMEYER	7990Q	QR,B	109	Lum,P5V
HOEGEMEYER	8084AM	AM,B	110	Lum,P1V
INTEGRA	5529 VT2PRIB	VT2P,B	105	AC,P2,St,SU
INTEGRA	5770 STXRIB	STX,B	107	AC,P5V,St,SU
INTEGRA	6061 VT2PRIB	VT2P	110	AC,P5,St,SU
LATHAM	LH 5635 VT2P RIB	VT2P,B	106	AC250
LATHAM	LH 5725 VT2P RIB	VT2P,B	107	AC250
LATHAM	LH 5742 RR	RR2	107	AC250
LATHAM	LH 5847 VT2P RIB	VT2P,B	108	AC250
LATHAM	LH 5965 VT2P RIB	VT2P,B	109	AC250
NK BRAND	NK0821-5122A-EZR	5122A,B	108	AVC,C5,Vi
NK BRAND	NK1082-5222A-EZR	5222A,B	110	AVC,C5,Vi
PIONEER	P0589AMXT GC	AMXT,AQ,B	105	Lum
PIONEER	P0688AM GC	AM,B	106	Lum
PIONEER	P1197AM CK	AM,B	111	Lum
RENK	RK700SSTX	STX	107	AC,P5V
RENK	RK710DGV2P	VT2PDG,B	106	AC,P2
RENK	RK726H	PC	106	AC,P2
RENK	RK805VT2P	VT2P	110	AC,P2

## 2020 Corn - Nebraska Northeast [ NENE ]

### Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	4565-3220 GC	3220	115	CM,C2
AUGUSTA	5062 GC	3111	112	CM,C2
AUGUSTA	5162 GC	3220,B	112	CM,C2
AUGUSTA	6162 GC	3220,B	112	AVC,C5
CHANNEL	211-44STXRIB GC	STX,B	111	AC,P5V,EDC-B
CHANNEL	213-19STXRIB GC	STX,B	113	AC,P5V,EDC-B
DYNA-GRO	D52DC82	VT2PDG	112	AC,P5V,EDC-B
DYNA-GRO	D54VC34	VT2P	114	AC,P5V,EDC-B
GOLDEN HARVEST	G11B63-3120A-EZR	3120A,B	111	AVC,C5,Vi
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	AVC,C5,Vi
GOLDEN HARVEST	G13T41-3120-EZR	3120,B	113	AVC,C5,Vi
HEFTY	H6145SS	STX	111	HC
HEFTY	H6212VT2PRIB	VT2P,B	112	HC
HEFTY	H6214SSRIB	STX,B	112	HC
HEFTY	H6244SS	STX	112	HC
HEFTY	H6332VT2PRIB	VT2P,B	113	HC
HEINE	8185	TRE	111	AC,P5V,EDC-EL
HEINE	831VT2PRIB	VT2P,B	112	AC,P2
HEINE	8350	TRE	113	AC,P5V,EDC-EL
HEINE	8500VT2PDGRIB	VT2PDG,B	113	AC,P2
HEINE	8575	VT2PDG	114	AC,P5V,EDC-B
HOEGEMEYER	8188Q	QR,B	111	Lum,P1V
HOEGEMEYER	8235Q	QR,B	112	Lum,P1V
HOEGEMEYER	8268Q	QR,B	112	Lum,P1V
HOEGEMEYER	8531Q	QR,B	115	Lum,P5V
INTEGRA	6181 3010A	3010A	111	CM,C2,St,SU
INTEGRA	6284 VT2PRIB	VT2P,B	112	AC,P2,St,SU
INTEGRA	6410 VT2PRIB	VT2P,B	114	AC,P5V,St,SU
LATHAM	LH 6149 SS RIB	STX,B	111	AC,P5V
LATHAM	LH 6285 VT2P RIB	VT2P	112	AC250
LATHAM	LH 6317 VT2PDG RIB	VT2PDG,B	113	AC250
LATHAM	LH 6477 VT2P RIB	VT2P,B	114	AC250
NK BRAND	NK1188-5122-EZR	5122,B	111	AVC,C5,Vi
NK BRAND	NK1239-5122-EZR	5122,B	112	AVC,C5,Vi
PIONEER	P1151AM GC	AM,AQ,B	111	Lum,P1V
PIONEER	P1197AM CK	AM,B	111	Lum

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
PIONEER	P1244AM GC	AM,AQ,B	112	NA
PROHARVEST	8324 VT2PRIB	VT2P,B	113	AC,P2
PROHARVEST	8360 VT2PRIB	VT2P,B	113	AC,P2
PROHARVEST	84P93 SSTXRIB	STX,B	114	P5V
RENK	RK807SSTXRIB	STX,B	111	AC,P5V
RENK	RK866DGV2P	VT2PDG	112	AC,P2
RENK	RK882SSTX	STX	111	AC,P5V
RENK	RK937VT2P	VT2P,B	113	AC,P2
WYFFELS	W6906	VT2P	111	AC250
WYFFELS	W7726RIB	VT2P,B	113	AC250
WYFFELS	W7876RIB	VT2P,B	114	AC250
WYFFELS	W7956RIB	VT2P,B	114	AC250

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<sup>^</sup> Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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\*

3010A	Agrisure® Artesian® 3010 (CB,LL,GT)	AQ	Optimum® AQUAmax®
3111	Agrisure® Viptera® 3111	B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
3120	Agrisure® 3120 (CB,HX,LL,GT)	PC	PowerCore™
3120A	Agrisure® Artesian® 3120 (CB,HX,LL,GT)	QR	Qrome™
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	RR2	Roundup Ready® 2 Corn
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)	STX	SmartStax®
5122	Agrisure® Duracade™ 5122	TRE	Genuity® Trecepta™
5122A	Agrisure Duracade™ Artesian® 5122	VT2P	Genuity® VT Double PRO®
5222A	Agrisure® Duracade™ Artesian® 5222	VT2PDG	Genuity® VT Double PRO® DroughtGard®
AM	Optimum® AcreMax®		
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)		
AMXT	Optimum® AcreMax® Xtreme		

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

### Corn Seed Treatments\*\*

AC250	Acceleron 250	Lum	LumiGEN™ (Corteva Agriscience)
AC,P2	Acceleron, Poncho 250	Lum,P1V	Lumigen Poncho 1250/Votivo
AC,P2,St,SU	Acceleron 250, Stamina, StepUp	Lum,P5V	Lumigen Poncho 500/Votivo
AC,P5,St,SU	Acceleron Poncho 500, Stamina, StepUp	NA	Unknown
AC,P5V	Acceleron, Poncho 500/Votivo	P5V	Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control		
AC,P5V,EDC-EL	Acceleron, ELITE Poncho 500/Votivo with Enhanced Disease Control		
AC,P5V,St,SU	Acceleron Poncho 500/Votivo, Stamina, StepUp		
AVC,C5	Avicta Complete 500		
AVC,C5,Vi	Avicta Complete 500, Vibrance		
CM,C2	CruiserMaxx 250		
CM,C2,St,SU	CruiserMaxx 250, Stamina, StepUp		
HC	Hefty Complete		

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