

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

## 2020 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] MCLEAN, NE

Koehler Farms, Justin Koehler, Pierce County, NE 68747

<b>Early-Season Test</b>	105 - 110 Day CRM B2020NENE02a
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Flexstar, Enlite, Afforia
<b>SOIL DESCRIPTION:</b>	Moody silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, high K, 4.7 pH, 2.9% OM, 26.0 CEC
<b>PEST MANAGEMENT:</b>	Atrazine, Corvus, 2-4d, Roundup
<b>FERTILITY - Applied N:</b>	50 Spring, 80 Sidedress, 50# AMS, .5# Zinc, .5# Manganese
<b>Applied N-P-K (units):</b>	130-90-100
<b>SEEDED - RATE - ROW:</b>	Apr 28 35.7 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 5 34.1 /A

### TEST COMMENTS:

*Favorable spring weather allowed for mostly uninterrupted planting progress across the area during the last half of April. Rainfall was steady here through early August before a 4 week stretch of nothing from Aug 11 to Sept 6. Plant health was excellent during the season and while ear size was not exceptional, pollination was very good. Justin mentioned yields in the area are variable due to soil consistency and their ability to hold water (or not) through the dry weeks of August.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
INTEGRA	6061 VT2PRIB	VT2P	110	<b>252.9</b>	19.4	0	33.9	832	1
HEFTY	H5832VT2PRIB	VT2P,B	108	<b>241.4</b>	18.8	0	33.9	798	3
DYNA-GRO	D50VC78	VT2P	110	<b>239.1</b>	18.8	0	33.9	790	4
HEFTY	H5522VT2PRIB	VT2P,B	105	<b>237.2</b>	16.1	0	35.2	800	2
INTEGRA	5529 VT2PRIB	VT2P,B	105	<b>234.1</b>	17.0	0	33.9	784	5
HEFTY	H5624SSRIB	STX,B	106	232.5	18.0	0	31.2	773	7
AUGUSTA	1259	3330,B	109	232.2	17.0	1	33.9	778	6
LATHAM	LH 5725 VT2P RIB	VT2P,B	107	231.6	18.8	0	33.9	765	9
HEINE	7700VT2PRIB	VT2P,B	107	228.6	16.5	0	33.9	768	8
LATHAM	LH 5965 VT2P RIB	VT2P,B	109	227.9	18.8	1	33.9	753	14
PIONEER	P0688AM GC	AM,B	106	227.4	16.7	0	33.9	764	10
CHANNEL	209-15STXRIB GC	STX,B	109	227.1	19.3	0	35.2	748	17
HEFTY	H6024SSRIB	STX,B	110	226.7	20.8	0	33.9	738	22
LATHAM	LH 5847 VT2P RIB	VT2P,B	108	226.5	17.2	0	33.9	757	11
HEFTY	H5812VT2PRIB	VT2P,B	108	226.2	17.6	0	34.5	754	13
HEINE	795	VT2P,B	108	225.9	20.1	0	34.5	739	21
LATHAM	LH 5635 VT2P RIB	VT2P,B	106	224.5	16.4	0	34.5	755	12
HOEGEMEYER	8084AM	AM,B	110	224.5	18.8	1	35.2	742	19
CHANNEL	205-63STXRIB GC	STX,B	105	223.9	17.0	0	33.9	750	15
HOEGEMEYER	7990Q	QR,B	109	222.6	17.4	0	33.9	743	18
RENK	RK710DGV2P	VT2PDG,B	106	222.6	18.6	0	33.9	737	24
HEINE	7950	STX	109	221.9	17.6	0	33.9	740	20
INTEGRA	5770 STXRIB	STX,B	107	221.5	17.7	0	33.2	738	23
RENK	RK726H	PC	106	221.3	15.6	0	34.5	749	16
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	220.0	19.3	1	35.2	724	28
HOEGEMEYER	7955AML	AML,B	109	219.3	18.8	0	33.2	725	27
LATHAM	LH 5742 RR	RR2	107	217.8	16.9	0	35.2	730	25
HEINE	8220VT2PRIB	VT2P,B	110	217.6	17.3	0	34.5	728	26
GOLDEN HARVEST	G08D29-3120A-EZR	3120A,B	108	215.2	16.8	0	32.6	722	29
HEINE	7710	VT2P	107	215.1	17.3	0	35.2	719	30
PIONEER	P1197AM CK	AM,B	111	208.6	19.6	0	34.5	685	34
				<b>Averages =</b>	<b>224.0</b>	<b>17.9</b>	<b>0</b>	<b>34.1</b>	<b>745</b>
				LSD (0.10) =	9.5	1.4	ns		
				LSD (0.25) =	5.0	0.7	ns		
				C.V. =	4.0				
				Historic yield: 231.8 bu/a, 2 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: 10/07/2020

† 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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Koehler Farms, Justin Koehler, Pierce County, NE 68747

<b>Full-Season Test</b>	111 - 114 Day CRM B2020NENE02b
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Flexstar, Enlite, Afforia
<b>SOIL DESCRIPTION:</b>	Moody silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, high K, 4.7 pH, 2.9% OM, 26.0 CEC
<b>PEST MANAGEMENT:</b>	Atrazine, Corvus, 2-4d, Roundup
<b>FERTILITY - Applied N:</b>	50 Spring, 80 Sidedress, 50# AMS, .5# Zinc, .5# Manganese
<b>Applied N-P-K (units):</b>	130-90-100
<b>SEEDED - RATE - ROW:</b>	Apr 28 35.7 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 5 34.1 /A

### TEST COMMENTS:

*Favorable spring weather allowed for mostly uninterrupted planting progress across the area during the last half of April. Rainfall was steady here through early August before a 4 week stretch of nothing from Aug 11 to Sept 6. Plant health was excellent during the season and while ear size was not exceptional, pollination was very good. Justin mentioned yields in the area are variable due to soil consistency and their ability to hold water (or not) through the dry weeks of August.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PROHARVEST	8360 VT2PRIB	VT2P,B	113	<b>232.3</b>	21.9	0	34.5	750	5
DYNA-GRO	D52DC82	VT2PDG	112	<b>231.6</b>	18.7	0	34.5	766	1
WYFFELS	W7726RIB	VT2P,B	113	<b>231.4</b>	21.4	0	33.9	750	6
WYFFELS	W7956RIB	VT2P,B	114	<b>230.0</b>	22.6	0	34.5	738	9
DYNA-GRO	D54VC34	VT2P	114	<b>229.9</b>	20.3	5	33.9	751	4
HEINE	8185	TRE	111	<b>229.3</b>	19.4	0	33.9	754	3
HEFTY	H6145SS	STX	111	<b>229.1</b>	19.3	0	34.5	755	2
HEINE	8575	VT2PDG	114	<b>228.6</b>	22.7	0	33.8	733	13
LATHAM	LH 6477 VT2P RIB	VT2P,B	114	<b>227.4</b>	23.7	0	34.5	724	18
WYFFELS	W7876RIB	VT2P,B	114	<b>227.0</b>	20.9	0	33.9	738	10
HOEGEMEYER	8268Q	QR,B	112	<b>226.4</b>	20.7	0	34.5	737	11
RENK	RK937VT2P	VT2P,B	113	<b>226.2</b>	19.3	0	33.9	745	7
HEFTY	H6212VT2PRIB	VT2P,B	112	<b>224.4</b>	19.8	0	32.5	736	12
HOEGEMEYER	8235Q	QR,B	112	<b>224.1</b>	21.6	0	32.6	725	17
INTEGRA	6410 VT2PRIB	VT2P,B	114	<b>223.9</b>	21.9	0	33.9	722	19
HEINE	8350	TRE	113	<b>223.6</b>	18.0	0	33.9	743	8
LATHAM	LH 6317 VT2PDG RIB	VT2PDG,B	113	223.1	22.1	0	33.9	719	20
NK BRAND	NK1239-5122-EZR	5122,B	112	222.4	20.5	0	33.2	726	15
PIONEER	P1151AM GC	AM,AQ,B	111	222.2	20.4	0	35.2	726	16
HEINE	831VT2PRIB	VT2P,B	112	221.1	19.3	0	33.9	728	14
HEFTY	H6332VT2PRIB	VT2P,B	113	220.4	22.2	0	31.2	710	26
PROHARVEST	84P93 SSTXRIB	STX,B	114	220.1	22.0	0	33.2	710	27
CHANNEL	213-19STXRIB GC	STX,B	113	219.7	21.9	0	33.2	709	28
CHANNEL	211-44STXRIB GC	STX,B	111	218.3	19.4	0	33.2	718	21
RENK	RK882SSTX	STX	111	217.4	19.5	0	35.2	715	23
HEFTY	H6244SS	STX	112	217.0	20.0	3	33.9	711	25
HEFTY	H6214SSRIB	STX,B	112	216.4	18.9	3	35.2	715	24
HOEGEMEYER	8188Q	QR,B	111	216.2	18.4	0	33.9	717	22
LATHAM	LH 6285 VT2P RIB	VT2P	112	214.2	18.9	0	33.9	708	29
RENK	RK866DGVT2P	VT2PDG	112	210.7	17.0	0	35.2	706	30
PIONEER	P1197AM CK	AM,B	111	209.6	19.5	0	33.9	689	35
				<b>Averages =</b>	<b>216.6</b>	<b>20.2</b>	<b>0</b>	<b>34.1</b>	<b>708</b>
				LSD (0.10) =	7.0	1.9	ns		
				LSD (0.25) =	3.7	1.0	ns		
				C.V. =	3.1				Historic yield: 231.8 bu/a, 2 yr(s)

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### Yield & Income Factors:

Base Moisture = 15.0%    Shrink = 1.3    Drying = \$0.025    Prices: GMO = \$3.40

Report Date: 10/07/2020

† 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 - 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	RK866DGVT2P	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

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<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\*

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

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

## Corn Seed Treatments\*\*

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NA	Not Available
AC250	Acceleron 250
AC,P2	Acceleron, Poncho 250
AC,P2,St,SU	Acceleron 250, Stamina, StepUp
AC,P5,St,SU	Acceleron Poncho 500, Stamina, StepUp
AC,P5V	Acceleron, 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
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo
P5V	Poncho 500/Votivo

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