

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

## 2021 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] NORFOLK, NE

Bob Pollack, Madison County, NE

<b>Early-Season Test</b>	105 - 110 Day CRM B2021NENE04a
<b>Top 30 of 42</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Fierce, Metribuzin, 2, 4-D, Enlist, Liberty, Warrant
<b>SOIL DESCRIPTION:</b>	Shell silt loam, well drained, irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 5.0 pH, 2.0% OM, 12.9 CEC
<b>PEST MANAGEMENT:</b>	Tripleflex, Balance Flexx, Acuron, Roundup Powermax, Headline Amp
<b>FERTILITY - Applied N:</b>	120 Spring, 100 Sidedress, 19# S, 7# micronutrient blend of B, Mn, Cu, Zn
<b>Applied N-P-K (units):</b>	220-42-60
<b>SEEDED - RATE - ROW:</b>	May 4 35.7 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 23 34.0 /A

### TEST COMMENTS:

Bob noted that the spring was cold, which was then followed by hot and dry conditions into early summer. We planted these plots during the first week of May which was followed by a few nights in the low 30's. The sprouted seeds seemed to handle the cold soils well enough because final plant stands were excellent. A mid-July visit revealed big stalks and good ear size. Some root lodging was also observed at that time and appeared to be hybrid specific and not widespread across the trial area. Western bean cutworm was observed later in the season. This irrigated site had excellent fertility. Plants at harvest were tall, ears were large and kernels were deep.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Heine	8220VT2PRIB ↗	VT2P	110	<b>305.6</b>	19.0	0	34.2	1604	1
Heine	8010VTP2 ↗	VT2P	110	<b>304.4</b>	19.1	0	34.2	1597	2
Integra	6061 TRERIB ↗	TRE	110	<b>304.3</b>	20.0	0	34.2	1590	3
Latham	LH 5847 VT2P RIB ↗	VT2P	108	<b>299.9</b>	18.9	0	34.2	1575	4
Dyna-Gro	D51VC41 ↗	VT2P	110	<b>298.0</b>	19.2	0	34.2	1563	5
Hefty	H5655 ↗	TRE	106	<b>290.4</b>	16.0	0	34.2	1546	6
Four Star	6D52RIB ↗	VT2P	110	<b>289.2</b>	19.4	0	34.2	1515	9
Latham	LH 5646 PCE ↗	PC,E	106	<b>289.1</b>	17.7	0	34.2	1527	7
Dyna-Gro	D50VC09 ↗	VT2P	110	<b>288.6</b>	18.0	0	32.2	1522	8
Hefty	H5952 ↗	VT2P	109	<b>287.0</b>	18.8	0	34.2	1508	11
Hoegemeyer	8084AM ↗	AM	110	<b>286.8</b>	18.2	0	34.2	1511	10
Integra	5802 VT2PRIB ↗	VT2P	108	284.5	18.2	0	33.5	1500	13
Latham	LH 6097 VT2P RIB ↗	VT2P	110	284.3	18.3	0	34.2	1497	14
Integra	5682 VT2PRIB ↗	VT2P	106	284.3	16.9	0	34.2	1507	12
Hoegemeyer	8009AM ↗	AM	110	282.0	18.6	0	34.2	1483	16
Channel	207-87VT2PRIB GC ↗	VT2P	107	281.9	17.8	0	34.2	1489	15
Heine	795VT2PRIB ↗	VT2P	108	280.4	17.9	0	34.2	1480	17
Pioneer	P0947Q GC ↗	QR	109	275.3	17.9	0	34.2	1453	18
Hefty	H5812 RIB ↗	VT2P	108	274.8	17.6	0	34.2	1453	19
Rob-See-Co	RC5940-3120A ↗	3120A	109	274.0	18.4	0	34.2	1443	22
Pioneer	P0589AMXT GC ↗	AMXT,AQ	105	273.6	16.8	0	34.2	1452	20
Latham	LH 5725 VT2P RIB ↗	VT2P	107	273.4	17.4	0	34.2	1446	21
Renk	RK782VT2P ↗	VT2P	109	272.6	19.0	0	32.9	1431	24
Hefty	H5832 RIB ↗	VT2P	108	271.5	17.8	0	34.2	1434	23
Heine	7910VT2PRO ↗	VT2P	109	267.3	19.3	0	32.9	1402	27
Heine	7950STX ↗	STX	109	266.8	18.0	0	34.2	1408	25
Hefty	H5944 RIB ↗	STX	109	266.0	18.0	0	34.2	1403	26
Channel	207-42STXRIB GC ↗	STX	107	265.0	17.4	6	34.2	1402	28
Hoegemeyer	7772Q ↗	QR	107	264.3	17.7	0	34.2	1396	29
Latham	LH 5635 VT2P RIB ↗	VT2P	106	261.3	16.9	0	34.2	1386	30
Pioneer	P1197AM CK	AM	111	244.0	18.8	0	32.9	1282	41
				<b>Averages =</b>	<b>273.5</b>	<b>18.3</b>	<b>0</b>	<b>34.0</b>	<b>1441</b>
				LSD (0.10) =	11.6	0.5	ns		
				LSD (0.25) =	6.1	0.3	ns		
				C.V. =	4.0				

*Corey Rozenboom*

Corey Rozenboom

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

### Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.35

Historic yield: new site

Report Date: 10/24/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

©2021, All rights reserved by Elite Field Genetics, LLC

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

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

## 2021 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] NORFOLK, NE  
Bob Pollack, Madison County, NE

<b>Full-Season Test</b>	111 - 114 Day CRM B2021NENE04b
<b>Top 30 of 42</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Fierce, Metribuzin, 2, 4-D, Enlist, Liberty, Warrant
<b>SOIL DESCRIPTION:</b>	Shell silt loam, well drained, irrigated
<b>SOIL CONDITION:</b>	No-Till, very high P, very high K, 5.0 pH, 2.0% OM, 12.9 CEC
<b>PEST MANAGEMENT:</b>	Tripleflex, Balance Flexx, Acuron, Roundup Powermax, Headline Amp
<b>FERTILITY - Applied N:</b>	120 Spring, 100 Sidedress, 19# S, 7# micronutrient blend of B, Mn, Cu, Zn
<b>Applied N-P-K (units):</b>	220-42-60
<b>SEEDING - RATE - ROW:</b>	May 4 35.7 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 23 34.1 /A

### TEST COMMENTS:

Bob noted that the spring was cold, which was then followed by hot and dry conditions into early summer. We planted these plots during the first week of May which was followed by a few nights in the low 30's. The sprouted seeds seemed to handle the cold soils well enough because final plant stands were excellent. A mid-July visit revealed big stalks and good ear size. Some root lodging was also observed at that time and appeared to be hybrid specific and not widespread across the trial area. Western bean cutworm was observed later in the season. This irrigated site had excellent fertility. Plants at harvest were tall, ears were large and kernels were deep.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H6132 RIB ↗	VT2P	111	<b>307.1</b>	18.9	0	34.2	1613	1
Wyffels	W7536DG ↗	VT2PDG	112	<b>298.7</b>	19.9	0	34.2	1562	2
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	<b>292.2</b>	19.6	0	34.2	1530	3
Heine	8185TRE ↗	TRE	111	<b>291.7</b>	19.7	3	34.2	1526	4
Channel	214-22STXRIB GC ↗	STX	114	<b>291.0</b>	19.9	0	34.2	1521	6
Four Star	EXP 2202 ↗	VT2P	111	<b>290.7</b>	19.0	0	34.2	1526	5
Hefty	H6252 ↗	VT2P	112	<b>286.6</b>	18.4	0	34.2	1509	7
Dyna-Gro	D54VC34 ↗	VT2P	114	<b>285.0</b>	20.3	0	34.2	1487	9
Jacobsen	JS7607VT2PRO GC ↗	VT2P	112	<b>284.5</b>	18.4	0	34.2	1498	8
Wyffels	W7416 ↗	VT2P	112	<b>283.5</b>	19.5	0	33.5	1485	10
Heine	8500VT2PDGRIB ↗	VT2PDG	113	281.2	20.3	0	34.2	1467	11
Channel	211-66VT2P GC ↗	VT2P	111	279.3	19.3	0	33.5	1464	12
Heine	844VT2PRIB ↗	VT2P	112	279.1	20.1	0	33.5	1458	13
Wyffels	W7956RIB ↗	VT2P	114	279.1	20.2	0	34.2	1457	14
Integra	6410 VT2PRIB ↗	VT2P	114	277.0	20.1	3	34.2	1447	15
Wyffels	W7876RIB ↗	VT2P	114	275.5	20.2	0	34.2	1438	17
ProHarvest	81P88 TRERIB ↗	TRE	111	274.9	19.4	0	34.2	1441	16
Channel	214-78DGVT2PRIB GC ↗	VT2PDG	114	274.4	19.6	0	34.2	1436	18
Heine	831VT2PRIB ↗	VT2P	112	272.7	19.0	0	34.2	1431	19
Hefty	H6145 TRERIB ↗	TRE	112	272.1	20.4	8	34.2	1419	21
ProHarvest	8360 VT2PRIB ↗	VT2P	113	271.9	20.3	12	34.2	1419	22
Renk	RK821SSTX ↗	STX	111	271.5	18.6	4	34.2	1428	20
Hefty	H6244 RIB ↗	STX	112	268.8	20.4	3	34.2	1402	24
Pioneer	P1185Q GC ↗	QR	111	267.9	19.2	0	34.2	1405	23
Golden Harvest	G13H15-3120 EZR ↗	3120	113	267.2	19.8	0	33.5	1398	26
Renk	RK937VT2P ↗	VT2P	113	266.9	18.8	0	34.2	1402	25
Heine	8420VT2PRO ↗	VT2P	114	266.5	20.7	0	34.2	1388	30
Hoegemeyer	8235Q ↗	QR	112	265.5	18.5	0	34.2	1397	27
Renk	RK826VT2P ↗	VT2P	111	264.8	18.6	0	34.2	1393	28
Hoegemeyer	8188Q ↗	QR	111	263.0	17.6	0	34.2	1390	29
Pioneer	P1197AM CK	AM	111	240.7	18.9	5	34.2	1264	42
				<b>Averages =</b>	<b>271.2</b>	<b>19.5</b>	<b>1</b>	<b>34.1</b>	<b>1421</b>
				LSD (0.10) =	11.9	0.6	ns		
				LSD (0.25) =	6.3	0.3	ns		
				C.V. =	4.2				
Corey Rozenboom				Historic yield: new site					
corey.rozenboom@firstseedtests.com, (319) 830-8886									

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.35

Report Date: 10/24/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

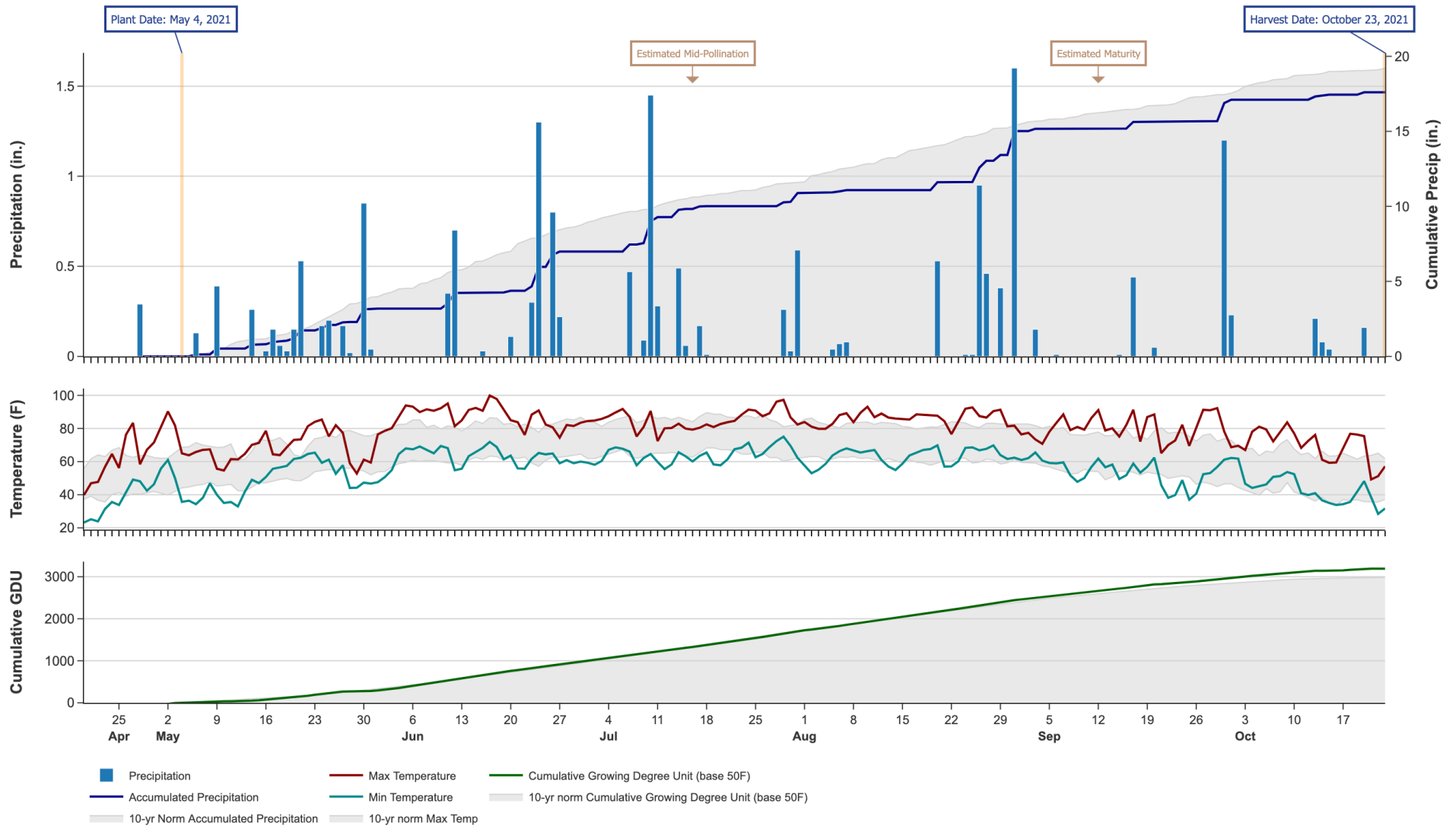
©2021, All rights reserved by Elite Field Genetics, LLC

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

# 2021 Corn - Nebraska Northeast [ NENE ]

## Weather Conditions Summary at NORFOLK, NE

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.3   1.1 (-0.8)	3.2   4.5 (-1.3)	3.8   4.8 (-1.0)	3.9   2.9 (+1.0)	4.1   3.8 (+0.4)	1.9   2.1 (-0.2)	0.7   1.8 (-1.0)	17.9   20.9 (-3.0)
GDU   Normal (Diff)	61   63 (-2)	347   336 (+10)	691   642 (+48)	732   763 (-31)	738   674 (+63)	524   459 (+64)	225   136 (+88)	3318   3076 (+241)



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2021 Corn - Nebraska Northeast [ NENE ]

### Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1259-5222	5222	N	109	CM,C2
Channel	207-42STXRIB GC	STX	Y	107	AC,P5V,B-360
Channel	207-87VT2PRIB GC	VT2P	Y	107	AC,P5,B360
Dyna-Gro	D50VC09	VT2P	N	110	AC,P5V
Dyna-Gro	D51VC41	VT2P	N	110	AC,P5V
Four Star	6D52RIB	VT2P	Y	110	AC,P2
Four Star	EXP 2201	VT2P	Y	109	AC,P5V,B-300
Golden Harvest	G07G73-5122 EZR	5122	Y	107	AVC,C2,Vi
Golden Harvest	G10L16-3220A EZR	3220A	Y	110	AVC,C5,Vi
Hefty	H5655	TRE	N	106	HC
Hefty	H5812 RIB	VT2P	Y	108	HC
Hefty	H5832 RIB	VT2P	Y	108	HC
Hefty	H5944 RIB	STX	Y	109	HC
Hefty	H5952	VT2P	N	109	HC
Heine	7910VT2PRO	VT2P	N	109	P5V
Heine	7950STX	STX	N	109	P5V
Heine	795VT2PRIB	VT2P	Y	108	P5V
Heine	8010VTP2	VT2P	N	110	AC,P5V,EDC-B
Heine	8220VT2PRIB	VT2P	Y	110	AC250
Hoegemeyer	7772Q	QR	Y	107	Lum
Hoegemeyer	8009AM	AM	Y	110	Lum
Hoegemeyer	8084AM	AM	Y	110	Lum
Integra	5682 VT2PRIB	VT2P	Y	106	AC,P5V,EDC-B
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,EDC-B
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU
Latham	LH 5635 VT2P RIB	VT2P	Y	106	AC,P2
Latham	LH 5646 PCE	PC,E	N	106	CM,C2,Vi
Latham	LH 5725 VT2P RIB	VT2P	Y	107	AC,P2
Latham	LH 5847 VT2P RIB	VT2P	Y	108	AC,P2
Latham	LH 6097 VT2P RIB	VT2P	Y	110	AC,P2
NK Brand	NK0821-5122A EZR	5122A	Y	108	AVC,C5,Vi
NK Brand	NK1082-5222A EZR	5222A	Y	110	AVC,C5,Vi
Pioneer	P0589AMXT GC	AMXT,AQ	Y	105	Lum
Pioneer	P0947Q GC	QR	Y	109	Lum
Pioneer	P1197AM CK	AM	Y	111	Lum
Renk	RK700SSTX	STX	N	107	AC,P5V
Renk	RK710DGV2P	VT2PDG	Y	107	AC,P2
Renk	RK765VT2PRIB	VT2P	Y	109	AC,P2
Renk	RK782VT2P	VT2P	N	109	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Rob-See-Co	RC5940-3120A	3120A	Y	109	CM,C2,Vi
Rob-See-Co	RC6038-3220A	3220A	Y	110	CM,C2,Vi

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## 2021 Corn - Nebraska Northeast [ NENE ]

### Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Channel	211-66VT2P GC	VT2P	N	111	AC,P5,B360
Channel	214-22STXRIB GC	STX	Y	114	AC,P5V,B-360
Channel	214-78DGV2PRIB GC	VT2PDG	Y	114	AC,P5,B360
Dyna-Gro	D54VC34	VT2P	N	114	AC,P5V
Four Star	EXP 2202	VT2P	Y	111	AC,P5V,B-300
Golden Harvest	G11V76-3120 EZR	3120	Y	111	AVC,C5,Vi
Golden Harvest	G13D55-3220 EZR	3220	Y	113	AVC,C2,Vi
Golden Harvest	G13H15-3120 EZR	3120	Y	113	AVC,C5,Vi
Hefty	H6132 RIB	VT2P	Y	111	HC
Hefty	H6145 TRERIB	TRE	Y	112	HC
Hefty	H6244 RIB	STX	Y	112	HC
Hefty	H6252	VT2P	N	112	HC
Heine	8185TRE	TRE	N	111	AC,P5V,EDC-B
Heine	831VT2PRIB	VT2P	Y	112	AC250
Heine	8420VT2PRO	VT2P	N	114	AC,P5V,EDC-B
Heine	844VT2PRIB	VT2P	Y	112	AC250
Heine	8500VT2PDGRIB	VT2PDG	Y	113	AC250
Hoegemeyer	8188Q	QR	Y	111	Lum
Hoegemeyer	8235Q	QR	Y	112	Lum
Hoegemeyer	8447AM	AM	Y	114	Lum,P1V
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Integra	6555 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Jacobsen	JS7607VT2PRO GC	VT2P	Y	112	AC,P5V,B-300
NK Brand	NK1188-5122 EZR	5122	Y	111	AVC,C5,Vi
NK Brand	NK1349-3220 EZR	3220	Y	113	AVC,C5,Vi
Pioneer	P1185Q GC	QR	Y	111	Lum
Pioneer	P1197AM CK	AM	Y	111	Lum
Pioneer	P1353Q GC	QR	Y	114	Lum
ProHarvest	81P88 TRERIB	TRE	Y	111	AC,P5V
ProHarvest	8360 VT2PRIB	VT2P	Y	113	AC,P5V
ProHarvest	83P33 DGV2PRIB	VT2PDG	Y	113	AC,P5V
ProHarvest	84P93 DGV2PRIB	VT2PDG	Y	114	AC,P5V
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P5V
Renk	RK882TRE	TRE	N	111	AC,P2
Renk	RK895DGV2P	VT2PDG	N	113	AC,P5V
Renk	RK937VT2P	VT2P	Y	113	AC,P2
Rob-See-Co	RC6148-5122A	5122A	Y	111	CM,C2,Vi
Wyffels	W7416	VT2P	N	112	AC,P2
Wyffels	W7536DG	VT2PDG	N	112	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7956RIB	VT2P	Y	114	AC,P2

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## 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

---

3120	Agrisure® 3120 (CB,HX,LL,GT)
3120A	Agrisure® Artesian® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3220A	Agrisure® Artesian® Viptera® 3220 (Vip,CB,HX,LL,GT)
5122	Agrisure® Duracade™ 5122
5122A	Agrisure® Duracade™ Artesian® 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
AQ	Optimum® AQUAmax®
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

---

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

## Corn Seed Treatments\*

---

NA	Not Available
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B-300	Acceleron® Poncho 500/Votivo with B-300 SAT
AC,P5V,B-360	Acceleron® Poncho 500/Votivo with B-360 SAT
AC,P5V,EDC- B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU	Acceleron® Poncho 500/Votivo, StepUp
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
P5V	Poncho 500/Votivo

---

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