

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

2022 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] ELGIN, NE
Ray Payne, Antelope County, NE

Early-Season Test	105 - 110 Day CRM B2022NENE02a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron
SOIL DESCRIPTION:	Loretto loam, moderately drained, irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 5.1 pH, 2.7% OM, 20.7 CEC
PEST MANAGEMENT:	Acuron
FERTILITY - Applied N:	18 Fall, 130 Spring, 70 Sidedress, 30 Foliar Rescue
Applied N-P-K (units):	248-68-0
SEDED - RATE - ROW:	Apr 25 35.7 /A 30" spacing
HARVESTED - STAND:	Oct 13 34.3 /A

TEST COMMENTS:

Ray reported that they had a cold spring followed by a very hot couple of weeks during the V5-V6 stage. Temperatures dipped below freezing a couple nights following our planting date but stands were unaffected. This area, like much of Northeast Nebraska, has suffered from severe to extreme drought and Ray has had to do a lot of irrigating. Ears were long, plants were healthy, and stood well at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	6061 TRERIB ↗	TRE	110	295.1	19.2	0	34.4	1976	1
Hoegemeyer	7843 AM ↗	AM	108	286.4	17.3	0	34.5	1931	2
Innvictis	A1062 ↗	TRE	110	286.3	17.8	0	34.7	1927	3
Heine	8010VT2P ↗	VT2P	110	277.4	19.0	0	35.6	1859	5
Latham	LH 6097 VT2P RIB ↗	VT2P	110	276.7	19.5	0	34.1	1850	7
Heine	7925 SS ↗	STX	109	276.5	18.8	0	34.9	1854	6
Channel	207-87VT2PRIB GC ↗	VT2P	107	276.3	17.2	0	34.0	1864	4
Pioneer	P0953AM GC ↗	AM	109	274.8	18.3	0	35.1	1846	8
Hefty	H5862 ↗	VT2P	108	274.5	19.4	0	33.7	1836	9
Innvictis	A0842 ↗	STX	108	273.8	18.8	0	33.1	1836	10
Integra	5802 VT2PRIB ↗	VT2P	108	273.4	18.3	0	33.6	1836	11
Four Star	6D59 ↗	VT2P	110	272.8	20.6	0	33.1	1817	13
Augusta	A1259-5222 GC ↗	DV	109	271.5	18.4	0	35.3	1823	12
Dyna-Gro	D50VC09RIB ↗	VT2P	110	270.6	18.4	0	34.2	1817	14
Heine	8108 ↗	VT2P	110	270.5	18.5	0	34.8	1816	15
NK Brand	NK1082-DV ↗	DV	110	269.7	19.0	0	35.7	1807	16
Hoegemeyer	8052 Q ↗	QR	110	268.9	18.7	0	35.2	1803	17
Four Star	6D52RIB ↗	VT2P	110	268.5	19.9	0	33.3	1793	22
Heine	8110 ↗	STX	110	267.8	18.8	0	35.1	1796	19
Channel	209-89STXRIB GC ↗	STX	109	267.8	19.0	0	33.5	1794	21
Dyna-Gro	D48VC84 ↗	VT2P	108	267.4	18.4	0	35.4	1796	20
Renk	RK774VT2P ↗	VT2P	108	267.0	18.4	0	35.3	1793	23
Pioneer	P0622Q GC ↗	QR	106	266.6	16.5	0	33.4	1803	18
Augusta	A1359 VT2P GC ↗	VT2P	108	265.9	18.3	0	35.6	1786	24
Renk	RK805VT2P ↗	VT2P	110	264.4	19.0	0	32.4	1772	26
Latham	LH 5847 VT2P RIB ↗	VT2P	108	263.9	18.0	0	34.5	1775	25
Hefty	H5952 ↗	VT2P	109	261.3	19.3	0	34.3	1749	29
Dyna-Gro	D49VC53 ↗	VT2P	109	261.2	19.7	0	35.5	1745	30
Integra	5719 VT2PRIB ↗	VT2P	107	260.4	16.2	0	35.7	1763	27
Renk	RK700SSTX ↗	STX	108	260.3	17.5	0	35.1	1754	28
PIONEER	P1197AM CK	AM	111	253.2	18.6	0	34.6	1699	39

Corey Rozenboom

Corey Rozenboom

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Averages = **263.5** **18.4** **0** **34.3** **1770**

LSD (0.10) = 9.5 0.9 ns

LSD (0.25) = 5.0 0.4 ns

C.V. = 3.4

Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$6.80

Report Date: 10/13/2022

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

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Ray Payne, Antelope County, NE

Full-Season Test	111 - 115 Day CRM B2022NENE02b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron
SOIL DESCRIPTION:	Loretto loam, moderately drained, irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 5.1 pH, 2.7% OM, 20.7 CEC
PEST MANAGEMENT:	Acuron
FERTILITY - Applied N:	18 Fall, 130 Spring, 70 Sidedress, 30 Foliar Rescue
Applied N-P-K (units):	248-68-0
SEDED - RATE - ROW:	Apr 25 35.7 /A 30" spacing
HARVESTED - STAND:	Oct 13 33.9 /A

TEST COMMENTS:

Ray reported that they had a cold spring followed by a very hot couple of weeks during the V5-V6 stage. Temperatures dipped below freezing a couple nights following our planting date but stands were unaffected. This area, like much of Northeast Nebraska, has suffered from severe to extreme drought and Ray has had to do a lot of irrigating. Ears were long, plants were healthy, and stood well at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H6145 TRERIB ↗	TRE	111	290.6	19.6	0	34.0	1943	1
Four Star	EXP 2277 ↗	TRE	115	288.7	21.6	0	34.0	1916	3
Renk	RK940SSTX ↗	STX	115	288.2	22.8	0	35.2	1904	5
Wyffels	W7536DGRIB ↗	VT2PDG	112	287.5	19.4	0	35.2	1923	2
Hefty	H6263 ↗	VT2PDG	112	286.6	19.8	0	33.5	1914	4
Hoegemeyer	8303 AM ↗	AM	113	285.2	20.5	0	35.3	1900	6
ProHarvest	8360 VT2PRIB ↗	VT2P	113	285.1	22.1	0	34.7	1888	7
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	284.0	21.2	0	33.3	1887	8
Heine	8420VT2PRIB ↗	VT2P	114	282.6	21.6	0	34.1	1875	10
Hefty	H6355 ↗	TRE	113	280.5	19.3	0	32.0	1877	9
Wyffels	W7876RIB ↗	VT2P	114	278.9	22.1	0	35.0	1847	12
Heine	8370 ↗	VT2PDG	113	278.6	20.5	0	34.0	1856	11
Wyffels	W7945 ↗	TRE	114	277.0	21.6	0	33.6	1838	13
ProHarvest	84P78 TRERIB ↗	TRE	114	276.4	22.1	0	33.7	1831	14
Four Star	EXP 2272 ↗	VT2P	114	275.3	22.7	1	34.7	1819	17
Golden Harvest	G15J91-V ↗	V	115	274.6	23.1	0	35.0	1812	18
Dyna-Gro	D52DC82RIB ↗	VT2PDG	112	273.1	19.0	0	35.1	1830	15
Innvictis	A1192 ↗	STX	111	272.6	19.8	0	34.7	1821	16
Hefty	H6132 ↗	VT2P	111	271.7	20.2	0	34.1	1812	19
Wyffels	W8306 ↗	VT2P	115	271.5	21.9	0	33.7	1800	20
Channel	213-19STXRIB GC ↗	STX	113	268.0	21.5	0	33.7	1779	22
NK Brand	NK1523-V ↗	V	115	268.0	22.2	3	35.1	1774	24
Renk	RK958VT2P ↗	VT2P	115	267.6	22.9	0	34.9	1767	25
Pioneer	P1185AM GC ↗	AM	111	267.2	19.9	0	34.9	1784	21
Heine	8260 ↗	STX	112	265.7	19.8	0	33.9	1775	23
Dyna-Gro	D54VC34RIB ↗	VT2P	114	265.4	22.3	0	34.7	1756	28
Integra	6410 VT2PRIB ↗	VT2P	114	264.2	21.6	0	31.3	1753	30
Renk	RK895DGVT2P ↗	VT2PDG	113	264.0	20.6	0	31.4	1758	26
Heine	844VT2PRIB ↗	VT2P	112	263.8	21.0	0	34.9	1754	29
Hoegemeyer	8370 AM ↗	AM	113	263.3	20.1	0	34.6	1757	27
PIONEER	P1197AM CK	AM	111	254.3	18.6	0	35.3	1706	42

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Averages = **268.4** **21.1** **0** **33.9** **1784**

LSD (0.10) = 9.6 1.0 ns

LSD (0.25) = 5.0 0.5 ns

C.V. = 3.4

Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$6.80

Report Date: 10/13/2022

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

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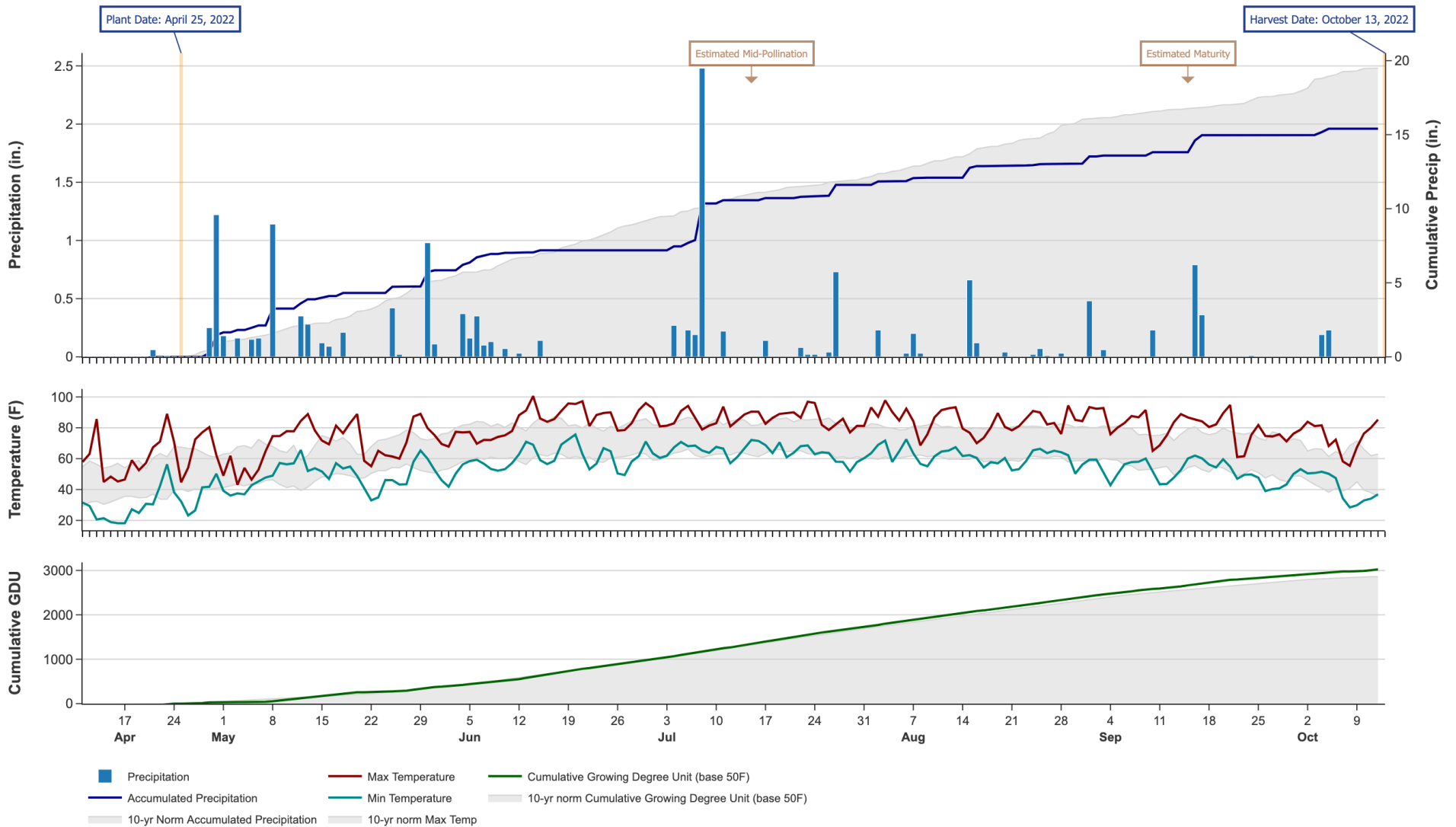
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2022 Corn - Nebraska Northeast [NENE]

Weather Conditions Summary at ELGIN, NE

Weather Data Retrieved: 10/13/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	1.5 2.0 (-0.5)	4.4 4.5 (-0.2)	1.4 4.0 (-2.7)	4.4 2.9 (+1.5)	1.4 4.0 (-2.5)	1.9 1.7 (+0.2)	0.4 1.7 (-1.3)	15.5 20.9 (-5.4)
GDU Normal (Diff)	95 52 (+42)	339 310 (+28)	603 626 (-23)	744 719 (+24)	676 632 (+43)	495 454 (+40)	132 82 (+49)	3084 2877 (+206)



* 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.

2022 Corn - Nebraska Northeast [NENE]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1259-5222 GC	DV	Y*	109	AVC,C2
Augusta	A1359 VT2P GC	VT2P	N	108	CM,C2
Channel	207-87VT2PRIB GC	VT2P	Y	107	AC,P5,B360
Channel	209-89STXRIB GC	STX	Y	109	AC,P5V,EDC-EL
DeKalb	DKC56-65RIB GC	STX	Y	106	AC,P5
DeKalb	DKC58-35RIB GC	VT2P	Y	108	AC,P5
DeKalb	DKC59-81RIB GC	STX	Y	109	AC,P5V,EDC-EL
Dyna-Gro	D48VC84	VT2P	N	108	AC,P5V
Dyna-Gro	D49VC53	VT2P	N	109	AC,P5V
Dyna-Gro	D50VC09RIB	VT2P	N	110	AC,P5V
Four Star	6D52RIB	VT2P	Y	110	AC,P2
Four Star	6D59	VT2P	Y	110	AC,P2
Golden Harvest	G09T26-AA	AA	Y	109	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
Hefty	H5655	TRE	N	106	HC
Hefty	H5832	VT2P	N	108	HC
Hefty	H5862	VT2P	N	108	HC
Hefty	H5944	STX	N	109	HC
Hefty	H5952	VT2P	N	109	HC
Heine	7925 SS	STX	N	109	AC,P5V,EDC-EL
Heine	7950STXRIB	STX	Y*	109	P5V
Heine	8010VT2P	VT2P	Y*	110	AC,P2
Heine	8108	VT2P	N	110	AC,P5V,EDC-EL
Heine	8110	STX	N	110	AC,P5V
Hoegemeyer	7523 Q	QR	Y	105	Lum, L1
Hoegemeyer	7843 AM	AM	Y	108	Lum, L1
Hoegemeyer	8052 Q	QR	Y	110	Lum, L1
Inn victis	A0842	STX	N	108	AC,P5V,EDC-B
Inn victis	A0851	VT2P	N	108	Treated
Inn victis	A1062	TRE	N	110	Treated
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P5V,SU+Zn
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU+Zn
Latham	LH 5635 VT2P RIB	VT2P	Y	106	AC,P2
Latham	LH 5646 PCE	PC,E	N	106	AVC,C5,Vi,Va
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	NK0877-V	V	Y	108	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1082-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
Pioneer	P0622Q GC	QR	Y	106	Lum, L1
Pioneer	P0953AM GC	AM	Y	109	Lum, L1

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Pioneer	P1197AM CK	AM	Y	111	Lum, L1
Renk	RK700SSTX	STX	N	108	AC,P5V
Renk	RK774VT2P	VT2P	N	108	AC,P2
Renk	RK801SSTX	STX	N	110	AC,P5V
Renk	RK805VT2P	VT2P	N	110	AC,P2
Rob-See-Co	RC6038-3220A	V	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.

2022 Corn - Nebraska Northeast [NENE]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Channel	212-60TRERIB GC	TRE	Y	112	AC,P5,B360
Channel	213-19STXRIB GC	STX	Y	113	AC,P5V,EDC-B
DeKalb	DKC62-22RIB GC	VT2P	Y	112	AC,P5
Dyna-Gro	D52DC82RIB	VT2PDG	N	112	AC,P5V
Dyna-Gro	D54VC34RIB	VT2P	N	114	AC,P5V
Four Star	EXP 2264	TRE	Y	112	AC,P2
Four Star	EXP 2272	VT2P	Y	114	AC,P5V,EDC-EL
Four Star	EXP 2277	TRE	Y	115	AC,P5V,EDC-EL
Golden Harvest	G11V76-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G15J91-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Hefty	H6132	VT2P	N	111	HC
Hefty	H6145 TRERIB	TRE	Y	111	HC
Hefty	H6263	VT2PDG	N	112	HC
Hefty	H6355	TRE	N	113	HC
Hefty	H6532 VT2PRIB	VT2P	Y	115	HC
Heine	8260	STX	N	112	AC,P5V
Heine	8370	VT2PDG	N	113	AC,P5V
Heine	8420VT2PRIB	VT2P	Y*	114	AC,P2
Heine	844VT2PRIB	VT2P	Y	112	AC,P5V,EDC-EL
Heine	8530 VT2P	VT2P	N	115	AC,P5V,EDC-EL
Hoegemeyer	8303 AM	AM	Y	113	Lum
Hoegemeyer	8370 AM	AM	Y	113	Lum, L1
Hoegemeyer	8454 Q	QR	Y	114	Lum, L1
Innotech	IC6350-5222	DV	Y	113	AVC,C5,Vi,Va
Innactivis	A1192	STX	N	111	AC,P5V,EDC-B
Integra	6284 VT2PRIB	VT2P	Y	112	AC,P5V,SU+Zn
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU+Zn
Integra	6555 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
Integra	6588 VT2PRIB	VT2P	Y	115	AC,P5V,SU+Zn
NK Brand	NK1188-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1523-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Pioneer	P1185AM GC	AM	Y	111	Lum
Pioneer	P1197AM CK	AM	Y	111	Lum, L1
Pioneer	P1244AM GC	AM,AQ	Y	112	Lum, L1
ProHarvest	82P29 VT2PRIB	VT2P	Y	112	AC,P2
ProHarvest	8360 VT2PRIB	VT2P	Y	113	AC,P2
ProHarvest	83P33 DGVT2PRIB	VT2PDG	Y	113	AC,P2
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P2
Renk	RK895DGV2P	VT2PDG	N	113	AC,P2
Renk	RK907SSTX	STX	N	115	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK940SSTX	STX	N	115	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK958VT2P	VT2P	N	115	AC,P2
Rob-See-Co	RC6170-5122	D	Y	111	AVC,C2,Vi,Va
Wyffels	W7536DGRIB	VT2PDG	Y	112	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7945	TRE	N	114	AC,P2
Wyffels	W8306	VT2P	N	115	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

^	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

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AQ	Optimum® AQUAmax®
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®

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

Corn Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
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,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AVC,C2	Avicta® Complete 250
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
AVC,C5,Vi,Va	Avicta Complete 500, Vibrance, Vayantis
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.