

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

2021 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] HARTINGTON, NE

Austin Koch, Cedar County, NE

Early-Season Test	105 - 110 Day CRM B2021NENE01a
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Roundup, Enlist One, Liberty, 2,4-D
SOIL DESCRIPTION:	Coleridge silty clay loam, moderately drained, irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, high K, 7.6 pH, 3.9% OM, 27.4 CEC
PEST MANAGEMENT:	Verdict, 2,4-D, Callisto, Atrazine, Roundup, Mustang
FERTILITY - Applied N:	65 Spring, 57 Sidedress, 71 Foliar Rescue, 5# S, 7.5# B
Applied N-P-K (units):	194-100-50
SEEDED - RATE - ROW:	May 3 35.7 /A 30" spacing
HARVESTED - STAND:	Oct 23 33.9 /A

TEST COMMENTS:

Austin reported that his field was hot and dry most of April into June. Emergence was excellent and stands were uniform across the site. Fertility on this farm is very high and when combined with well-timed irrigation, plants were able to grow quickly and produced large, thick ears. The result was very tall plants, some approaching 12ft tall, high ear placement, and very deep kernels with high test weight (58+ lbs/bu). Plant health was excellent and a few leaves and stalks of some hybrids were still green at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	5802 VT2PRIB ↗	VT2P	108	306.8	16.6	0	34.2	1629	1
Integra	6061 TRERIB ↗	TRE	110	306.1	18.3	0	34.2	1612	3
Heine	8220VT2PRIB ↗	VT2P	110	304.6	16.9	0	34.2	1615	2
Channel	207-87VT2PRIB GC ↗	VT2P	107	299.4	15.5	0	34.2	1598	4
Latham	LH 6097 VT2P RIB ↗	VT2P	110	297.8	15.8	0	34.2	1587	5
NK Brand	NK1082-5222A EZR ↗	5222A	110	297.7	18.0	0	34.2	1570	7
Renk	RK782VT2P ↗	VT2P	109	295.9	17.5	0	34.2	1565	8
Golden Harvest	G10L16-3220A EZR ↗	3220A	110	295.8	18.6	0	33.5	1556	9
Hefty	H5832 RIB ↗	VT2P	108	295.0	14.7	3	34.2	1578	6
Dyna-Gro	D51VC41 ↗	VT2P	110	292.9	19.2	0	34.2	1537	13
Heine	7950STX ↗	STX	109	290.7	15.6	0	34.2	1551	10
Heine	8010VTP2 ↗	VT2P	110	290.5	17.4	0	33.5	1537	14
Latham	LH 5847 VT2P RIB ↗	VT2P	108	289.1	18.1	0	32.9	1524	17
Renk	RK710DGVT2P ↗	VT2PDG	107	288.6	14.8	0	32.9	1544	12
Four Star	6D52RIB ↗	VT2P	110	288.3	18.6	0	34.2	1517	19
Dyna-Gro	D50VC09 ↗	VT2P	110	288.0	16.3	0	32.9	1531	15
Channel	207-42STXRIB GC ↗	STX	107	286.8	16.0	1	33.5	1527	16
Rob-See-Co	RC5940-3120A ↗	3120A	109	286.0	16.5	0	34.2	1519	18
Four Star	EXP 2201 ↗	VT2P	109	285.3	16.9	0	34.2	1513	20
Hefty	H5812 RIB ↗	VT2P	108	285.0	16.8	0	34.2	1512	21
Rob-See-Co	RC6038-3220A ↗	3220A	110	282.8	18.6	0	34.2	1488	25
Latham	LH 5725 VT2P RIB ↗	VT2P	107	281.1	14.7	0	34.2	1504	22
Renk	RK700SSTX ↗	STX	107	281.1	16.9	0	34.2	1491	24
Hefty	H5655 ↗	TRE	106	279.4	14.3	0	34.2	1495	23
Renk	RK805VT2P ↗	VT2P	110	278.9	15.9	0	34.2	1486	28
Heine	795VT2PRIB ↗	VT2P	108	278.8	15.7	0	34.2	1487	26
Hoegemeyer	8084AM ↗	AM	110	278.5	15.4	0	34.2	1487	27
Hefty	H5944 RIB ↗	STX	109	277.8	16.5	0	33.5	1476	30
Latham	LH 5635 VT2P RIB ↗	VT2P	106	277.1	15.0	0	34.2	1482	29
Hefty	H5952 ↗	VT2P	109	276.7	16.9	0	33.5	1467	31
Pioneer	P1197AM CK	AM	111	291.1	16.8	0	34.2	1544	11
				Averages =	282.6	16.7	2	33.9	1499
				LSD (0.10) =	13.0	1.1	ns		
				LSD (0.25) =	6.8	0.6	ns		
				C.V. =	4.4				
				Historic yield: 173.82 bu/a, 10 yr(s)					

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

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

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2021 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] HARTINGTON, NE
Austin Koch, Cedar County, NE

Full-Season Test	111 - 114 Day CRM B2021NENE01b
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
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PEST MANAGEMENT:	Verdict, 2,4-D, Callisto, Atrazine, Roundup, Mustang
FERTILITY - Applied N:	65 Spring, 57 Sidedress, 71 Foliar Rescue, 5# S, 7.5# B
Applied N-P-K (units):	194-100-50
SEEDED - RATE - ROW:	May 3 35.7 /A 30" spacing
HARVESTED - STAND:	Oct 23 34.1 /A

TEST COMMENTS:

Austin reported that his field was hot and dry most of April into June. Emergence was excellent and stands were uniform across the site. Fertility on this farm is very high and when combined with well-timed irrigation, plants were able to grow quickly and produced large, thick ears. The result was very tall plants, some approaching 12ft tall, high ear placement, and very deep kernels with high test weight (58+ lbs/bu). Plant health was excellent and a few leaves and stalks of some hybrids were still green at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	6555 VT2PRIB ↗	VT2P	114	312.3	18.9	0	34.2	1640	1
Jacobsen	JS7607VT2PRO GC ↗	VT2P	112	306.1	17.0	0	34.2	1622	2
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	305.6	17.9	0	34.2	1613	3
ProHarvest	83P33 DGV2PRIB ↗	VT2PDG	113	305.1	18.0	0	34.2	1609	4
Hefty	H6145 TRERIB ↗	TRE	112	303.5	18.5	6	34.2	1597	5
Four Star	EXP 2202 ↗	VT2P	111	301.2	17.7	0	34.2	1591	6
Heine	8185TRE ↗	TRE	111	301.2	18.9	0	34.2	1582	7
Wyffels	W7876RIB ↗	VT2P	114	299.7	18.0	0	34.2	1581	8
Renk	RK937VT2P ↗	VT2P	113	298.6	17.6	0	32.9	1578	9
Wyffels	W7536DG ↗	VT2PDG	112	297.1	18.3	8	34.2	1565	11
Hoegemeyer	8447AM ↗	AM	114	297.0	19.1	0	34.2	1559	13
Golden Harvest	G11V76-3120 EZR ↗	3120	111	296.9	18.3	0	34.2	1564	12
Heine	831VT2PRIB ↗	VT2P	112	296.8	16.9	0	34.2	1574	10
Wyffels	W7956RIB ↗	VT2P	114	296.7	20.5	0	34.2	1547	15
Heine	8420VT2PRO ↗	VT2P	114	294.3	18.8	3	34.2	1546	17
Hoegemeyer	8188Q ↗	QR	111	293.4	16.6	0	34.2	1558	14
Renk	RK821SSTX ↗	STX	111	292.2	17.3	0	34.2	1547	16
Heine	8500VT2PDGRIB ↗	VT2PDG	113	292.0	20.3	0	34.2	1524	22
Hefty	H6252 ↗	VT2P	112	290.7	17.9	5	34.2	1534	19
Heine	844VT2PRIB ↗	VT2P	112	289.8	18.2	0	34.2	1527	20
ProHarvest	81P88 TRERIB ↗	TRE	111	289.2	18.0	0	34.2	1526	21
Golden Harvest	G13H15-3120 EZR ↗	3120	113	288.7	19.4	0	33.5	1513	23
ProHarvest	8360 VT2PRIB ↗	VT2P	113	288.5	19.5	0	34.2	1511	24
Integra	6410 VT2PRIB ↗	VT2P	114	286.0	21.0	0	34.2	1487	26
Hefty	H6244 RIB ↗	STX	112	285.2	20.4	3	34.2	1487	27
Channel	214-22STXRIB GC ↗	STX	114	283.4	19.2	0	34.2	1487	28
Renk	RK826VT2P ↗	VT2P	111	282.1	16.7	0	34.2	1497	25
Channel	211-66VT2P GC ↗	VT2P	111	281.7	18.1	5	33.5	1485	30
Hefty	H6132 RIB ↗	VT2P	111	281.0	17.4	3	34.2	1486	29
Renk	RK882TRE ↗	TRE	111	279.2	17.4	3	34.2	1477	31
Pioneer	P1197AM CK	AM	111	289.7	16.9	0	33.5	1536	18
				Averages =	287.6	18.6	1	34.1	1513
				LSD (0.10) =	12.4	1.5	ns		
				LSD (0.25) =	6.5	0.8	ns		
				C.V. =	4.1				
corey.rozenboom@firstseedtests.com, (319) 830-8886				Historic yield: 173.82 bu/a, 10 yr(s)					

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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

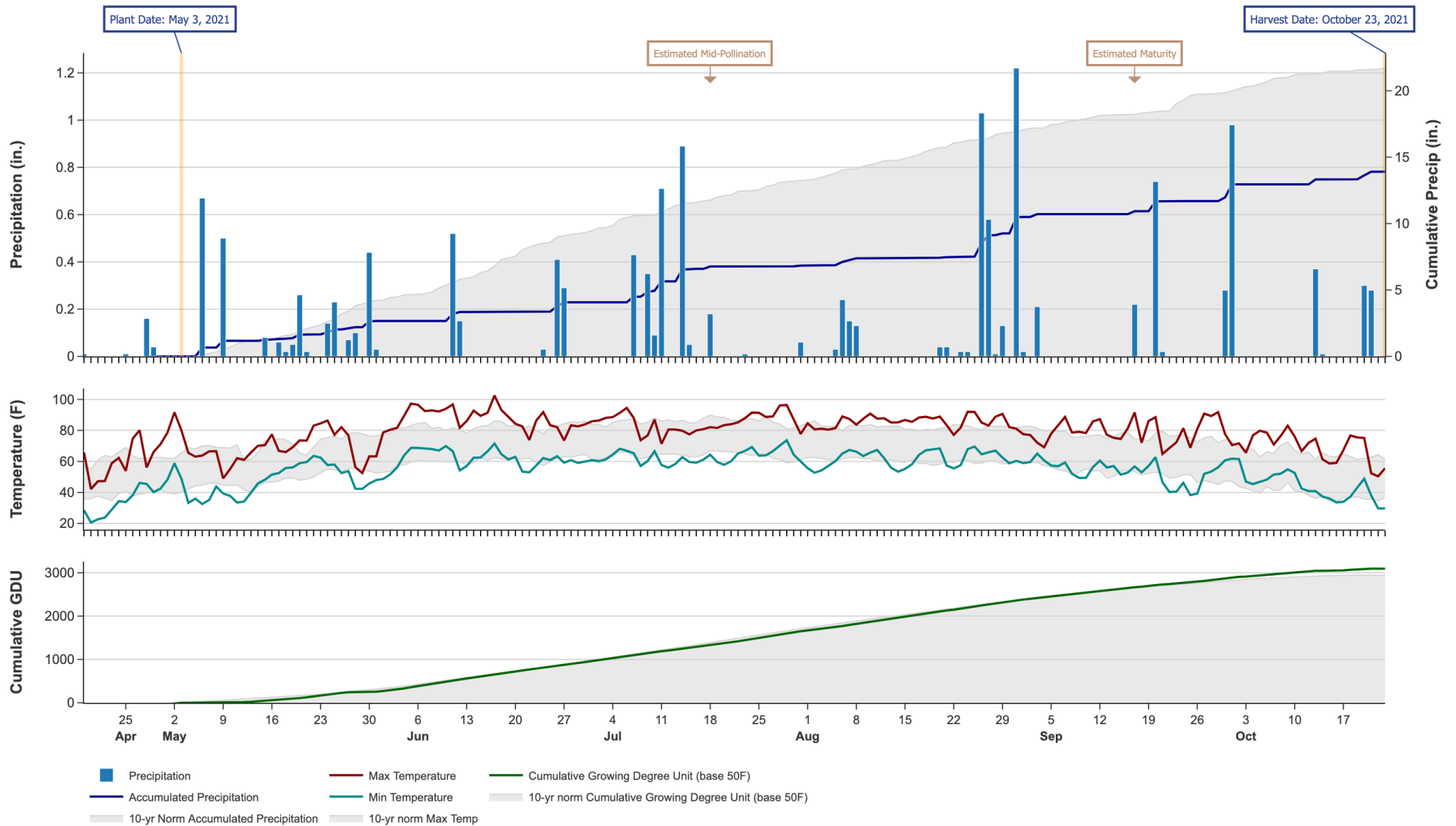
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2021 Corn - Nebraska Northeast [NENE]

Weather Conditions Summary at HARTINGTON, NE

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.2 1.5 (-1.3)	2.7 5.0 (-2.3)	1.4 5.1 (-3.7)	2.8 4.0 (-1.2)	3.6 3.6 (-0.0)	1.5 2.9 (-1.4)	1.9 1.9 (+0.1)	14.1 24.0 (-9.8)
GDU Normal (Diff)	49 49 (0)	309 336 (-27)	683 636 (+46)	711 755 (-44)	713 661 (+51)	509 451 (+57)	221 121 (+99)	3195 3012 (+182)



* 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

[^] 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.