

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

2021 Corn Grain Top 30 Harvest Report

Nebraska Northeast [NENE] WAYNE, NE
Kelly Meyer, Dixon County, NE 68787

Early-Season Test	105 - 110 Day CRM B2021NENE03a
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Zidua Pro, Roundup Powermax, Warrant Ultra, Section Three
SOIL DESCRIPTION:	Moody silty clay loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 4.9 pH, 3.6% OM, 31.8 CEC
PEST MANAGEMENT:	Triple Flex, 2-4d, Roundup Powermax, Atrazine, Mesotrione
FERTILITY - Applied N:	106 Spring, 70 Sidedress, 12.4# S
Applied N-P-K (units):	176-64-62
SEEDED - RATE - ROW:	May 5 35.7 /A 30" spacing
HARVESTED - STAND:	Oct 23 33.8 /A

TEST COMMENTS:

Rainfall during the first half of the growing season was spread out well and allowed for good emergence and stands. Then the faucet shut off. From mid-June through the end of August rainfall accumulations were about 0.6". Some tipback from 1-2 in. was common across most hybrids. In spite of overall dry conditions, no-tilling into this Moody silty clay loam conserved moisture. Plant heights were tall and ear placement was typically +5 ft. The late Aug showers were just in time and really helped fill kernels ahead of black layer.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	5802 VT2PRIB ↗	VT2P	108	246.7	17.5	0	34.2	1304	1
Heine	8010VTP2 ↗	VT2P	110	239.6	19.4	0	34.2	1256	2
Heine	7910VT2PRO ↗	VT2P	109	237.3	19.8	0	32.9	1241	4
Dyna-Gro	D50VC09 ↗	VT2P	110	236.0	17.6	3	34.2	1247	3
Integra	6061 TRERIB ↗	TRE	110	233.3	18.8	14	34.2	1226	5
Heine	795VT2PRIB ↗	VT2P	108	231.8	17.6	0	34.2	1225	6
Hefty	H5952 ↗	VT2P	109	231.5	18.9	0	33.5	1216	8
Renk	RK765VT2PRIB ↗	VT2P	109	230.8	17.7	0	32.2	1219	7
NK Brand	NK0821-5122A EZR ↗	5122A	108	229.5	18.4	0	34.2	1208	9
Dyna-Gro	D51VC41 ↗	VT2P	110	229.5	19.1	8	34.2	1204	11
Latham	LH 5725 VT2P RIB ↗	VT2P	107	228.0	17.3	0	34.2	1207	10
Hefty	H5832 RIB ↗	VT2P	108	227.9	17.6	0	34.2	1204	12
Renk	RK805VT2P ↗	VT2P	110	227.0	18.2	5	34.2	1196	14
Four Star	6D52RIB ↗	VT2P	110	226.3	18.6	16	34.2	1190	17
Latham	LH 5635 VT2P RIB ↗	VT2P	106	226.2	16.6	0	34.2	1201	13
Latham	LH 5847 VT2P RIB ↗	VT2P	108	226.0	18.3	3	34.2	1191	16
Latham	LH 5646 PCE ↗	PC,E	106	225.3	16.9	0	34.2	1195	15
Channel	207-42STXRIB GC ↗	STX	107	225.0	18.3	5	33.5	1185	18
Heine	7950STX ↗	STX	109	224.5	17.9	0	33.5	1185	19
Latham	LH 6097 VT2P RIB ↗	VT2P	110	224.4	18.2	0	34.2	1183	20
Golden Harvest	G07G73-5122 EZR ↗	5122	107	223.9	18.6	0	32.9	1178	22
Golden Harvest	G10L16-3220A EZR ↗	3220A	110	223.4	18.7	0	33.5	1175	23
Rob-See-Co	RC5940-3120A ↗	3120A	109	223.4	17.6	0	32.9	1181	21
Renk	RK782VT2P ↗	VT2P	109	223.0	19.3	0	33.5	1169	25
Rob-See-Co	RC6038-3220A ↗	3220A	110	222.0	18.7	3	34.2	1167	26
NK Brand	NK1082-5222A EZR ↗	5222A	110	221.9	18.8	3	34.2	1166	27
Channel	207-87VT2PRIB GC ↗	VT2P	107	221.0	17.2	0	34.2	1170	24
Hoegemeyer	8009AM ↗	AM	110	220.6	18.0	5	33.5	1163	28
Hoegemeyer	7772Q ↗	QR	107	220.3	18.0	0	33.5	1162	29
Integra	5682 VT2PRIB ↗	VT2P	106	217.5	16.6	12	32.9	1155	30
Pioneer	P1197AM CK	AM	111	214.4	19.0	3	34.2	1126	37
				Averages =	223.5	18.1	3	33.8	1179
				LSD (0.10) =	8.4	0.5	7		
				LSD (0.25) =	4.4	0.3	3		
				C.V. =	3.5				
				Historic yield: 208.96 bu/a, 9 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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Full-Season Test	111 - 114 Day CRM B2021NENE03b
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
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SOIL DESCRIPTION:	Moody silty clay loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, very high K, 4.9 pH, 3.6% OM, 31.8 CEC
PEST MANAGEMENT:	Triple Flex, 2-4d, Roundup Powermax, Atrazine, Mesotrione
FERTILITY - Applied N:	106 Spring, 70 Sidedress, 12.4# S
Applied N-P-K (units):	176-64-62
SEEDED - RATE - ROW:	May 5 35.7 /A 30" spacing
HARVESTED - STAND:	Oct 23 33.9 /A

TEST COMMENTS:

Rainfall during the first half of the growing season was spread out well and allowed for good emergence and stands. Then the faucet shut off. From mid-June through the end of August rainfall accumulations were about 0.6". Some tipback from 1-2 in. was common across most hybrids. In spite of overall dry conditions, no-tilling into this Moody silty clay loam conserved moisture. Plant heights were tall and ear placement was typically +5 ft. The late Aug showers were just in time and really helped fill kernels ahead of black layer.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	252.7	19.7	5	34.2	1322	1
Wyffels	W7416 ↗	VT2P	112	248.7	20.3	0	34.2	1297	2
Wyffels	W7536DG ↗	VT2PDG	112	247.1	19.6	0	33.5	1294	3
Channel	214-22STXRIB GC ↗	STX	114	246.2	21.1	0	34.2	1279	4
ProHarvest	8360 VT2PRIB ↗	VT2P	113	244.4	20.8	0	32.9	1272	6
ProHarvest	84P93 DGVT2PRIB ↗	VT2PDG	114	242.8	19.2	0	33.5	1273	5
Hefty	H6252 ↗	VT2P	112	242.1	18.9	0	34.2	1271	7
Hefty	H6244 RIB ↗	STX	112	241.7	20.0	3	34.2	1263	9
Heine	8185TRE ↗	TRE	111	241.3	19.2	8	34.2	1266	8
Four Star	EXP 2202 ↗	VT2P	111	240.2	19.4	0	34.2	1258	10
Channel	214-78DGVT2PRIB GC ↗	VT2PDG	114	240.1	19.7	0	34.2	1257	11
Heine	831VT2PRIB ↗	VT2P	112	239.3	18.9	6	34.2	1257	12
Renk	RK895DGVT2P ↗	VT2PDG	113	239.3	19.2	0	33.5	1255	14
Jacobsen	JS7607VT2PRO GC ↗	VT2P	112	239.0	18.8	0	34.2	1256	13
Wyffels	W7876RIB ↗	VT2P	114	238.2	21.0	5	34.2	1238	15
Wyffels	W7956RIB ↗	VT2P	114	237.1	20.9	0	33.5	1234	17
ProHarvest	81P88 TRERIB ↗	TRE	111	236.4	19.5	0	34.2	1238	16
NK Brand	NK1188-5122 EZR ↗	5122	111	236.2	20.4	0	34.2	1232	18
Renk	RK882TRE ↗	TRE	111	235.0	19.4	3	32.2	1231	19
Renk	RK937VT2P ↗	VT2P	113	234.9	19.3	0	34.2	1231	20
Renk	RK821SSTX ↗	STX	111	234.5	19.5	14	34.2	1228	21
Integra	6555 VT2PRIB ↗	VT2P	114	233.6	20.2	0	34.2	1219	23
Hefty	H6145 TRERIB ↗	TRE	112	233.4	19.6	3	34.2	1222	22
Dyna-Gro	D54VC34 ↗	VT2P	114	233.4	20.1	3	34.2	1219	24
Channel	211-66VT2P GC ↗	VT2P	111	232.9	20.8	0	33.5	1212	25
Hefty	H6132 RIB ↗	VT2P	111	230.2	19.0	6	34.2	1209	26
Pioneer	P1353Q GC ↗	QR	114	229.7	21.0	0	33.5	1194	29
Renk	RK826VT2P ↗	VT2P	111	229.4	18.5	0	34.2	1207	27
Heine	8500VT2PDGRIB ↗	VT2PDG	113	229.4	20.3	0	34.2	1197	28
Heine	8420VT2PRO ↗	VT2P	114	228.5	20.8	3	34.2	1190	30
Pioneer	P1197AM CK	AM	111	215.7	18.9	0	34.2	1133	39

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Averages = **232.7** **20.0** **2** **33.9** **1216**

LSD (0.10) = 9.7 0.7 4

LSD (0.25) = 5.1 0.4 2

C.V. = 4.0 Historic yield: 208.96 bu/a, 9 yr(s)

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

Report Date: 10/24/2021

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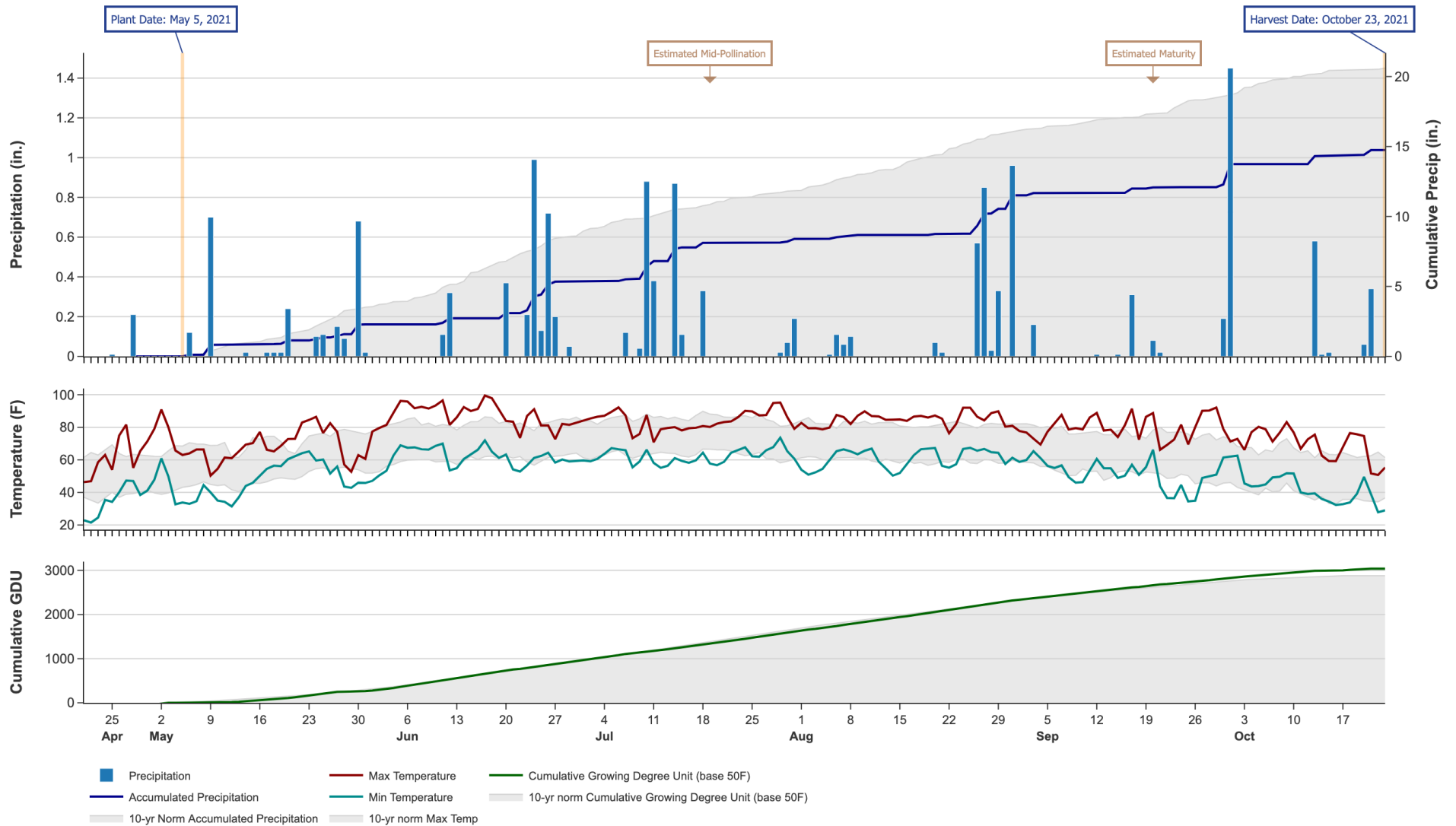
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2021 Corn - Nebraska Northeast [NENE]

Weather Conditions Summary at WAYNE, NE

Weather Data Retrieved: 10/24/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.2 1.1 (-0.9)	2.3 4.4 (-2.1)	3.1 5.1 (-2.0)	3.0 3.2 (-0.2)	3.1 4.2 (-1.1)	0.8 2.5 (-1.7)	2.5 2.0 (+0.4)	15.0 22.6 (-7.6)
GDU Normal (Diff)	49 50 (-1)	317 337 (-20)	672 632 (+39)	691 743 (-52)	692 644 (+47)	499 441 (+57)	221 120 (+100)	3141 2969 (+171)



* 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	RK710DGVTP2	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.