

Test by: Agri Seed Research, LLC Louisburg, KS

2021 Corn Grain Top 30 Harvest Report

Nebraska Southeast [NESE] UNION, NE
Nick Smith, Cass County, NE 68455

Early-Season Test	107 - 112 Day CRM B2021NESE11a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Authority, Sencor
SOIL DESCRIPTION:	Judson silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, medium K, 6.6 pH, 4.6% OM, 18.4 CEC
PEST MANAGEMENT:	Metolachlor, Mesotrione, Atrazine, Glyphosate, 2,4-D
FERTILITY - Applied N:	160 Spring
Applied N-P-K (units):	160-55-35
SEEDED - RATE - ROW:	May 3 31.9 /A 30" spacing
HARVESTED - STAND:	Nov 22 28.0 /A

TEST COMMENTS:

This site was planted into a clean seedbed and looked good early. Timely rains fell in June and July, then September was warm and dry. The first week of July this site had a 60 mph wind storm that caused some greensnap within the plot. At harvest, lodging from the wind storm was evident. Some hybrids fared better than others. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Four Star	EXP 2201 ↗	VT2P	109	189.8	14.5	7	28.4	996	1
Augusta	A1259-5222 GC ↗	5222	109	188.0	14.8	4	27.7	987	2
Hefty	H6145 TRERIB ↗	TRE	112	185.2	14.6	8	27.4	972	3
Four Star	EXP 2202 ↗	VT2P	111	182.2	14.8	7	27.9	957	4
Augusta	A4961-5122-EZ ↗	5122	111	182.0	14.3	7	27.9	956	5
Wyffels	W7536DG ↗	VT2PDG	112	180.0	14.6	7	27.9	945	6
Augusta	A1457-5122-EZ GC ↗	5122	107	178.8	14.7	4	28.4	939	7
Augusta	A6362-5122-EZ ↗	5122	112	178.7	14.7	11	27.7	938	8
Hefty	H5832 RIB ↗	VT2P	108	178.6	14.7	8	28.6	938	9
Renk	RK826VT2P ↗	VT2P	111	176.1	14.2	7	27.9	925	11
Renk	RK882TRE ↗	TRE	111	175.3	14.6	8	27.9	920	12
Four Star	6D52RIB ↗	VT2P	110	173.3	14.9	5	27.7	909	13
Pioneer	P1289AM GC ↗	AM	112	172.8	14.6	8	28.4	907	14
Taylor	9012 VT2DG ↗	VT2PDG	112	172.8	14.5	6	27.2	907	15
Renk	RK821SSTX ↗	STX	111	172.7	14.5	11	27.7	907	16
Taylor	8013 VT2PDGRIB ↗	VT2PDG	112	172.2	14.6	8	28.4	904	17
NK Brand	NK1082-5222A EZR ↗	5222A	110	171.9	14.8	7	27.7	902	18
Taylor	EXP C-112-22 VT2P ↗	VT2P	112	171.8	14.7	5	27.7	902	19
Hefty	H5952 ↗	VT2P	109	171.4	14.5	12	28.2	900	20
Integra	6162 VT2PRIB ↗	VT2P	111	171.1	14.9	7	27.7	898	21
Hefty	H6244 RIB ↗	STX	112	169.6	14.6	11	28.4	890	22
Midland Genetics	570PR RIB ↗	VT2P	112	169.4	15.0	13	27.9	889	23
DeKalb	DKC62-89RIB GC ↗	TRE	112	168.7	14.8	10	28.7	886	24
Augusta	A6162-5222-EZ ↗	5222	112	168.6	14.6	13	27.7	885	25
Integra	6061 TRERIB ↗	TRE	110	167.0	14.7	12	27.4	877	26
Hefty	H6042 RIB ↗	VT2P	110	167.0	14.8	14	28.2	877	27
Taylor	EXP C-111-22 VT2P ↗	VT2P	111	167.0	14.6	10	28.2	877	28
Wyffels	W7416 ↗	VT2P	112	166.4	14.6	10	27.7	874	29
NK Brand	NK1188-5122 EZR ↗	5122	111	166.3	14.4	8	27.7	873	30
Hoegemeyer	8233AM ↗	AM,AQ	112	166.3	14.8	5	27.9	873	31
DeKalb	DKC60-80RIB CK	VT2P	110	176.4	14.6	7	28.4	926	10

Adam Stuteville

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Averages = **171.0** **14.6** **9** **28.0** **898**

LSD (0.10) = 10.7 0.2 ns

LSD (0.25) = 5.6 0.1 ns

C.V. = 6.9 Historic yield: 203.11 bu/a, 9 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$5.25

Report Date: 11/23/2021

† 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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Nick Smith, Cass County, NE 68455

Full-Season Test	113 - 117 Day CRM B2021NESE11b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Authority, Sencor
SOIL DESCRIPTION:	Judson silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, medium K, 6.6 pH, 4.6% OM, 18.4 CEC
PEST MANAGEMENT:	Metolachlor, Mesotrione, Atrazine, Glyphosate, 2,4-D
FERTILITY - Applied N:	160 Spring
Applied N-P-K (units):	160-55-35
SEEDED - RATE - ROW:	May 3 31.9 /A 30" spacing
HARVESTED - STAND:	Nov 22 28.0 /A

TEST COMMENTS:

This site was planted into a clean seedbed and looked good early. Timely rains fell in June and July, then September was warm and dry. The first week of July this site had a 60 mph wind storm that caused some greensnap within the plot. At harvest, lodging from the wind storm was evident. Some hybrids fared better than others. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK915VT2P ↗	VT2P	115	189.7	15.0	8	27.7	996	1
Renk	RK907SSTX ↗	STX	115	187.0	14.7	7	27.4	981	2
Hefty	H6552 ↗	VT2P	115	185.9	14.7	10	27.9	976	3
Taylor	EXP C-114-22 VT2P ↗	VT2P	114	182.7	14.6	11	28.7	959	4
NK Brand	NK1523-3220 EZR ↗	3220	115	181.1	14.8	10	27.7	951	5
Renk	RK895DGVT2P ↗	VT2PDG	113	181.1	15.1	12	27.7	950	6
Integra	6410 VT2PRIB ↗	VT2P	114	179.7	15.2	10	28.4	942	7
Midland Genetics	782PR RIB ↗	VT2P	115	178.9	14.8	8	27.9	939	8
Midland Genetics	662TRE RIB ↗	TRE	113	177.9	14.8	12	28.4	933	9
Dyna-Gro	D54VC34 ↗	VT2P	114	175.2	14.7	10	28.4	920	10
Hefty	H6532 VT2PRIB ↗	VT2P	115	175.1	14.8	14	27.9	919	11
DeKalb	DKC66-18RIB GC ↗	VT2P	116	172.7	15.3	12	27.9	905	12
Augusta	A5166-3220 ↗	3220	116	172.0	14.8	12	27.9	902	13
Taylor	8877 VT2PRORIB ↗	VT2P	116	170.1	14.6	11	27.9	893	14
Midland Genetics	801PR RIB ↗	VT2P	117	170.1	14.7	15	27.9	893	15
Golden Harvest	G13D55-3220 EZR ↗	3220	113	169.5	15.1	15	28.2	889	16
Renk	RK945DGVT2P ↗	VT2PDG	116	169.5	15.1	10	28.9	889	17
Dyna-Gro	D55VC80 ↗	VT2P	115	169.5	14.7	15	28.2	889	18
Hoegemeyer	8371AML ↗	AML	113	169.4	14.7	8	27.7	889	19
Integra	6342 TRERIB ↗	TRE	113	166.1	15.2	14	27.7	871	20
Golden Harvest	G15J91-3220 EZR ↗	3220	115	163.9	14.5	13	28.2	860	21
Hoegemeyer	8707AM ↗	AM	117	163.6	15.3	15	28.2	857	22
Midland Genetics	669PR RIB ↗	VT2P	114	163.5	15.2	15	28.4	857	23
Wyffels	W8936DGRIB ↗	VT2PDG	117	162.2	14.8	15	28.2	852	24
Pioneer	P1572AM GC ↗	AM	115	162.0	14.4	18	28.4	850	25
Hefty	H6355 ↗	TRE	113	161.3	15.0	14	27.9	847	26
Golden Harvest	G16Q82-5222A EZR ↗	5222A	116	161.1	14.8	14	27.9	846	27
NK Brand	NK1661-5222A EZR ↗	5222A	116	159.9	15.0	19	28.2	839	28
Midland Genetics	621PR RIB ↗	VT2P	114	159.7	14.8	19	27.9	838	29
Wyffels	W7876RIB ↗	VT2P	114	156.3	14.7	17	27.7	821	31
DeKalb	DKC60-80RIB CK	VT2P	110	157.1	15.0	15	27.7	825	30

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Averages =	166.0	14.9	14	28.0	871
LSD (0.10) =	17.7	0.2	ns		
LSD (0.25) =	9.3	0.1	ns		
C.V. =	11.7				

Historic yield: 203.11 bu/a, 9 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$5.25

Report Date: 11/23/2021

† 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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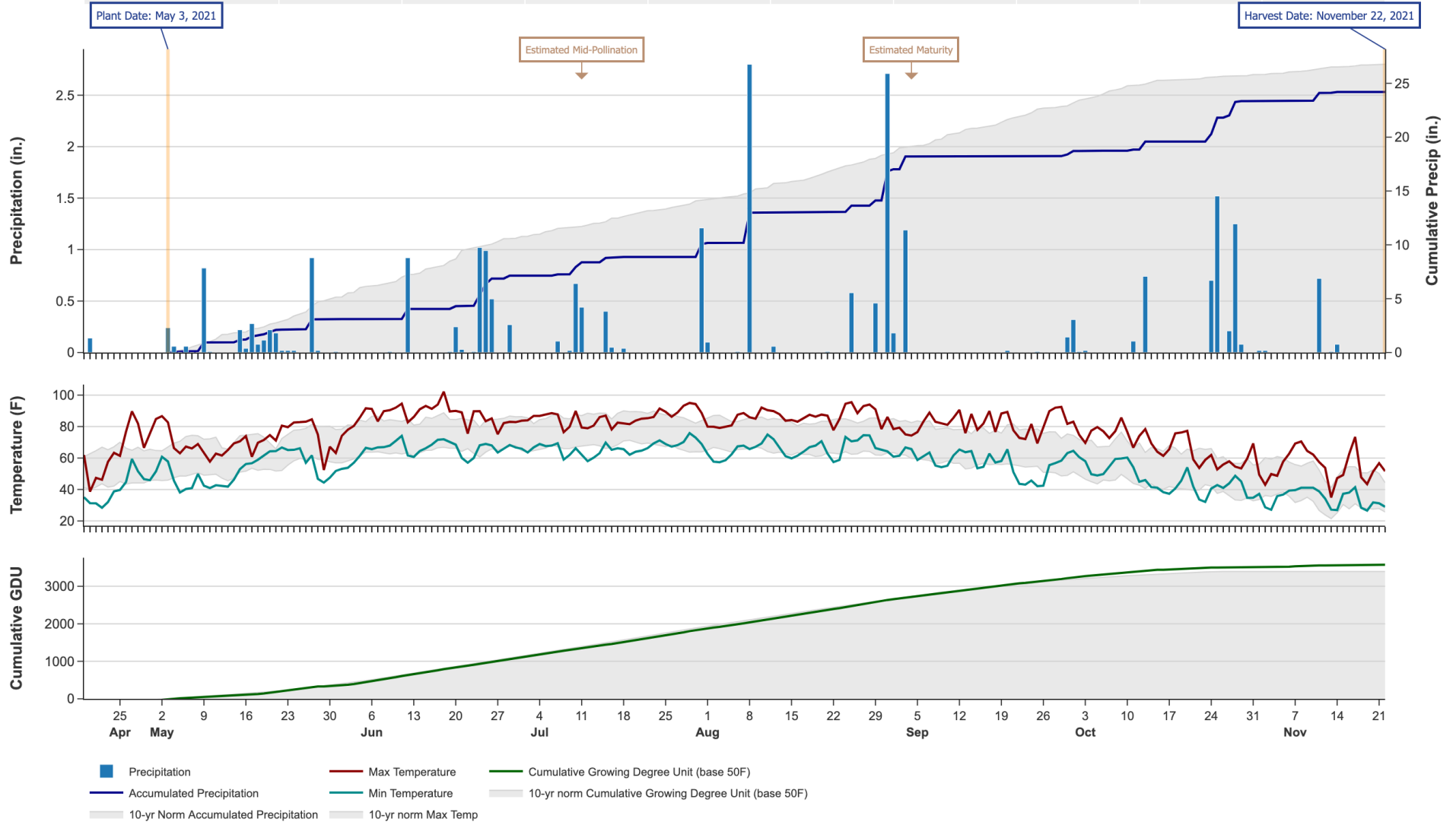
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2021 Corn - Nebraska Southeast [NESE]

Weather Conditions Summary at UNION, NE

Weather Data Retrieved: 11/23/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	0.1 1.7 (-1.6)	3.4 5.7 (-2.3)	4.0 5.5 (-1.4)	2.9 3.5 (-0.6)	6.8 4.3 (+2.5)	1.6 4.5 (-2.9)	5.0 2.9 (+2.1)	0.8 0.9 (-0.1)	24.6 29.0 (-4.4)
GDU Normal (Diff)	86 92 (-6)	409 406 (+2)	734 714 (+19)	780 813 (-33)	775 741 (+33)	581 524 (+56)	299 215 (+83)	58 0 (+58)	3722 3509 (+212)



* 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 Southeast [NESE]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1060-3330 GC	3330	N	110	Treated
Augusta	A1259-5222 GC	5222	N	109	CM,C2
Augusta	A1457-5122-EZ GC	5122	Y	107	AVC,C2
Augusta	A4961-5122-EZ	5122	Y	111	CM,C2
Augusta	A6162-5222-EZ	5222	Y	112	CM,C2
Augusta	A6362-5122-EZ	5122	Y	112	AVC,C5
DeKalb	DKC60-80RIB CK	VT2P	Y	110	AC,P5,B360
DeKalb	DKC62-89RIB GC	TRE	Y	112	AC,P5,B360
Four Star	6D52RIB	VT2P	Y	110	AC,P2
Four Star	EXP 2201	VT2P	Y	109	Treated
Four Star	EXP 2202	VT2P	Y	111	AC,P5V,B-300
Golden Harvest	G10L16-3220A EZR	3220A	Y	110	AVC,C5,Vi
Hefty	H5832 RIB	VT2P	Y	108	HC
Hefty	H5952	VT2P	N	109	HC
Hefty	H6042 RIB	VT2P	Y	110	HC
Hefty	H6145 TRERIB	TRE	Y	112	HC
Hefty	H6244 RIB	STX	Y	112	HC
Hoegemeyer	8009AM	AM	Y	110	Lum
Hoegemeyer	8084AM	AM	Y	110	Lum
Hoegemeyer	8233AM	AM,AQ	Y	112	Lum
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,EDC-B
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU
Integra	6162 VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B
Midland Genetics	381VLGA EZ1	3220A	Y	108	Edge-CST
Midland Genetics	430PR RIB	VT2P	Y	110	Edge-CST
Midland Genetics	570PR RIB	VT2P	Y	112	Edge-CST
Midland Genetics	660PR DG RIB	VT2PDG	Y	113	Edge-CST
NK Brand	NK1082-5222A EZR	5222A	Y	110	AVC,C5,Vi
NK Brand	NK1188-5122 EZR	5122	Y	111	AVC,C5,Vi
Pioneer	P0995AM GC	AM	N*	109	Lum
Pioneer	P1289AM GC	AM	Y	112	Lum
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P5V
Renk	RK882TRE	TRE	N	111	AC,P2
Taylor	8013 VT2PDGRIB	VT2PDG	Y	112	CM,C2,Vi
Taylor	9012 VT2DG	VT2PDG	N	112	CM,C2,Vi
Taylor	EXP C-111-22 VT2P	VT2P	N	111	AC,P2
Taylor	EXP C-112-22 VT2P	VT2P	N	112	AC,P2
Wyffels	W7416	VT2P	N	112	AC,P2
Wyffels	W7536DG	VT2PDG	N	112	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.

2021 Corn - Nebraska Southeast [NESE]

Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A5166-3220	3220	N	116	AVC,C5
DeKalb	DKC60-80RIB CK	VT2P	Y	110	AC,P5,B360
DeKalb	DKC66-18RIB GC	VT2P	Y	116	AC,P5,B360
Dyna-Gro	D54VC34	VT2P	N	114	AC,P5V
Dyna-Gro	D55VC80	VT2P	N	115	AC,P5V
Golden Harvest	G13D55-3220 EZR	3220	Y	113	AVC,C5,Vi
Golden Harvest	G15J91-3220 EZR	3220	Y	115	AVC,C5,Vi
Golden Harvest	G16Q82-3120A EZR	3120A	Y	116	AVC,C5,Vi
Golden Harvest	G16Q82-5222A EZR	5222A	Y	116	AVC,C5,Vi
Hefty	H6355	TRE	N	113	HC
Hefty	H6423 RIB	VT2PDG	Y	114	HC
Hefty	H6532 VT2PRIB	VT2P	Y	115	HC
Hefty	H6552	VT2P	N	115	HC
Hoegemeyer	8371AML	AML	Y	113	Lum,P1V
Hoegemeyer	8447AM	AM	Y	114	Lum,P1V
Hoegemeyer	8707AM	AM	Y	117	Lum,P1V
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,EDC-B
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Integra	6555 VT2PRIB	VT2P	Y	114	AC,P5V,SU
Integra	6811 VT2PRIB	VT2P	Y	116	AC,P5V,SU
Midland Genetics	621PR RIB	VT2P	Y	114	Edge-CST
Midland Genetics	662TRE RIB	TRE	Y	113	Edge-CST
Midland Genetics	669PR RIB	VT2P	Y	114	Edge-CST
Midland Genetics	782PR RIB	VT2P	Y	115	Edge-CST
Midland Genetics	801PR RIB	VT2P	Y	117	Edge-CST
NK Brand	NK1349-3220 EZR	3220	Y	113	AVC,C5,Vi
NK Brand	NK1523-3220 EZR	3220	Y	115	AVC,C5,Vi
NK Brand	NK1661-5222A EZR	5222A	Y	116	AVC,C5,Vi
Pioneer	P1572AM GC	AM	Y	115	Lum
Renk	RK895DGV2P	VT2PDG	N	113	AC,P5V
Renk	RK907SSTX	STX	N	115	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P5V
Renk	RK937VT2P	VT2P	Y	113	AC,P2
Renk	RK945DGV2P	VT2PDG	Y	116	AC,P2
Taylor	8824 VT2PRIB	VT2P	Y	113	CM,C5,Vi
Taylor	8877 VT2PRORIB	VT2P	Y	116	CM,C2,Vi
Taylor	9915 VT2P	VT2P	N	115	CM,C5,Vi
Taylor	EXP C-114-22 VT2P	VT2P	N	114	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W8936DGRIB	VT2PDG	Y	117	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

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)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
AQ	Optimum® AQUAmax®
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
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,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU	Acceleron® Poncho 500/Votivo, StepUp
AVC,C2	Avicta® Complete 250
AVC,C5	Avicta® Complete 500
AVC,C5,Vi	Avicta® Complete 500, Vibrance
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C5,Vi	CruiserMaxx® 500 with Vibrance
Edge-CST	Vibrance® Cinco + Cruiser® (Midland Genetics)
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.