

Test by: F.I.R.S.T. MSR, Inc. Columbia, MO

2021 Corn Grain Top 30 Harvest Report

Missouri North [MONO] NOVELTY, MO

Brett & Kaley Wilkerson, Knox County, MO 63460

Early-Season Test	107 - 112 Day CRM B2021MONO05a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / 2-4d, Authority Mtz, Enlist, Warrant
SOIL DESCRIPTION:	Putnam silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 6.4 pH, 2.0% OM, 14.1 CEC
PEST MANAGEMENT:	Parallel Plus, Mesotrione, Azoxypop Xtra, Force 6.5g
FERTILITY - Applied N:	130 Spring, 110 Sidedress
Applied N-P-K (units):	240-150-120
SEEDED - RATE - ROW:	May 7 34.2 /A 30" spacing
HARVESTED - STAND:	Oct 8 23.2 /A

TEST COMMENTS:

The site was full of potential, however, May 6-7 planting in this region proved hard to get out of the gate well. This crop struggled to get established with very uneven emergence and reduced stands on the early test. Good and uniform stands on the full season trial end of the field. Brett mentioned to me in late May that he needed corn with snorkels. The full-season trial had no lodging, and no significant disease pressure was observed, with excellent stalk quality. The early-season test was rejected due to water ponding damage.

Company/Brand	Product/Brand	Seeds/ft ²	HR	Yield Bu/a	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/acre	Rank
Topco	8013 VT2P0008B	VT2P00	112	279.2	18.1	1	28.3	1221	1
MR Brand	MR108-2120-028	2120	111	281.4	18.8	1	28.4	1272	2
Midland Genetics	0709-08B	VT2P	112	284.4	18.3	1	28.6	1288	4
Lesco	080740	VT2P00	108	288.9	18.5	1	27.5	1291	3
FG Invision	FG-80174-08B	VT2P	110	293.2	18.9	1		1298	5
Argenta	41204-022	022	108	293.5	18.9	1	28.7	1172	7
Lesco	100719	VT2P	112	293.5	17.3	1	28.2	1187	8
Golden Harvest	010221-2000-028	028	110	294.4	18.5	1	28.7	1195	11
Midland Genetics	0709-08B	VT2P	112	297.3	18.3	1	28.8	1183	9
Topco	8011 VT2P	VT2P	112	298.1	17.1	1	28.5	1148	13
Mr. Tech	708888	VT2P	110	298.1	17.1	1	28.5	1158	12
Mr. Tech	708712	VT2P	110	298.1	17.1	1	27.8	1158	16
Midland Genetics	0814-04-021	021	110	298.1	18.4	1	28.9	1134	14
FG Invision	FG-82174-08B	074	110	298.1	18.8	1	28.5	1128	18
Lesco	107912	VT2P	112	298.5	18.1	1	27.4	1128	17
Mr. Tech	70720	VT2P	110	298.7	17.4	1	28.8	1130	15
FG Invision	FG-81040-08B	VT2P	111	298.8	17.8	1	27.8	1080	19
Green Valley	010102V2P08B	VT2P	111	297.8	18.8	1	24.1	1088	18
Golden Harvest	010274-0102	0102	112	294.8	21.3	1	28.7	1038	23
Bonus	PC0803	080	108	292.8	17.1	1	28.4	1048	20
Bonus	PC0803	080	110	292.8	18.0	1	28.3	1033	21
Argenta	4102	VT2P	111	298.8	18.8	1	27.7	1021	26
FG Invision	FG-81040-08B	074	111	298.8	18.3	1	28.8	1030	22
Midland Genetics	08174-08B	080	111	298.8	18.4	1	24.4	1030	27
Mr. Tech	080348	080	108	298.2	17.3	1	28.2	1024	24
Rank	080210074	074	111	297.7	18.0	1	27.8	1017	28
Topco	8007 VT2P	VT2P	107	297.8	17.2	1	28.8	1021	25
Green Valley	010102V2P08B	VT2P	112	297.2	21.7	1	27.8	987	30
HyFlex	07116	VT2P	112	294.4	20.2	1	22.8	984	31
FG Invision	FG-81074-08B	074	111	291.4	17.8	1	28.8	983	29

REJECTED

William Schelp

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Averages = **207.3** **18.8** **1** **23.2** **1011**

LSD (0.10) = 42.3 1.0 ns

LSD (0.25) = 22.2 0.5 ns

C.V. = 22.4

Historic yield: 250.14 bu/a, 4 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$5.00; non-GMO = \$5.00

Report Date: 10/09/2021

† 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

Missouri North [MONO] NOVELTY, MO
Brett & Kaley Wilkerson, Knox County, MO 63460

Full-Season Test	113 - 116 Day CRM B2021MONO05b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / 2-4d, Authority Mtz, Enlist, Warrant
SOIL DESCRIPTION:	Putnam silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 6.4 pH, 2.0% OM, 14.1 CEC
PEST MANAGEMENT:	Parallel Plus, Mesotrione, Azoxyprop Xtra, Force 6.5g
FERTILITY - Applied N:	130 Spring, 110 Sidedress
Applied N-P-K (units):	240-150-120
SEEDED - RATE - ROW:	May 7 34.2 /A 30" spacing
HARVESTED - STAND:	Oct 8 31.5 /A

TEST COMMENTS:

The site was full of potential, however, May 6-7 planting in this region proved hard to get out of the gate well. This crop struggled to get established with very uneven emergence and reduced stands on the early test. Good and uniform stands on the full season trial end of the field. Brett mentioned to me in late May that he needed corn with snorkels. The full-season trial had no lodging, and no significant disease pressure was observed, with excellent stalk quality. The early-season test was rejected due to water ponding damage.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Midland Genetics	660PR DG RIB ↗	VT2PDG	113	289.1	17.7	1	31.9	1418	1
AgriGold	A645-16VT2RIB GC ↗	VT2P	115	282.9	20.9	1	33.3	1356	4
Taylor	8824 VT2PRIB ↗	VT2P	113	280.3	19.1	1	33.1	1361	2
Taylor	EXP C-114-22 VT2P ↗	VT2P	114	279.2	18.9	1	33.1	1357	3
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	276.3	18.5	1	32.9	1348	5
Lewis	15DP899 ↗	VT2P	115	272.8	20.2	1	31.5	1314	6
Wyffels	W7876RIB ↗	VT2P	114	271.5	20.0	1	31.9	1310	7
NuTech	74B6AM ↗	AM	114	269.5	19.8	1	32.0	1302	8
Lewis	15DT512 ↗	TRE	115	269.0	20.3	1	32.1	1295	10
Integra	6555 VT2PRIB ↗	VT2P	114	267.7	18.9	1	31.7	1302	9
FS InVision	FS 6606T RIB ↗	TRE	116	267.7	20.6	1	32.6	1286	12
Burrus	POWER PLUS 6J92AM ↗	AM	113	263.8	19.2	1	31.5	1280	13
NK Brand	NK1661-3120A EZR ↗	3120A	116	263.6	21.3	1	31.8	1260	17
Wyffels	W8936DGRIB ↗	VT2PDG	117	262.4	20.1	1	32.6	1266	14
Lewis	13DT272 ↗	TRE	113	261.6	19.9	1	32.0	1264	15
Golden Harvest	G16Q82-3120A EZR ↗	3120A	116	261.1	22.3	1	32.5	1239	26
NK Brand	NK1523-3220 EZR ↗	3220	115	260.6	21.5	1	31.6	1244	23
Dyna-Gro	D54VC34 ↗	VT2P	114	259.8	20.3	1	32.3	1251	20
Hoegemeyer	8447AM GC ↗	AM	114	259.6	18.9	1	32.4	1262	16
NuTech	74F3AM ↗	AM	114	259.0	18.9	1	33.9	1260	18
Wyffels	W7956RIB ↗	VT2P	114	259.0	20.0	1	32.7	1250	21
Lewis	16DP850 ↗	VT2P	116	258.4	23.0	1	30.9	1220	29
Burrus	7K64 DGVT2P ↗	VT2PDG	115	258.3	20.7	1	31.9	1240	25
Renk	RK915VT2P ↗	VT2P	115	257.9	20.6	1	31.4	1239	27
Renk	RK895DGVT2P ↗	VT2PDG	113	256.1	18.9	1	30.4	1246	22
FS InVision	FS 6306T RIB ↗	TRE	113	255.3	17.7	1	32.0	1253	19
FS InVision	FS 6595V RIB ↗	VT2P	115	254.4	21.2	1	25.6	1217	31
Integra	6410 VT2PRIB ↗	VT2P	114	254.1	20.7	1	31.9	1220	30
NuTech	74A9AM ↗	AM	114	253.1	19.4	1	31.4	1227	28
Green Valley	GV8392VT2PRIB ↗	VT2P	113	253.0	17.5	1	31.9	1243	24
DeKalb	DKC62-89RIB CK	TRE	112	262.4	17.5	1	33.3	1289	11
				Averages =	258.2	20.2	1	31.5	1245
				LSD (0.10) =	12.2	0.8	ns		
				LSD (0.25) =	6.4	0.4	ns		
				C.V. =	5.2				
								Historic yield: 250.14 bu/a, 4 yr(s)	

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$5.00; non-GMO = \$5.00

Report Date: 10/09/2021

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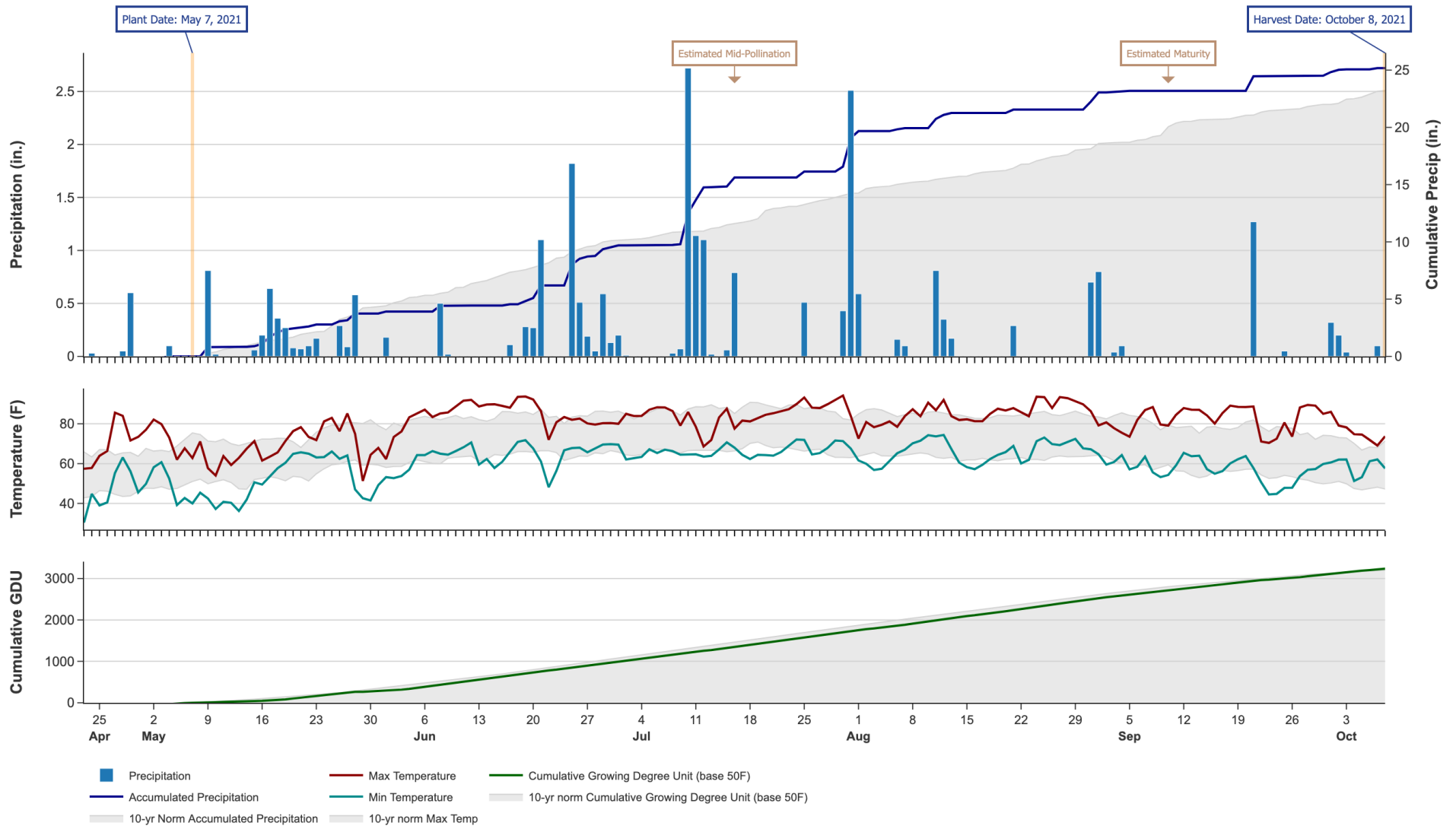
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2021 Corn - Missouri North [MONO]

Weather Conditions Summary at NOVELTY, MO

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	0.7 1.3 (-0.7)	3.8 5.3 (-1.4)	5.8 5.7 (0.0)	9.6 4.1 (+5.5)	3.2 3.9 (-0.7)	2.3 3.9 (-1.6)	0.7 1.2 (-0.5)	25.9 25.5 (+0.5)
GDU Normal (Diff)	89 61 (+27)	369 414 (-45)	690 696 (-6)	769 804 (-35)	767 742 (+24)	590 529 (+60)	139 83 (+55)	3413 3331 (+81)



* 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 - Missouri North [MONO]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1259-5222	5222	N	109	CM,C2
Burrus	POWER PLUS 4C14AM	AM	Y	108	Lum
Burrus	POWER PLUS 5L44AM	AM	Y	110	Lum,P1V
DeKalb	DKC62-89RIB CK	TRE	Y	112	Treated
Dyna-Gro	D50VC09	VT2P	N	110	AC,P5V
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6106X RIB	STX	Y	111	AC,P5V
FS InVision	FS 6107T RIB	TRE	Y	111	AC,P5V
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6217X RIB	STX	Y	112	AC,P5V,EDC-EL
Golden Harvest	G08R52-3220 EZR	3220	Y	108	AVC,C5,Vi
Golden Harvest	G10D21-3330 EZR	3330	Y	110	AVC,C5,Vi
Golden Harvest	G10L16-5222 EZR	5222	Y	110	AVC,C5,Vi
Golden Harvest	G11V76-5122 EZR	5122	Y	111	AVC,C5,Vi
Golden Harvest	G12S75-5122 EZR	5122	Y	112	AVC,C5,Vi
Green Valley	GV8102VT2PRIB	VT2P	Y	111	AC250
Green Valley	GV8212VT2PRIB	VT2P	Y	112	AC250
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P2,SU
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
Lewis	08DP739	VT2P	Y	108	AC,P2,B360
Lewis	09DD740	VT2PDG	Y	109	AC,P5,EDC
Lewis	10DP719	VT2P	Y	110	AC,P2,B360
Lewis	11DT912	TRE	Y	111	AC,P5,EDC
Lewis	12DT302	TRE	Y	112	AC,P5,EDC
Midland Genetics	381VLGA EZ1	3220A	Y	108	Edge-CST
Midland Genetics	411PR RIB	VT2P	Y	110	Edge-CST
Midland Genetics	570PR RIB	VT2P	Y	112	Edge-CST
Midland Genetics	582TRE RIB	TRE	Y	111	Edge-CST
NK Brand	NK1082-3220A EZR	3220A	Y	110	AVC,C5,Vi
NK Brand	NK1188-3120 EZR	3120	Y	111	AVC,C5,Vi
NuTech	68A7AM	AM	Y	108	Lum,P1V
NuTech	68B3AML	AML	Y	108	Lum,P1V
NuTech	70A8AM	AM	Y	110	Lum,P1V
NuTech	70F2Q	QR	Y	110	Lum,P1V
NuTech	72B7Q	QR	Y	112	Lum,P1V
NuTech	72D4AM	AM	Y	112	Lum,P1V
Renk	RK821SSTX	STX	N	111	AC,P5V
Renk	RK826VT2P	VT2P	N	111	AC,P5V
Renk	RK882TRE	TRE	N	111	AC,P2
Taylor	6011 VT2P	VT2P	N	111	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Taylor	8013 VT2PDGRIB	VT2PDG	Y	112	CM,C2,Vi
Taylor	9907 VT2P	VT2P	N	107	AC,P2
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 - Missouri North [MONO]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A645-16VT2RIB GC	VT2P	Y	115	AC,P5V
Burrus	7K64 DGVT2P	VT2PDG	Y	115	BPS
Burrus	POWER PLUS 6J92AM	AM	Y	113	BPS
DeKalb	DKC62-89RIB CK	TRE	Y	112	Treated
Dyna-Gro	D54VC34	VT2P	N	114	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6395VDG RIB	VT2PDG	Y	113	AC,P5V
FS InVision	FS 6406X RIB	STX	Y	114	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6606T RIB	TRE	Y	116	AC,P5V
Golden Harvest	G13D55-3220 EZR	3220	Y	113	AVC,C5,Vi
Golden Harvest	G13P84-3120 EZR	3120	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	G17E95-3110	3110	N	117	AVC,C2,Vi
Green Valley	GV8392VT2PRIB	VT2P	Y	113	AC250
Hoegemeyer	8447AM GC	AM	Y	114	Treated
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	6641 VT2PRIB	VT2P	Y	116	AC,P5V,SU
Integra	6695 TRERIB	TRE	Y	116	AC,P5V,SU
Lewis	13DT272	TRE	Y	113	AC,P5,EDC
Lewis	15DP899	VT2P	Y	115	AC,P2,B360
Lewis	15DT512	TRE	Y	115	AC,P5,EDC
Lewis	16DP850	VT2P	Y	116	AC,P5,EDC
Lewis	17DP651	VT2P	Y	117	AC,P5,EDC
Midland Genetics	621PR RIB	VT2P	Y	114	Edge-CST
Midland Genetics	660PR DG RIB	VT2PDG	Y	113	Edge-CST
Midland Genetics	662TRE RIB	TRE	Y	113	Edge-CST
Midland Genetics	782PR RIB	VT2P	Y	115	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	NK1661-3120A EZR	3120A	Y	116	AVC,C5,Vi
NuTech	74A9AM	AM	Y	114	Lum,P1V
NuTech	74B6AM	AM	Y	114	Lum,P1V
NuTech	74F3AM	AM	Y	114	Lum,P1V
NuTech	77A5AM	AM	Y	117	Lum,P1V
Pioneer	P1380AM GC	AM	Y	113	Lum
Renk	RK895DGVT2P	VT2PDG	N	113	AC,P5V
Renk	RK907SSTX	STX	N	115	AC,P5V
Renk	RK915VT2P	VT2P	N	115	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Taylor	8824 VT2PRIB	VT2P	Y	113	CM,C2,Vi
Taylor	9915 VT2P	VT2P	N	115	CM,C2,Vi
Taylor	EXP C-114-22 VT2P	VT2P	N	114	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7956RIB	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

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
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)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
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,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P2,SU	Acceleron® 250, StepUp
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
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	Acceleron® Poncho 500/Votivo, StepUp
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
AVC,C5,Vi	Avicta® Complete 500, Vibrance
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Edge-CST	Vibrance® Cinco + Cruiser® (Midland Genetics)
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.