

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

2021 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] PERRY, MO
Scott & Mark Hodges, Ralls County, MO

Early-Season Test	107 - 112 Day CRM B2021MOCE04a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Cloak Ex, Anthem Maxx, Liberty
SOIL DESCRIPTION:	Putnam silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, medium P, medium K, 5.6 pH, 2.0% OM, 13.5 CEC
PEST MANAGEMENT:	Fultime Nxt, Callisto, Force 6.5g
FERTILITY - Applied N:	165 Fall, 11 Spring
Applied N-P-K (units):	176-52-62
SEEDED - RATE - ROW:	Apr 5 30.4 /A 30" spacing
HARVESTED - STAND:	Sep 29 26.3 /A

TEST COMMENTS:

Quick warm-up presented a great opportunity to plant alongside the Hodges brothers. Decent early stands ended up being the high-water mark. Challenging wet and cool weather followed. Very small windows for fieldwork made for a difficult April and May. Many replant acres were both observed and reported. Two separate damaging wind events caused lodging mid-season. Scott said, "We shelled corn from 0 to 200 bpa. Won't end up averaging over 90. The weather really stunk this year." Both tests statistical analysis showed high overall variance among all hybrids, but very significant differences between hybrids with low variation among replicate plots of the same hybrid, including the check product. Because of wind damage, location results will not be included in the regional summary.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	72D4AM ↗	AM	112	214.4	13.6	2	26.5	1072	1
Lewis	09DD740 ↗	VT2PDG	109	212.9	13.0	3	26.5	1064	2
NuTech	68B3AML ↗	AML	108	208.1	13.3	1	26.3	1040	3
NuTech	68A7AM ↗	AM	108	206.9	13.2	2	27.0	1034	4
Midland Genetics	660PR DG RIB ↗	VT2PDG	113	203.5	13.7	1	26.8	1018	5
Great Heart	HT-7256DGVT2P ↗	VT2PDG	112	202.1	13.7	1	25.3	1010	6
Pioneer	P1108Q GC ↗	QR	111	196.7	13.7	1	25.8	984	7
NuTech	70A8AM ↗	AM	110	195.6	13.6	1	26.5	978	8
Lewis	08DP739 ↗	VT2P	108	195.1	13.5	1	26.3	976	10
NuTech	72B7Q ↗	QR	112	192.3	14.0	3	26.0	962	11
Burrus	POWER PLUS 5L44AM ↗	AM	110	190.6	13.5	1	27.3	953	12
Burrus	POWER PLUS 4C14AM ↗	AM	108	187.6	13.5	2	26.3	938	13
FS InVision	FS 6106X RIB ↗	STX	111	184.6	14.3	1	25.8	923	14
AgriGold	A641-54VT2RIB GC ↗	VT2P	111	183.2	13.7	3	26.8	916	15
Midland Genetics	411PR RIB ↗	VT2P	110	151.1	13.6	3	27.0	756	16
Pioneer	P0995AM GC ↗	AM	109	147.4	13.7	11	25.3	736	17
Lewis	10DP719 ↗	VT2P	110	146.2	13.8	2	26.5	731	18
FS InVision	FS 6107T RIB ↗	TRE	111	140.0	13.0	8	26.3	700	19
FS InVision	FS 5909D2A EZR ↗	5222A	109	131.7	13.6	22	26.0	658	20
Midland Genetics	570PR RIB ↗	VT2P	112	123.8	14.1	23	26.5	619	21
Augusta	A1259-5222 ↗	5222	109	120.3	13.8	23	27.0	602	22
Midland Genetics	381VLGA EZ1 ↗	3220A	108	115.0	13.5	23	26.3	575	23
Lewis	12DT302 ↗	TRE	112	114.4	13.7	20	26.0	572	24
NK Brand	NK1082-3220A EZR ↗	3220A	110	109.3	14.1	27	26.5	546	25
Lewis	11DT912 ↗	TRE	111	97.8	13.7	34	26.8	489	26
Dyna-Gro	D51VC67 ↗	VT2P	110	97.8	13.9	28	26.5	489	27
Golden Harvest	G11V76-3120 EZR ↗	3120	111	92.3	14.4	31	26.0	461	28
FS InVision	FS 5815V RIB ↗	VT2P	108	90.1	13.1	26	25.0	450	29
Golden Harvest	G10L16-3220A EZR ↗	3220A	110	86.9	13.9	50	25.5	434	30
NK Brand	NK1188-3120 EZR ↗	3120	111	85.3	14.2	35	25.5	426	31
Pioneer	P1380AM CK	AM	113	195.4	14.3	1	26.3	977	9
				Averages =	143.1	13.7	16	26.3	718
				LSD (0.10) =	32.8	0.4	15		
				LSD (0.25) =	17.2	0.2	8		
				C.V. =	25.1				
William Schelp				Historic yield: 200.38 bu/a, 3 yr(s)					
william.schelp@firstseedtests.com, (573) 819-7968									

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

Report Date: 10/07/2021

† 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

©2021, All rights reserved by Elite Field Genetics, LLC

Additional reports available at www.firstseedtests.com

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

2021 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] PERRY, MO

Scott & Mark Hodges, Ralls County, MO

Full-Season Test	113 - 118 Day CRM B2021MOCE04b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Cloak Ex, Anthem Maxx, Liberty
SOIL DESCRIPTION:	Putnam silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, medium P, medium K, 5.6 pH, 2.0% OM, 13.5 CEC
PEST MANAGEMENT:	Fultime Nxt, Callisto, Force 6.5g
FERTILITY - Applied N:	165 Fall, 11 Spring
Applied N-P-K (units):	176-52-62
SEEDED - RATE - ROW:	Apr 5 30.4 /A 30" spacing
HARVESTED - STAND:	Sep 29 26.8 /A

TEST COMMENTS:

Quick warm-up presented a great opportunity to plant alongside the Hodges brothers. Decent early stands ended up being the high-water mark. Challenging wet and cool weather followed. Very small windows for fieldwork made for a difficult April and May. Many replant acres were both observed and reported. Two separate damaging wind events caused lodging mid-season. Scott said, "We shelled corn from 0 to 200 bpa. Won't end up averaging over 90. The weather really stunk this year." Both tests statistical analysis showed high overall variance among all hybrids, but very significant differences between hybrids with low variation among replicate plots of the same hybrid, including the check product. Because of wind damage, location results will not be included in the regional summary.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	223.3	13.8	1	26.5	1116	1
NuTech	74B6AM ↗	AM	114	222.8	14.1	2	27.0	1114	2
Pioneer	P1870AM GC ↗	AM	118	218.1	14.7	1	25.8	1090	3
Burrus	POWER PLUS 6J92AM ↗	AM	113	216.9	14.2	2	26.5	1084	4
NK Brand	NK1661-3120A EZR ↗	3120A	116	209.2	14.7	1	27.5	1046	6
NuTech	74A9AM ↗	AM	114	206.4	13.9	1	27.5	1032	7
Dyna-Gro	D54VC34 ↗	VT2P	114	198.6	14.6	1	27.3	993	8
Golden Harvest	G16Q82-3120A EZR ↗	3120A	116	197.5	14.3	1	26.8	988	9
NuTech	77A5AM ↗	AM	117	193.9	14.7	1	27.0	969	10
NK Brand	NK1523-3220 EZR ↗	3220	115	191.2	14.4	1	27.3	956	11
Golden Harvest	G17E95-3110 ↗	3110	117	190.5	14.8	1	26.8	952	12
NuTech	74F3AM ↗	AM	114	188.3	14.5	2	27.0	942	13
Golden Harvest	G15J91-3220 EZR ↗	3220	115	187.2	14.4	1	27.3	936	14
Burrus	7K64 DGVT2P ↗	VT2PDG	115	175.6	14.5	2	27.3	878	15
Lewis	13DT272 ↗	TRE	113	171.1	14.4	4	25.8	856	16
Lewis	17DP651 ↗	VT2P	117	157.6	15.4	1	27.3	786	17
AgriGold	A647-35-5222 GC ↗	5222	117	148.3	15.7	7	26.0	737	18
Midland Genetics	752TRE RIB ↗	TRE	115	141.2	14.8	18	26.3	706	19
FS InVision	FS 6606T RIB ↗	TRE	116	140.8	15.4	11	27.3	702	20
Golden Harvest	G13P84-3120 EZR ↗	3120	113	105.5	14.1	28	26.8	528	21
Midland Genetics	621PR RIB ↗	VT2P	114	90.9	14.3	24	26.3	454	22
FS InVision	FS 6818V RIB ↗	VT2P	118	87.2	15.2	24	26.8	435	23
Midland Genetics	801PR RIB ↗	VT2P	117	84.3	14.3	35	27.0	421	24
Midland Genetics	782PR RIB ↗	VT2P	115	83.4	14.6	28	26.8	417	25
NK Brand	NK1321-3120 EZR ↗	3120	113	77.7	14.1	32	26.8	388	26
Golden Harvest	G13D55-3220 EZR ↗	3220	113	70.3	14.0	29	27.3	352	27
Great Heart	HT-7302VT2P ↗	VT2P	113	61.0	14.2	19	27.3	305	28
Dyna-Gro	D55VC80 ↗	VT2P	115	59.5	14.8	43	27.5	298	29
Lewis	15DT512 ↗	TRE	115	54.2	15.3	41	25.8	270	30
FS InVision	FS 6595V RIB ↗	VT2P	115	48.3	14.3	36	26.8	242	31
Pioneer	P1380AM CK	AM	113	215.0	13.6	1	26.0	1075	5
				Averages =	133.0	14.5	19	26.8	665
				LSD (0.10) =	21.3	0.4	14		
				LSD (0.25) =	11.2	0.2	7		
				C.V. =	17.6				
William Schelp				Historic yield: 200.38 bu/a, 3 yr(s)					
william.schelp@firstseedtests.com, (573) 819-7968									

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

Report Date: 10/07/2021

† 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

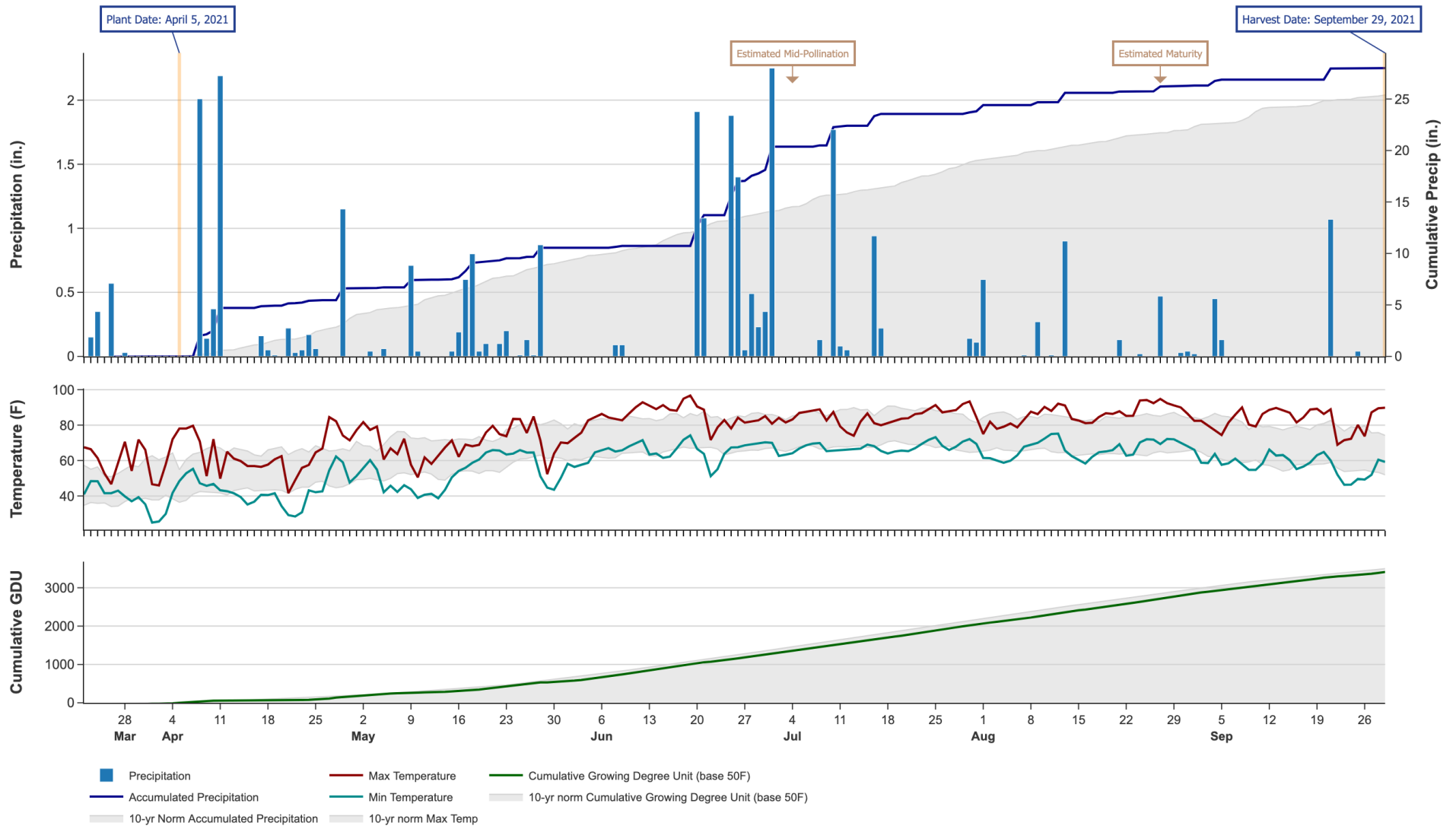
©2021, All rights reserved by Elite Field Genetics, LLC

Additional reports available at www.firstseedtests.com

2021 Corn - Missouri Central [MOCE]

Weather Conditions Summary at PERRY, MO

Monthly Total	Mar*	Apr	May	Jun	Jul	Aug	Sep*	Total
Precip (in) Normal (Diff)	1.1 1.6 (-0.4)	6.6 4.7 (+1.9)	3.9 5.5 (-1.5)	7.6 4.8 (+2.7)	5.7 5.0 (+0.6)	2.5 3.0 (-0.5)	1.7 3.4 (-1.7)	29.1 28.0 (+1.1)
GDU Normal (Diff)	56 0 (+56)	186 208 (-22)	388 445 (-57)	713 723 (-10)	789 824 (-35)	781 766 (+14)	579 548 (+30)	3492 3516 (-24)



* 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 Central [MOCE]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A638-74VT2PRIB GC	VT2P	Y*	108	AC
AgriGold	A641-54VT2RIB GC	VT2P	Y	111	AC,P5V
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
Dyna-Gro	D51VC67	VT2P	N	110	AC,P5V
FS InVision	FS 5815V RIB	VT2P	Y	108	AC,P5V
FS InVision	FS 5909D2A EZR	5222A	Y	109	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
Golden Harvest	G10D21-3330 EZR	3330	Y	110	AVC,C5,Vi
Golden Harvest	G10L16-3220A EZR	3220A	Y	110	AVC,C5,Vi
Golden Harvest	G11V76-3120 EZR	3120	Y	111	AVC,C5,Vi
Golden Harvest	G12S75-5122 EZR	5122	Y	112	AVC,C5,Vi
Great Heart	HT-7256DGV2P	VT2PDG	Y	112	AC,P5V
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
Midland Genetics	660PR DG RIB	VT2PDG	Y	113	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	72B7Q	QR	Y	112	Lum,P1V
NuTech	72D4AM	AM	Y	112	Lum,P1V
Pioneer	P0995AM GC	AM	N*	109	Lum
Pioneer	P1108Q GC	QR	Y	111	Lum
Pioneer	P1380AM CK	AM	Y	113	Lum

* 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 Central [MOCE]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A645-16VT2RIB GC	VT2P	Y	115	AC,P5V
AgriGold	A647-35-5222 GC	5222	N	117	Treated
Burrus	7K64 DGVT2P	VT2PDG	Y	115	BPS
Burrus	POWER PLUS 6J92AM	AM	Y	113	BPS
Dyna-Gro	D54VC34	VT2P	N	114	AC,P5V
Dyna-Gro	D55VC80	VT2P	N	115	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 6595V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6606T RIB	TRE	Y	116	AC,P5V
FS InVision	FS 6818V RIB	VT2P	Y	118	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,C5,Vi
Great Heart	HT-7302VT2P	VT2P	Y	113	AC,P5V
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	662TRE RIB	TRE	Y	113	Edge-CST
Midland Genetics	752TRE RIB	TRE	Y	115	Edge-CST
Midland Genetics	782PR RIB	VT2P	Y	115	Edge-CST
Midland Genetics	801PR RIB	VT2P	Y	117	Edge-CST
NK Brand	NK1321-3120 EZR	3120	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 CK	AM	Y	113	Lum
Pioneer	P1870AM GC	AM	Y	118	Lum

* 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
5222A	Agrisure® Duracade™ Artesian® 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
AC	Acceleron® unspecified
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P5,EDC	Acceleron® 500, Enhanced Disease Control
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AVC,C5,Vi	Avicta® Complete 500, Vibrance
BPS	Burrus PowerShield
CM,C2	CruiserMaxx® 250
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.