

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

## 2022 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] MALTA BEND, MO  
Robin Mull, Saline County, MO 65339

<b>Early-Season Test</b>	107 - 112 Day CRM B2022MOCE02a
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Roundup, Outlook, 2,4d Zidua Pro, Liberty
<b>SOIL DESCRIPTION:</b>	Marshall silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, very high K, 6.1 pH, 5.1% OM, 13.7 CEC
<b>PEST MANAGEMENT:</b>	Atrazine, Verdic, Amezon Pro, Roundup, Force 6g
<b>FERTILITY - Applied N:</b>	200 Spring
<b>Applied N-P-K (units):</b>	200-0-0
<b>SEEDED - RATE - ROW:</b>	Apr 26 32.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Sep 18 32.1 /A

### TEST COMMENTS:

Planted directly behind a final spring tillage pass. Excellent stands. Drought took some yield potential off the table. Rainfall was below normal every month of the growing season. The season normally averages about 25" of rain here. The trial received 60% of that - for around 15" this year. At harvest, tip-back was observed across the entire trial. Good trial for stressed conditions.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
NuTech	72A8AM ↗	AM	112	<b>193.2</b>	15.7	1	32.3	1396	1	
Golden Harvest	G11V76-D ↗	D	111	<b>186.6</b>	15.5	1	32.0	1350	2	
AgVenture	AV6010AM ↗	AM	110	<b>185.3</b>	15.0	1	32.0	1343	3	
Midland Genetics	429PR RIB ↗	VT2P	110	<b>184.9</b>	17.2	1	32.0	1327	6	
FS InVision	FS 6194V RIB ↗	VT2P	111	<b>184.8</b>	15.4	1	32.0	1337	4	
Lewis	11DT912 ↗	TRE	111	<b>184.1</b>	16.1	1	31.8	1328	5	
Integra	6284 VT2PRIB ↗	VT2P	112	<b>184.1</b>	17.5	1	31.8	1319	7	
Dyna-Gro	D50VC09RIB ↗	VT2P	110	<b>182.3</b>	15.4	1	31.8	1318	8	
Midland Genetics	570PR RIB ↗	VT2P	112	<b>182.2</b>	15.5	1	32.0	1318	9	
FS InVision	FS 6025X RIB ↗	STX	110	<b>181.2</b>	14.8	1	32.3	1314	10	
Lewis	12DT302 ↗	TRE	112	181.0	16.0	1	32.0	1305	13	
FS InVision	FS 5829V RIB ↗	VT2P	108	180.4	15.3	1	32.5	1306	12	
FS InVision	FS 6017V RIB ↗	VT2P	110	179.9	15.1	1	32.0	1303	14	
NuTech	72D4AM ↗	AM	112	177.1	15.5	1	32.0	1281	15	
NuTech	70B4AM ↗	AM	110	176.0	14.4	1	32.0	1276	16	
Lewis	12DT371 ↗	TRE	112	175.3	15.6	1	32.0	1267	18	
Integra	5802 VT2PRIB ↗	VT2P	108	175.0	15.2	1	32.0	1268	17	
Pioneer	P0995AM GC ↗	AM	109	174.1	14.2	1	32.0	1262	19	
Pioneer	P1077AM GC ↗	AM	110	173.5	14.7	1	32.0	1257	20	
NuTech	68A9AM ↗	AM	108	172.7	15.0	1	32.5	1252	21	
Burrus	5A84 VT2P ↗	VT2P	111	171.7	17.7	1	32.3	1229	25	
Golden Harvest	G10L16-DV ↗	DV	110	171.5	14.6	1	32.3	1243	22	
Pioneer	P1222AM GC ↗	AM	112	171.1	14.7	1	32.0	1240	23	
Dyna-Gro	D52DC82RIB ↗	VT2PDG	112	170.8	16.1	1	32.3	1232	24	
FS InVision	FS 6217T RIB ↗	TRE	112	169.2	16.0	1	32.0	1221	26	
NK Brand	NK1188-AA ↗	AA	111	168.0	17.0	1	32.3	1207	29	
Pioneer	P1197AM GC ↗	AM	111	167.0	14.1	1	32.0	1211	27	
Midland Genetics	381VLGA EZ1 ↗	V	108	166.7	14.0	1	32.0	1209	28	
DeKalb	DKC62-53RIB GC ↗	VT2P	112	166.5	17.8	2	32.3	1190	31	
Integra	6061 TRERIB ↗	TRE	110	166.2	15.9	1	31.8	1200	30	
DEKALB	DKC62-70RIB CK	VT2P	112	182.4	17.0	1	32.0	1309	11	
				<b>Averages =</b>	<b>174.2</b>	<b>15.4</b>	<b>1</b>	<b>32.1</b>	<b>1258</b>	
				LSD (0.10) =	6.9	0.8	ns			
				LSD (0.25) =	3.6	0.4	ns			
				C.V. =	4.3					
						Historic yield: 249.1 bu/a, 3 yr(s)				

*William Schelp*

William Schelp

william.schelp@firstseedtests.com, (573) 819-7968

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$7.25

Report Date: 09/30/2022

† 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. ↗ Links to full product yield results at www.firstseedtests.com

©2022, All rights reserved by Elite Field Genetics, LLC

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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

## 2022 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] MALTA BEND, MO

Robin Mull, Saline County, MO 65339

<b>Full-Season Test</b>	<b>113 - 117 Day CRM</b> B2022MOCE02b
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Roundup, Outlook, 2,4d Zidua Pro, Liberty
<b>SOIL DESCRIPTION:</b>	Marshall silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, very high K, 6.1 pH, 5.1% OM, 13.7 CEC
<b>PEST MANAGEMENT:</b>	Atrazine, Verdic, Amezon Pro, Roundup, Force 6g
<b>FERTILITY - Applied N:</b>	200 Spring
<b>Applied N-P-K (units):</b>	200-0-0
<b>SEEDED - RATE - ROW:</b>	Apr 26 32.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Sep 18 32.2 /A

### TEST COMMENTS:

Planted directly behind a final spring tillage pass. Excellent stands. Drought took some yield potential off the table. Rainfall was below normal every month of the growing season. The season normally averages about 25" of rain here. The trial received 60% of that - for around 15" this year. At harvest, tip-back was observed across the entire trial. Good trial for stressed conditions.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6818V RIB ↗	VT2P	118	<b>196.2</b>	19.0	1	32.0	1395	2
Dyna-Gro	D54VC34RIB ↗	VT2P	114	<b>194.6</b>	15.6	1	32.3	1407	1
Midland Genetics	801PR RIB ↗	VT2P	117	<b>190.8</b>	16.5	1	32.0	1373	3
FS InVision	FS 6627T RIB ↗	TRE	116	<b>190.3</b>	18.1	1	32.5	1359	5
Integra	6811 VT2PRIB ↗	VT2P	118	<b>189.5</b>	19.0	1	32.5	1348	6
Integra	6493 VT2P ↗	VT2P	114	<b>189.0</b>	15.7	1	32.3	1366	4
FS InVision	FS 6595V RIB ↗	VT2P	115	<b>187.3</b>	17.2	1	32.0	1344	7
Golden Harvest	G17A81-V ↗	V	117	183.4	15.7	1	32.5	1325	8
DeKalb	DKC65-95RIB GC ↗	VT2P	115	183.0	16.9	1	32.5	1314	9
NuTech	74A9AM ↗	AM	114	181.7	17.2	1	31.8	1304	11
Midland Genetics	1433 V2 ↗	VT2P	114	181.5	17.7	1	32.3	1299	13
Lewis	16DP850 ↗	VT2P	116	181.4	17.8	1	31.5	1298	14
FS InVision	FS 6625V RIB ↗	VT2P	116	181.4	16.7	1	32.0	1305	10
Midland Genetics	662TRE RIB ↗	TRE	113	179.3	14.8	1	31.5	1300	12
Lewis	15DP899 ↗	VT2P	115	177.7	15.9	1	32.0	1283	15
Lewis	15DT512 ↗	TRE	115	175.7	17.7	1	32.3	1257	17
NK Brand	NK1523-V ↗	V	115	175.1	18.6	1	31.8	1248	20
AgVenture	AV7913AM ↗	AM	113	174.4	15.2	1	32.3	1263	16
NuTech	77A5AM ↗	AM	117	174.3	16.6	1	32.3	1254	19
Integra	6342 TRERIB ↗	TRE	113	171.8	15.0	3	32.3	1246	21
Burrus	6Y61 DGV2P ↗	VT2PDG	113	171.8	16.2	1	32.3	1239	23
FS InVision	FS 6306T RIB ↗	TRE	113	171.1	15.0	1	32.5	1240	22
NK Brand	NK1661-AA ↗	AA	116	168.9	16.6	2	32.0	1215	24
Integra	6410 VT2PRIB ↗	VT2P	114	168.0	17.7	2	31.8	1202	25
Lewis	17DP651 ↗	VT2P	117	164.6	21.7	1	32.5	1155	31
NuTech	74C4AM ↗	AM	114	163.1	16.0	1	31.8	1177	26
DeKalb	DKC67-94RIB GC ↗	TRE	117	162.9	17.1	1	32.0	1169	27
Midland Genetics	660PR DG RIB ↗	VT2PDG	113	162.0	16.0	1	31.5	1169	28
Golden Harvest	G16Q82-AA ↗	AA	116	161.2	15.9	1	32.3	1163	30
NuTech	73A6Q ↗	QR	113	160.7	15.0	1	32.3	1165	29
DEKALB	DKC62-70RIB CK	VT2P	112	174.2	16.2	1	32.8	1255	18
				<b>Averages =</b>	<b>173.2</b>	<b>16.7</b>	<b>1</b>	<b>32.2</b>	<b>1245</b>
				<b>LSD (0.10) =</b>	12.6	0.9	ns		
				<b>LSD (0.25) =</b>	6.6	0.5	ns		
				<b>C.V. =</b>	7.9				
william.schelp@firstseedtests.com, (573) 819-7968								Historic yield: 249.1 bu/a, 3 yr(s)	

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$7.25

Report Date: 09/30/2022

† 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. ↗ Links to full product yield results at www.firstseedtests.com

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

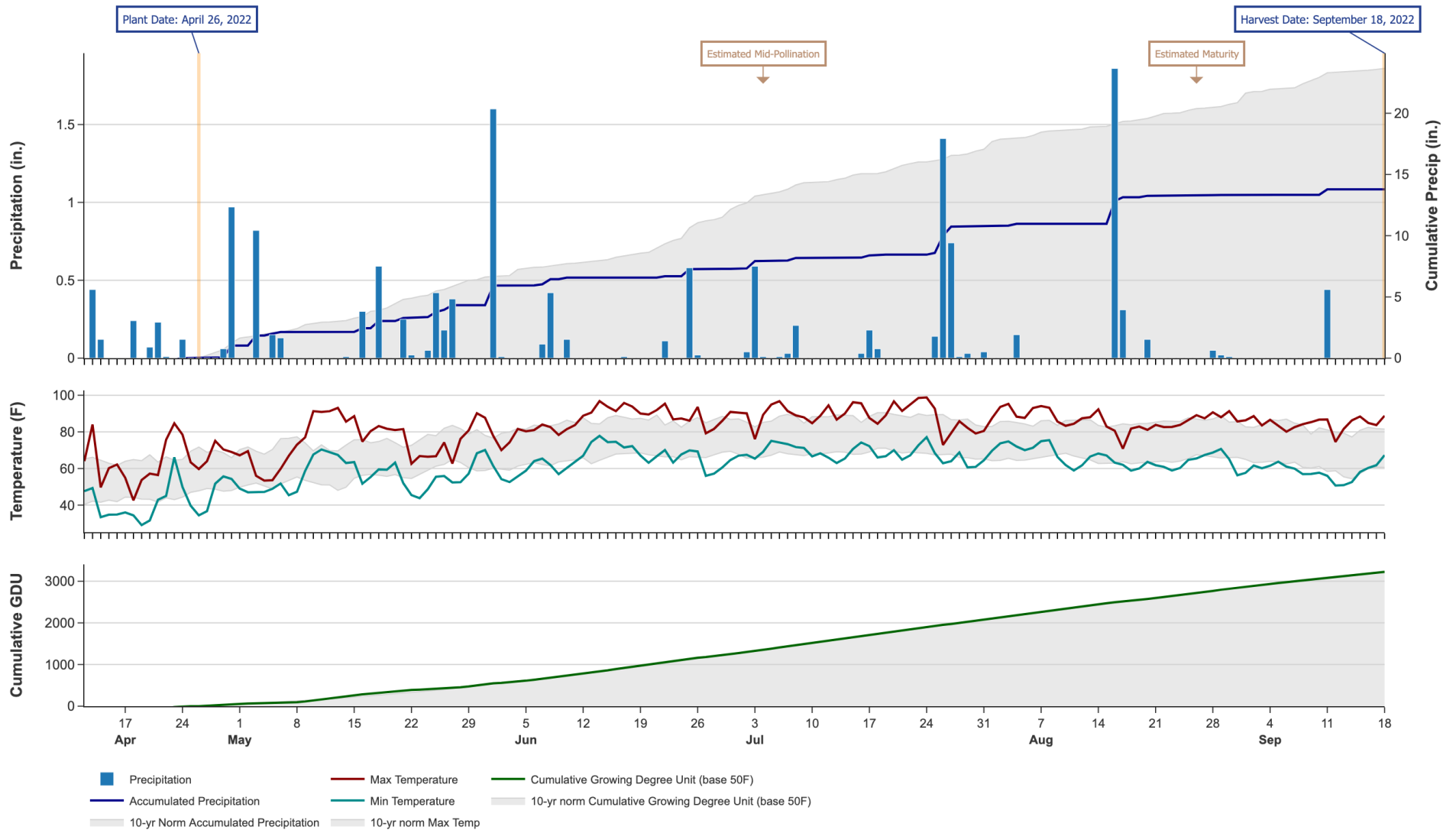
©2022, All rights reserved by Elite Field Genetics, LLC

# 2022 Corn - Missouri Central [ MOCE ]

## Weather Conditions Summary at MALTA BEND, MO

Weather Data Retrieved: 09/30/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in)   Normal (Diff)	2.3   2.8 (-0.6)	3.3   5.4 (-2.1)	3.0   5.5 (-2.6)	3.5   4.9 (-1.4)	2.5   3.8 (-1.3)	0.4   2.8 (-2.4)	15.0   25.3 (-10.3)
GDU   Normal (Diff)	128   152 (-24)	484   467 (+16)	720   739 (-19)	816   827 (-11)	777   776 (0)	383   386 (-3)	3308   3349 (-41)



\* 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.

## 2022 Corn - Missouri Central [ MOCE ]

### Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV6010AM	AM	Y	110	Treated
AgVenture	AV9610	AM	Y	110	Lum, L1
Burrus	5A84 VT2P	VT2P	Y	111	AC,P5V
Burrus	POWER PLUS 5L44AM	AM	Y	110	BPS
DeKalb	DKC62-53RIB GC	VT2P	Y	112	Treated
DeKalb	DKC62-70RIB CK	VT2P	Y	112	Treated
Dyna-Gro	D50VC09RIB	VT2P	N	110	AC,P5V
Dyna-Gro	D52DC82RIB	VT2PDG	N	112	AC,P5V
FS InVision	FS 5829V RIB	VT2P	Y	108	AC,P5V,Va
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V
FS InVision	FS 6025X RIB	STX	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6194V RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 6217T RIB	TRE	Y	112	AC,P5V
Golden Harvest	G10L16-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G11V76-D	D	Y	111	AVC,C2,CM,C5,Vi,Va
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU+Zn
Integra	6284 VT2PRIB	VT2P	Y	112	AC,P5V,SU+Zn
Lewis	09DD740	VT2PDG	Y	109	AC,P5V,EDC-B
Lewis	11DT912	TRE	Y	111	AC,P5V,EDC-B
Lewis	12DT302	TRE	Y	112	AC,P5V,EDC-B
Lewis	12DT371	TRE	Y	112	AC,P5V,EDC-B
Midland Genetics	381VLGA EZ1	V	Y	108	Edge-CST
Midland Genetics	429PR RIB	VT2P	Y	110	Edge-CST
Midland Genetics	570PR RIB	VT2P	Y	112	Edge-CST
NK Brand	NK1082-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1188-AA	AA	Y	111	AVC,C2,CM,C5,Vi,Va
NuTech	68A9AM	AM	Y	108	Lum, L1
NuTech	70A8AM	AM	Y	110	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	72A8AM	AM	Y	112	Lum, L1
NuTech	72D4AM	AM	Y	112	Lum, L1
Pioneer	P0995AM GC	AM	N*	109	Lum, L1
Pioneer	P1077AM GC	AM	Y	110	Lum
Pioneer	P1197AM GC	AM	Y	111	NA
Pioneer	P1222AM GC	AM	Y	112	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.

## 2022 Corn - Missouri Central [ MOCE ]

### Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV4313AM	AM	Y	113	Treated
AgVenture	AV7913AM	AM	Y	113	Treated
Burrus	6Y61 DGVT2P	VT2PDG	Y	113	BPS
Burrus	POWER PLUS 6W81AM	AM	Y	113	Lum, L1
DeKalb	DKC62-70RIB CK	VT2P	Y	112	Treated
DeKalb	DKC65-95RIB GC	VT2P	Y	115	Treated
DeKalb	DKC67-94RIB GC	TRE	Y	117	AC,P5
Dyna-Gro	D54VC34RIB	VT2P	N	114	AC,P5V
FS InVision	FS 6306T RIB	TRE	Y	113	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6818V RIB	VT2P	Y	118	PV
Golden Harvest	G16Q82-AA	AA	Y	116	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G17A81-V	V	Y	117	AVC,C2,CM,C5,Vi,Va
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,SU+Zn
Integra	6410 VT2PRIB	VT2P	Y	114	AC,P5V,SU+Zn
Integra	6493 VT2P	VT2P	N	114	AC,P5V
Integra	6811 VT2PRIB	VT2P	Y	118	AC,P5V,SU+Zn
Lewis	15DP899	VT2P	Y	115	AC,P2,B360
Lewis	15DT512	TRE	Y	115	AC,P5V,EDC-B
Lewis	16DP850	VT2P	Y	116	AC,P5V,EDC-B
Lewis	17DP651	VT2P	Y	117	AC,P5V,EDC-B
Midland Genetics	1433 V2	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	801PR RIB	VT2P	Y	117	Edge-CST
NK Brand	NK1523-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1661-AA	AA	Y	116	AVC,C2,CM,C5,Vi,Va
NuTech	73A6Q	QR	Y	113	Lum, L1
NuTech	74A9AM	AM	Y	114	Lum, L1
NuTech	74B6AM	AM	Y	114	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
NuTech	77A5AM	AM	Y	117	Lum, L1
Pioneer	P1359AM GC	None	N*	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

---

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
QR	Qrome™
STX	SmartStax®
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	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,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P5	Acceleron® 500
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+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
BPS	Burrus PowerShield
Edge-CST	Vibrance® Cinco + Cruiser® (Midland Genetics)
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
PV	Poncho, Votivo
Treated	Treated seed, unspecified

\* Seed treatments may include unspecified plant health promoting components.