

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

## 2022 Corn Grain Top 30 Harvest Report

Missouri North [MONO] GREENTOP, MO  
Terry Sevits, Schuyler County, MO 63546

<b>Early-Season Test</b>	107 - 112 Day CRM B2022MONO04a
<b>Top 30 of 40</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Zidua Pro, Liberty
<b>SOIL DESCRIPTION:</b>	Edina-Seymour silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, medium P, high K, 6.3 pH, 4.4% OM, 13.4 CEC
<b>PEST MANAGEMENT:</b>	Brawl 2, Roundup, Force 6.5g
<b>FERTILITY - Applied N:</b>	150 Spring
<b>Applied N-P-K (units):</b>	150-50-100
<b>SEDED - RATE - ROW:</b>	May 13 32.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 6 32.1 /A

### TEST COMMENTS:

May 13th was an active and productive corn planting day for FIRST in Missouri. This site started the day off (1 of 3 planted) and went in a very uniform seedbed - directly behind a final spring tillage pass. Precipitation was frequent on the front end of the growing season, keeping averages at or above trendline until late July. Rainfall was much more sparse in the last couple of months. Kernel depth was somewhat shallow. A very good trial representing upland growing environments in this region. One replicate in the early test was removed due to thinner soils and higher yield variation there.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6025X RIB ↗	STX	110	<b>205.8</b>	16.5	1	32.3	1481	1
NK Brand	NK1188-AA ↗	AA	111	<b>194.2</b>	16.0	1	32.3	1401	2
Renk	RK830SSTX ↗	STX	112	<b>192.8</b>	15.5	1	32.0	1394	3
Green Valley	GV8212VT2PRIB ↗	VT2P	112	190.3	15.6	1	32.7	1375	4
Taylor	6012 TRE ↗	TRE	111	189.0	14.5	1	31.3	1370	5
NuTech	72A8AM ↗	AM	112	188.0	15.6	1	32.0	1359	6
NuTech	70F6Q ↗	QR	110	185.6	15.0	1	32.3	1346	7
Taylor	EXP A-110-23 ↗	VT2P	110	185.1	14.2	1	32.0	1342	8
AgVenture	AV6010AM ↗	AM	110	184.8	14.7	1	32.0	1340	9
NuTech	70B4AM ↗	AM	110	181.0	14.5	1	32.7	1312	11
FS InVision	FS 6017V RIB ↗	VT2P	110	180.8	13.9	1	33.0	1311	12
Taylor	8013 VT2PDG ↗	VT2PDG	112	180.8	14.5	1	31.7	1311	13
Lewis	10DP719 ↗	VT2P	110	180.4	14.7	1	32.0	1308	14
Integra	6284 VT2PRIB ↗	VT2P	112	180.1	15.0	1	31.7	1306	15
Dyna-Gro	D52DC82RIB ↗	VT2PDG	112	180.1	14.6	1	32.0	1306	16
NK Brand	NK1082-DV ↗	DV	110	178.2	15.3	1	31.7	1290	17
Golden Harvest	G11V76-D ↗	D	111	177.9	16.0	1	32.3	1284	21
NuTech	72D4AM ↗	AM	112	177.4	14.9	1	33.0	1286	18
Lewis	11DT912 ↗	TRE	111	177.3	14.5	2	32.0	1285	19
NuTech	68A7AM ↗	AM	108	177.2	14.7	1	32.0	1285	20
Burrus	5A84 VT2P ↗	VT2P	111	176.9	14.7	1	32.3	1283	22
Lewis	12DT302 ↗	TRE	112	176.4	14.6	1	32.0	1279	23
FS InVision	FS 6194V RIB ↗	VT2P	111	176.1	14.6	1	32.3	1277	24
FS InVision	FS 5829V RIB ↗	VT2P	108	174.1	14.4	1	31.7	1262	25
Golden Harvest	G10L16-DV ↗	DV	110	173.5	15.1	1	32.3	1257	26
Integra	5802 VT2PRIB ↗	VT2P	108	172.4	14.2	2	32.0	1250	27
Integra	6061 TRERIB ↗	TRE	110	172.1	14.9	1	32.3	1248	28
Renk	RK826VT2P ↗	VT2P	111	171.6	14.7	1	32.3	1244	29
Dyna-Gro	D50VC09RIB ↗	VT2P	110	170.5	14.5	6	32.3	1236	30
NuTech	68A9AM ↗	AM	108	170.3	15.1	1	31.3	1234	31
DEKALB	DKC62-70RIB CK	VT2P	112	184.7	15.3	1	31.3	1337	10
				<b>Averages =</b>	<b>174.5</b>	<b>14.9</b>	<b>3</b>	<b>32.1</b>	<b>1264</b>
				LSD (0.10) =	17.4	0.4	7		
				LSD (0.25) =	9.1	0.2	4		
				C.V. =	9.4				
william.schelp@firstseedtests.com, (573) 819-7968				Historic yield: 186.97 bu/a, 11 yr(s)					

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

Report Date: 10/18/2022

† 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

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## 2022 Corn Grain Top 30 Harvest Report

Missouri North [MONO] GREENTOP, MO  
Terry Sevits, Schuyler County, MO 63546

<b>Full-Season Test</b>	113 - 117 Day CRM B2022MONO04b
<b>Top 30 of 40</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Zidua Pro, Liberty
<b>SOIL DESCRIPTION:</b>	Edina-Seymour silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, medium P, high K, 6.3 pH, 4.4% OM, 13.4 CEC
<b>PEST MANAGEMENT:</b>	Brawl 2, Roundup, Force 6.5g
<b>FERTILITY - Applied N:</b>	150 Spring
<b>Applied N-P-K (units):</b>	150-50-100
<b>SEDED - RATE - ROW:</b>	May 13 32.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 6 32.1 /A

### TEST COMMENTS:

May 13th was an active and productive corn planting day for FIRST in Missouri. This site started the day off (1 of 3 planted) and went in a very uniform seedbed - directly behind a final spring tillage pass. Precipitation was frequent on the front end of the growing season, keeping averages at or above trendline until late July. Rainfall was much more sparse in the last couple of months. Kernel depth was somewhat shallow. A very good trial representing upland growing environments in this region. One replicate in the early test was removed due to thinner soils and higher yield variation there.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Taylor	EXP C-114-23 ↗	VT2P	114	<b>206.4</b>	17.2	1	32.0	1480	2
Lewis	15DP899 ↗	VT2P	115	<b>205.9</b>	16.4	1	32.0	1483	1
FS InVision	FS 6627T RIB ↗	TRE	116	<b>203.6</b>	16.5	1	32.0	1465	3
Wyffels	W7876RIB ↗	VT2P	114	<b>199.4</b>	15.7	1	32.5	1440	4
Renk	RK958VT2P ↗	VT2P	115	198.5	16.1	1	31.8	1432	5
Dyna-Gro	D54VC34RIB ↗	VT2P	114	198.1	17.4	1	31.8	1420	7
NuTech	74C4AM ↗	AM	114	197.0	15.9	1	32.0	1422	6
Wyffels	W8936DGRIB ↗	VT2PDG	117	196.3	17.4	2	31.3	1407	9
Taylor	9913 VT2P ↗	VT2P	113	195.5	16.1	1	32.3	1410	8
Integra	6555 VT2PRIB ↗	VT2P	115	194.0	16.4	1	32.3	1397	11
Green Valley	GV8422VT2PRIB ↗	VT2P	114	193.9	16.0	1	32.3	1399	10
AgVenture	AV4313AM ↗	AM	113	193.1	16.1	1	32.3	1393	12
Wyffels	W8306 ↗	VT2P	115	191.9	16.5	1	32.5	1382	13
Integra	6342 TRERIB ↗	TRE	113	190.0	15.4	1	32.0	1375	14
Taylor	EXP C-117-23 ↗	VT2P	117	188.7	19.6	1	32.0	1338	25
Lewis	15DT512 ↗	TRE	115	188.0	16.7	1	32.0	1352	16
FS InVision	FS 6625V RIB ↗	VT2P	116	187.8	16.8	1	31.8	1350	17
Golden Harvest	G15J91-V ↗	V	115	187.3	17.9	1	32.0	1339	24
Green Valley	GV8392VT2PRIB ↗	VT2P	113	187.1	15.4	1	32.0	1354	15
NuTech	74B6AM ↗	AM	114	186.6	15.9	1	32.0	1347	18
Integra	6493 VT2P ↗	VT2P	114	186.6	16.7	1	32.5	1342	21
Lewis	16DP850 ↗	VT2P	116	186.5	16.5	1	32.3	1342	22
Taylor	8824 VT2P ↗	VT2P	113	186.1	16.0	2	32.3	1343	20
FS InVision	FS 6595V RIB ↗	VT2P	115	186.1	17.0	1	32.5	1336	26
DeKalb	DKC67-94RIB GC ↗	TRE	117	185.8	16.2	1	32.3	1340	23
Integra	6410 VT2PRIB ↗	VT2P	114	184.9	17.4	1	32.0	1325	29
Burrus	6Y61 DGVT2P ↗	VT2PDG	113	184.0	15.5	1	32.0	1331	27
Hoegemeyer	8303 AM GC ↗	AM	113	183.3	15.5	1	32.0	1326	28
FS InVision	FS 6395VDG RIB ↗	VT2PDG	113	181.8	15.1	1	32.5	1317	30
Wyffels	W7945 ↗	TRE	114	181.2	15.0	1	32.0	1314	31
DEKALB	DKC62-70RIB CK	VT2P	112	186.3	16.0	1	32.8	1344	19
				<b>Averages =</b>	<b>187.9</b>	<b>16.4</b>	<b>1</b>	<b>32.1</b>	<b>1352</b>
				LSD (0.10) =	11.0	0.7	ns		
				LSD (0.25) =	5.8	0.4	ns		
				C.V. =	6.4				
william.schelp@firstseedtests.com, (573) 819-7968				Historic yield: 186.97 bu/a, 11 yr(s)					

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

Report Date: 10/18/2022

† 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

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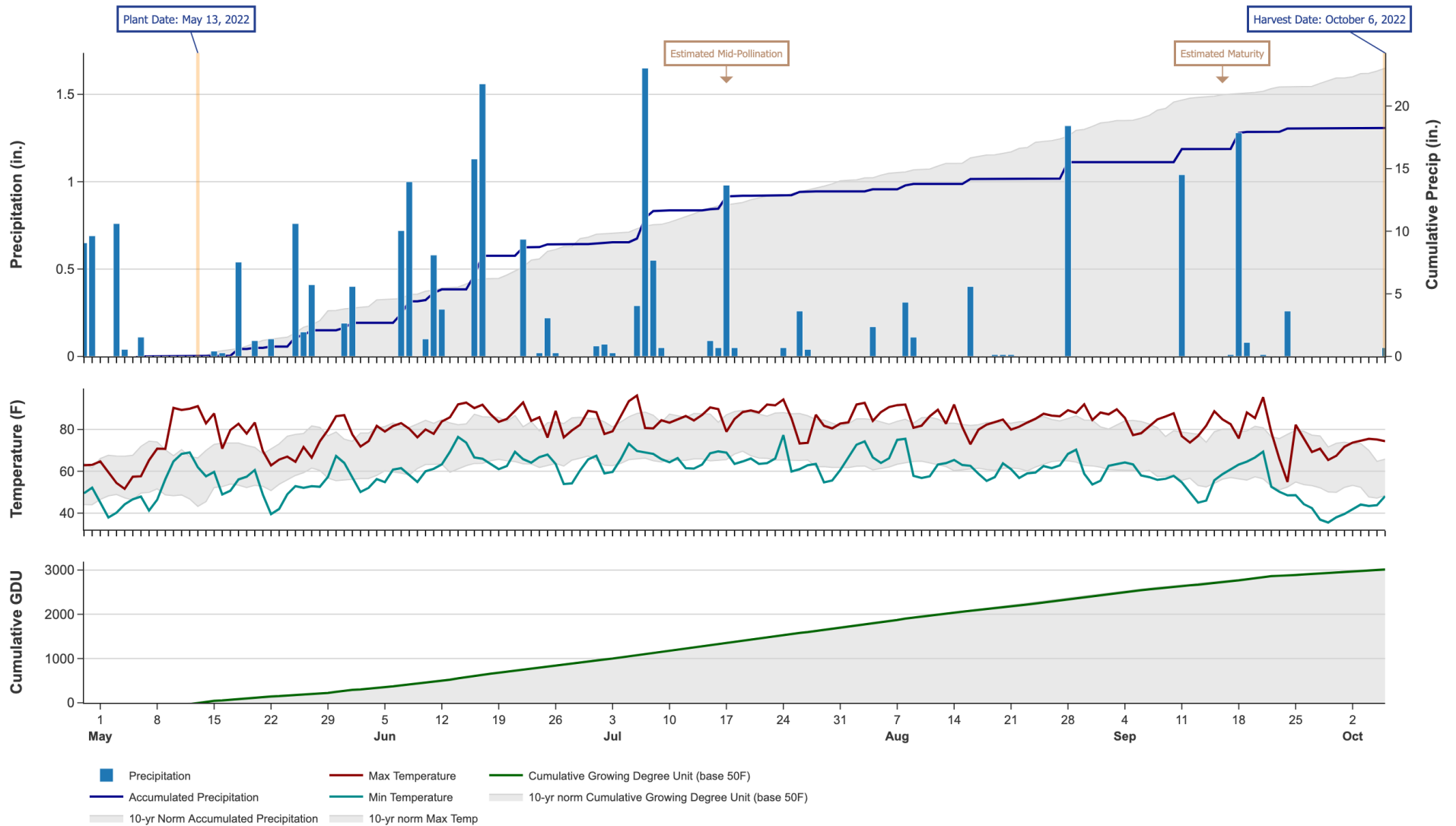
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# 2022 Corn - Missouri North [ MONO ]

## Weather Conditions Summary at GREENTOP, MO

Weather Data Retrieved: 10/18/2022

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	1.3   0.4 (+0.9)	3.2   5.6 (-2.4)	6.7   5.7 (+1.0)	4.2   4.5 (-0.3)	2.3   4.3 (-2.0)	2.7   3.9 (-1.2)	0.1   0.8 (-0.7)	20.5   25.3 (-4.8)
GDU   Normal (Diff)	14   12 (+1)	424   391 (+32)	660   674 (-14)	745   778 (-33)	731   720 (+10)	527   525 (+1)	73   64 (+8)	3174   3166 (+7)



\* 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 North [ MONO ]

### Early-Season Test Products (40 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	DKC62-70RIB CK	VT2P	Y	112	Treated
Dyna-Gro	D50VC09RIB	VT2P	N	110	AC,P5V
Dyna-Gro	D52DC82RIB	VT2PDG	N	112	AC,P5V
FS InVision	FS 5725X RIB	STX	Y	107	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
Green Valley	GV8022VT2PRIB	VT2P	Y	110	AC250
Green Valley	GV8102VT2PRIB	VT2P	Y	111	AC250
Green Valley	GV8212VT2PRIB	VT2P	Y	112	AC250
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	10DP719	VT2P	Y	110	AC,P5V,EDC-B
Lewis	11DT912	TRE	Y	111	AC,P5V,EDC-B
Lewis	12DT302	TRE	Y	112	AC,P5V,EDC-B
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	68A7AM	AM	Y	108	Lum, L1
NuTech	68A9AM	AM	Y	108	Lum, L1
NuTech	70A8AM	AM	Y	110	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	70F6Q	QR	Y	110	Lum, L1
NuTech	72A8AM	AM	Y	112	Lum, L1
NuTech	72D4AM	AM	Y	112	Lum, L1
Renk	RK805VT2P	VT2P	N	110	AC,P2
Renk	RK826VT2P	VT2P	N	111	AC,P2
Renk	RK830SSTX	STX	N	112	AC,P5V
Taylor	6012 TRE	TRE	N	111	CM,C2
Taylor	8013 VT2PDG	VT2PDG	N*	112	CM,C2
Taylor	EXP A-110-23	VT2P	N	110	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.

## 2022 Corn - Missouri North [ MONO ]

### Full-Season Test Products (40 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	DKC67-94RIB GC	TRE	Y	117	AC,P5V,EDC-B
Dyna-Gro	D54VC34RIB	VT2P	N	114	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 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,EDC-EL
Golden Harvest	G15J91-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G16Q82-AA	AA	Y	116	AVC,C2,CM,C5,Vi,Va
Green Valley	GV8392VT2PRIB	VT2P	Y	113	AC250
Green Valley	GV8422VT2PRIB	VT2P	Y	114	AC250
Hoegemeyer	8303 AM GC	AM	Y	113	Lum, L1
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	6555 VT2PRIB	VT2P	Y	115	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
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	74B6AM	AM	Y	114	Lum, L1
NuTech	74C4AM	AM	Y	114	Lum, L1
NuTech	77A5AM	AM	Y	117	Lum, L1
Pioneer	P1464AML GC	AML	N	114	Lum
Renk	RK895DGVT2P	VT2PDG	N	113	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Taylor	8824 VT2P	VT2P	N*	113	CM,C2
Taylor	9913 VT2P	VT2P	N	113	CM,C2
Taylor	EXP C-114-23	VT2P	N	114	AC,P2
Taylor	EXP C-116-23	TRE	N	116	AC,P2
Taylor	EXP C-117-23	VT2P	N	117	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7945	TRE	N	114	AC,P2
Wyffels	W8306	VT2P	N	115	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

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^	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

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AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
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®

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NOTE: The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*

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NA	Not Available
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
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
CM,C2	CruiserMaxx® 250
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
Treated	Treated seed, unspecified

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