

Test by: Effingham, IL

2022 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE, IL
John Barttelbort, St. Clair County, IL 62221

Early-Season Test	107 - 112 Day CRM B2022ILSO05a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, 2 4-D, Liberty
SOIL DESCRIPTION:	Edwardsville silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, medium P, low K, 4.9 pH, 3.2% OM, 26.3 CEC
PEST MANAGEMENT:	Round Up, 2,4-D, Accuron, Trivapro
FERTILITY - Applied N:	180 Spring
Applied N-P-K (units):	180-0-0
SEEDED - RATE - ROW:	May 31 33.5 /A 30" spacing
HARVESTED - STAND:	Oct 24 32.6 /A

TEST COMMENTS:

This conventional trial was planted in late May. Warm soil temperatures established good populations. Plant heights were average or a little below. A strong summer storm caused some root lodging at a crucial time. The root lodging had a negative effect on yields. Otherwise, plant health was good and moistures and yields were pretty consistent.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Axis	62V29 ↗	VT2P	112	241.9	16.4	1	33.6	1623	1
FS InVision	FS 6025X RIB ↗	STX	110	238.8	16.8	2	31.4	1599	2
DeKalb	DKC59-82RIB GC ↗	VT2P	109	238.0	17.0	2	35.1	1592	3
Axis	63M73 ↗	VT2P	112	237.4	16.4	1	32.9	1592	4
Wyffels	W7536DGRIB ↗	VT2PDG	112	236.7	16.5	1	32.9	1587	5
Axis	63H27 ↗	VT2P	112	236.5	17.4	1	33.6	1579	7
Wyffels	W6935 ↗	TRE	111	234.4	16.0	1	32.9	1575	8
NuTech	70A8AM ↗	AM	110	234.0	16.1	1	33.6	1572	9
NuTech	68A9AM ↗	AM	108	233.6	15.9	1	33.6	1571	10
DeKalb	DKC62-53RIB GC ↗	VT2P	112	233.5	16.2	1	32.2	1568	12
Channel	210-46DGV2PRIB GC ↗	VT2PDG	110	233.5	16.0	1	32.9	1569	11
Wyffels	W7208RIB ↗	STX	112	233.1	17.0	2	33.6	1560	14
Gateway	1913TRE GC ↗	TRE	113	232.9	16.3	1	29.9	1563	13
Wyffels	W7416RIB ↗	VT2P	112	232.9	16.9	1	32.1	1559	15
Stone	DG5942RIB ↗	VT2PDG	109	231.4	15.8	1	32.9	1556	16
Integra	5802 VT2PRIB ↗	VT2P	108	230.6	16.3	1	32.1	1548	17
Axis	61N27 ↗	VT2P	111	230.5	16.8	5	32.9	1543	18
Pioneer	P1077AM GC ↗	AM	110	229.2	16.5	2	32.2	1537	19
NK Brand	NK1082-DV ↗	DV	110	229.1	16.7	1	32.9	1535	20
Integra	6061 TRERIB ↗	TRE	110	228.4	16.3	1	31.4	1533	21
Axis	62H23 GC ↗	VT2P	112	228.4	16.4	1	33.6	1532	22
Channel	211-11VT2PRIB GC ↗	VT2P	111	228.2	16.5	1	35.1	1530	23
NuTech	72D4AM ↗	AM	112	227.4	16.4	2	30.7	1525	24
FS InVision	FS 6017V RIB ↗	VT2P	110	227.1	16.2	3	35.8	1525	25
Pioneer	P1136AM GC ↗	AM	111	226.4	16.3	1	29.9	1519	26
NuTech	70B4AM ↗	AM	110	225.0	16.1	1	33.6	1511	27
Golden Harvest	G10L16-DV ↗	DV	110	224.8	16.7	2	33.6	1506	28
FS InVision	FS 6194V RIB ↗	VT2P	111	224.1	16.1	2	32.1	1505	29
AgVenture	AV9412AM ↗	AM	112	223.6	16.4	3	35.1	1500	30
AgVenture	AV6010AM ↗	AM	110	222.6	15.7	1	32.1	1498	31
DEKALB	DKC63-57RIB CK	VT2P	113	235.5	16.1	1	31.4	1582	6
				Averages =	225.4	16.5	2	32.6	1512
				LSD (0.10) =	12.6	0.6	ns		
				LSD (0.25) =	6.6	0.3	ns		
				C.V. =	6.2				
				Historic yield: 197.04 bu/a, 20 yr(s)					

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$6.75

Report Date: 10/24/2022

† 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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Test by: Effingham, IL

2022 Corn Grain Top 30 Harvest Report

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John Barttelbort, St. Clair County, IL 62221

Full-Season Test	113 - 117 Day CRM B2022ILSO05b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Roundup, 2 4-D, Liberty
SOIL DESCRIPTION:	Edwardsville silt loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, medium P, low K, 4.9 pH, 3.2% OM, 26.3 CEC
PEST MANAGEMENT:	Round Up, 2,4-D, Accuron, Trivapro
FERTILITY - Applied N:	180 Spring
Applied N-P-K (units):	180-0-0
SEEDED - RATE - ROW:	May 31 33.5 /A 30" spacing
HARVESTED - STAND:	Oct 24 32.4 /A

TEST COMMENTS:

This conventional trial was planted in late May. Warm soil temperatures established good populations. Plant heights were average or a little below. A strong summer storm caused some root lodging at a crucial time. The root lodging had a negative effect on yields. Otherwise, plant health was good and moistures and yields were pretty consistent.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	6493 VT2P ↗	VT2P	114	250.2	18.5	1	29.9	1663	1
Burrus	7F33 VT2P ↗	VT2P	114	249.0	18.3	1	33.8	1656	2
Axis	65V75 GC ↗	VT2P	115	247.9	19.1	5	32.9	1643	3
AgVenture	AV4313AM ↗	AM	113	245.0	18.6	2	33.9	1627	6
Burrus	POWER PLUS 6W81AM ↗	AM	113	244.4	17.6	1	29.9	1631	5
LG Seeds	LG66C44VT2RIB ↗	VT2P	116	243.6	18.9	2	34.4	1616	7
Great Heart	HT-7541TRE ↗	TRE	115	243.4	19.3	3	33.6	1611	9
NuTech	74C4AM ↗	AM	114	242.1	17.7	1	34.3	1615	8
Wyffels	W7876RIB ↗	VT2P	114	241.6	18.6	2	31.4	1605	10
Wyffels	W7956RIB GC ↗	VT2P	114	240.7	19.0	1	31.9	1596	11
NuTech	73A6Q ↗	QR	113	239.4	18.2	1	34.3	1593	12
FS InVision	FS 6595V RIB ↗	VT2P	115	238.6	19.3	1	34.4	1580	13
FS InVision	FS 6625V RIB ↗	VT2P	116	237.5	18.6	1	33.6	1577	14
Wyffels	W8306 ↗	VT2P	115	237.4	18.6	5	30.7	1577	15
DeKalb	DKC65-95RIB GC ↗	VT2P	115	236.6	20.3	1	31.9	1560	21
FS InVision	FS 6306T RIB ↗	TRE	113	235.6	17.5	2	32.9	1573	16
Gateway	2715VT2PRO ↗	VT2P	115	235.5	18.1	1	28.4	1568	19
Wyffels	W7945 ↗	TRE	114	235.4	17.7	3	32.9	1570	17
AgVenture	AV7913AM ↗	AM	113	235.3	17.7	9	32.1	1570	18
Gateway	0916TRE ↗	TRE	116	235.2	18.4	2	32.1	1563	20
Stone	1403TRE ↗	TRE	114	234.4	18.4	7	34.4	1558	22
Renk	RK958VT2P ↗	VT2P	115	233.8	18.3	1	33.6	1555	23
ProHarvest	84P78 TRERIB ↗	TRE	114	233.3	17.8	2	32.9	1555	24
Integra	6342 TRERIB ↗	TRE	113	232.8	17.7	1	32.9	1553	25
Golden Harvest	G15J91-V ↗	V	115	232.3	18.7	1	35.1	1542	27
Wyffels	W8936DGRIB ↗	VT2PDG	117	231.8	18.1	5	32.9	1543	26
NK Brand	NK1661-AA ↗	AA	116	231.8	18.4	1	29.9	1541	28
Integra	6720 VT2PRIB ↗	VT2P	117	230.1	19.7	2	33.6	1521	31
Stone	6542RIB ↗	VT2P	115	228.9	18.2	2	32.1	1523	30
LG Seeds	LG63C82DGV2PRO ↗	VT2PDG	113	228.7	17.9	1	32.1	1524	29
DEKALB	DKC63-57RIB CK	VT2P	113	245.3	17.5	1	33.6	1637	4
				Averages =	231.8	18.4	4	32.4	1541
				LSD (0.10) =	10.9	0.6	7		
				LSD (0.25) =	5.7	0.3	4		
				C.V. =	5.2				
				Historic yield: 197.04 bu/a, 20 yr(s)					

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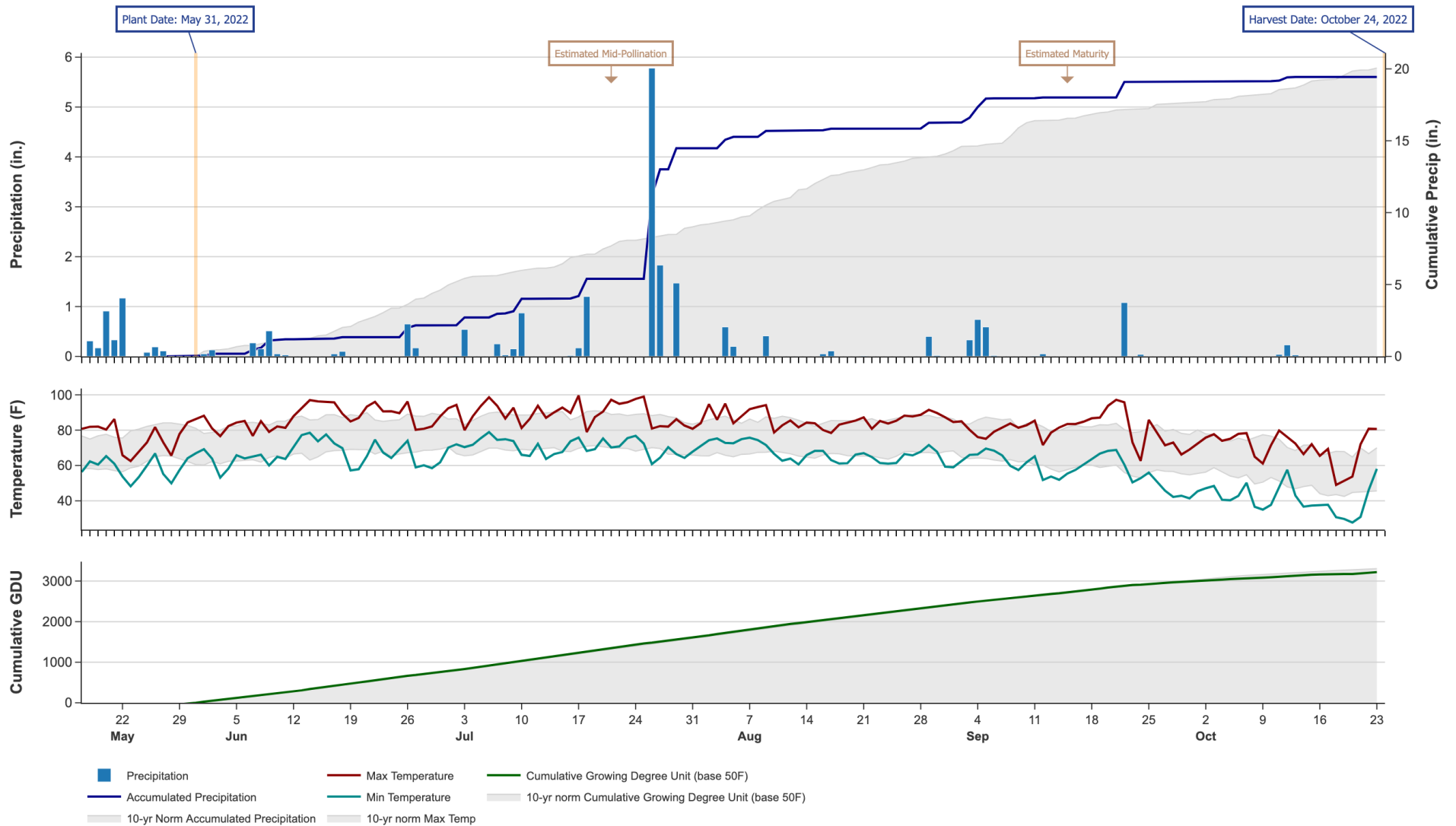
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2022 Corn - Illinois South [ILSO]

Weather Conditions Summary at BELLEVILLE, IL

Weather Data Retrieved: 10/24/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.3 2.4 (+0.8)	2.2 4.6 (-2.5)	12.3 4.4 (+7.9)	1.8 5.1 (-3.3)	2.9 3.6 (-0.7)	0.3 2.4 (-2.1)	22.7 22.5 (+0.2)
GDU Normal (Diff)	266 303 (-37)	750 755 (-5)	856 843 (+12)	800 799 (0)	579 629 (-50)	234 276 (-42)	3485 3607 (-122)



* 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 - Illinois South [ILSO]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV6010AM	AM	Y	110	Treated
AgVenture	AV9412AM	AM	Y	112	Treated
Augusta	A1060-3330A-EZ	VZ	Y	110	CM,C2
Axis	60W25 GC	VT2P	Y	110	CM,C2
Axis	61N27	VT2P	Y	111	CM,C2
Axis	62H23 GC	VT2P	N	112	CM,C2
Axis	62V29	VT2P	Y	112	CM,C2
Axis	63H27	VT2P	Y	112	CM,C2
Axis	63M73	VT2P	Y	112	Treated
Channel	210-46DGV2PRIB GC	VT2PDG	Y	110	AC,P5,B360
Channel	211-11VT2PRIB GC	VT2P	Y	111	AC,P5,B360
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5,EDC
DeKalb	DKC62-53RIB GC	VT2P	Y	112	AC,P5
DeKalb	DKC62-70RIB GC	VT2P	Y	112	AC,P5
DeKalb	DKC63-57RIB CK	VT2P	Y	113	AC,P5
Dyna-Gro	D52DC82RIB	VT2PDG	N	112	AC,P5V
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
FS InVision	FS 6225L1 EZR	AA	Y	112	AVC5,Vi
Gateway	1913TRE GC	TRE	N	113	AC,P5V
Gateway	2712VT2PRO GC	VT2P	N	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
Golden Harvest	G12S75-D	D	Y	112	AVC,C2,CM,C5,Vi,Va
Great Heart	HT-7044VT2P	VT2P	Y	110	Treated
Great Heart	HT-7114VT2P	VT2P	Y	111	Treated
Great Heart	HT-7256DGV2P	VT2PDG	Y	112	Treated
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 TRERIB	TRE	Y	110	AC,P5V,SU+Zn
NK Brand	NK1082-DV	DV	Y	110	AVC,C2,CM,C5,Vi,Va
NK Brand	NK1239-D	D	Y	112	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	72D4AM	AM	Y	112	Lum, L1
Pioneer	P1077AM GC	AM	Y	110	Lum,P5V
Pioneer	P1136AM GC	AM	Y	111	Lum,P5V
Pioneer	P1222AM GC	AM	Y	112	Lum,P5V
Stone	1132TRE	TRE	Y	111	AC,P5,EDC

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Stone	DG5942RIB	VT2PDG	Y	109	AC
Wyffels	W6826RIB GC	VT2P	Y	111	AC,P2
Wyffels	W6935	TRE	N	111	AC,P2
Wyffels	W7208RIB	STX	Y	112	AC,P2
Wyffels	W7416RIB	VT2P	Y	112	AC,P2
Wyffels	W7536DGRIB	VT2PDG	Y	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.

2022 Corn - Illinois South [ILSO]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgVenture	AV4313AM	AM	Y	113	Treated
AgVenture	AV7913AM	AM	Y	113	Treated
Axis	65D28 GC	VT2P	Y	115	CM,C2
Axis	65V75 GC	VT2P	Y	115	CM,C2
Burrus	7F33 VT2P	VT2P	Y	114	AC,P5V
Burrus	POWER PLUS 6W81AM	AM	Y	113	Lum, L1
DeKalb	DKC63-57RIB CK	VT2P	Y	113	AC,P5
DeKalb	DKC65-95RIB GC	VT2P	Y	115	AC,P5
Dyna-Gro	D55VC80RIB	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 6625V RIB	VT2P	Y	116	AC,P5V,EDC-EL
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,EDC-EL
Gateway	0916TRE	TRE	N	116	AC,P5V
Gateway	1717VT2PRO GC	VT2P	N*	117	AC,P5V
Gateway	2715VT2PRO	VT2P	N	115	AC,P5V
Gateway	2716VT2PRO	VT2P	N	116	AC,P5V
Golden Harvest	G15J91-V	V	Y	115	AVC,C2,CM,C5,Vi,Va
Great Heart	HT-7393VT2P	VT2P	Y	113	Treated
Great Heart	HT-7499TRE	TRE	Y	114	Treated
Great Heart	HT-7541TRE	TRE	Y	115	Treated
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	6720 VT2PRIB	VT2P	Y	117	AC,P5V,SU+Zn
LG Seeds	LG63C82DGVT2PRO	VT2PDG	Y	113	AC,P1V
LG Seeds	LG66C44VT2RIB	VT2P	Y	116	AC,P5V
NK Brand	NK1661-AA	AA	Y	116	AV500
NK Brand	NK1701-V	V	Y	117	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
ProHarvest	83P33 DGVT2PRIB	VT2PDG	Y	113	AC,P2
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P2
ProHarvest	86P23 VT2PRIB	VT2P	Y	116	AC,P2
Renk	RK915VT2P	VT2P	N	115	AC,P2
Renk	RK945DGVT2P	VT2PDG	Y	116	AC,P2
Renk	RK958VT2P	VT2P	N	115	AC,P2
Stone	1403TRE	TRE	Y	114	AC,P5V,EDC-B

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Stone	6542RIB	VT2P	Y	115	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	AC,P2
Wyffels	W7945	TRE	N	114	AC,P2
Wyffels	W7956RIB GC	VT2P	Y	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

^	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®
VZ	Viptera™ Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viptera® 3330

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

Corn Seed Treatments*

NA	Not Available
AC	Acceleron® unspecified
AC,P1V	Acceleron® Poncho 1250/Votivo
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
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+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AV500	Avicta® 500
AVC5,Vi	Avicta® Complete 500, Vibrance®
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
CM,C2	CruiserMaxx® 250
Lum, L1	(2022) LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.