

Test by: Effingham, IL

2022 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] SALEM, IL

Tom Beyers, Marion County, IL 62870

Early-Season Test 107 - 112 Day CRM
B2022ILSO03a

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybeans / Metalochlor, Round
Up, Dicamba, Anthem Max

SOIL DESCRIPTION: Hoyleton/Darmstadt silt loam,
moderately drained, non-
irrigated

SOIL CONDITION: Conventional W/O Fall Till, very
high P, very high K, 5.8 pH,
2.2% OM, 10.9 CEC

PEST MANAGEMENT: Fulltime, Callisto, Roundup

FERTILITY - Applied N: 200 Spring

Applied N-P-K (units): 200-92-0

SEEDED - RATE - ROW: May 17 32.2 /A 30" spacing

HARVESTED - STAND: Oct 5 31.3 /A

TEST COMMENTS:

This conventional location was planted mid-May. Unfortunately soon after planting it received a couple of heavy rainfall events. This resulted in a little ponding and a negative effect on emergence. Early season rainfall was good and great plant health was seen throughout the test. Plant and ear heights were average to slightly above average. Standability was excellent and yields were consistent for the area. The rain shut off in July and finally returned in September which favored the full-season hybrids. Overall very consistent yields and moistures throughout the test.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Axis	63M73 ↗	VT2P	112	231.2	18.7	1	29.9	1431	1	
DeKalb	DKC62-70RIB GC ↗	VT2P	112	230.3	17.9	1	31.9	1431	2	
Stone	DG5942RIB ↗	VT2PDG	109	229.6	18.1	1	26.9	1425	3	
DeKalb	DKC59-82RIB GC ↗	VT2P	109	227.9	18.3	1	31.9	1413	4	
NuTech	72D4AM ↗	AM	112	224.9	18.0	1	32.9	1397	5	
Axis	62H23 GC ↗	VT2P	112	223.8	19.0	1	29.9	1383	8	
Integra	6061 TRERIB ↗	TRE	110	223.7	18.9	1	31.4	1383	9	
AgVenture	AV9412AM ↗	AM	112	223.3	18.0	1	33.9	1386	6	
Stone	1132TRE ↗	TRE	111	223.1	18.5	1	31.4	1382	10	
NuTech	68A9AM ↗	AM	108	222.6	17.4	1	31.9	1386	7	
Channel	211-11VT2PRIB GC ↗	VT2P	111	220.8	19.9	1	32.2	1358	15	
DeKalb	DKC62-53RIB GC ↗	VT2P	112	219.8	18.4	1	31.4	1362	13	
FS InVision	FS 6217T RIB ↗	TRE	112	219.5	19.0	1	32.2	1357	16	
Wyffels	W6826RIB GC ↗	VT2P	111	219.3	17.7	1	32.2	1364	12	
Channel	210-46DGV2PRIB GC ↗	VT2PDG	110	218.7	18.2	1	30.7	1357	17	
Gateway	1913TRE GC ↗	TRE	113	218.5	18.7	1	23.9	1352	18	
NuTech	68A7AM ↗	AM	108	217.9	15.9	1	30.9	1367	11	
Integra	5802 VT2PRIB ↗	VT2P	108	217.7	16.9	1	26.9	1359	14	
Gateway	2712VT2PRO GC ↗	VT2P	112	217.0	17.6	1	31.4	1350	19	
Axis	63H27 ↗	VT2P	112	216.4	19.9	1	30.7	1332	21	
Golden Harvest	G12S75-D ↗	D	112	215.1	18.7	1	33.6	1331	22	
Wyffels	W7208RIB ↗	STX	112	214.8	18.4	1	31.4	1331	23	
Augusta	A1060-3330A-EZ ↗	VZ	110	214.2	18.6	1	32.9	1326	24	
NuTech	70B4AM ↗	AM	110	212.5	18.1	1	34.4	1319	25	
Wyffels	W6935 ↗	TRE	111	212.3	17.9	1	34.4	1319	26	
Golden Harvest	G10L16-DV ↗	DV	110	211.9	18.5	1	29.9	1313	28	
FS InVision	FS 6017V RIB ↗	VT2P	110	211.6	17.6	1	32.2	1317	27	
Axis	62V29 ↗	VT2P	112	210.2	17.3	1	31.4	1310	29	
Wyffels	W7416RIB ↗	VT2P	112	208.9	17.7	1	32.9	1299	30	
Pioneer	P1222AM GC ↗	AM	112	208.3	17.4	1	30.9	1297	31	
DEKALB	DKC63-57RIB CK	VT2P	113	215.5	18.4	1	31.4	1336	20	
				Averages =	213.4	18.2	1	31.3	1325	
				LSD (0.10) =	11.2	0.9	ns			
				LSD (0.25) =	5.9	0.5	ns			
				C.V. =	5.8					
									Historic yield: 143.55 bu/a, 21 yr(s)	

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$6.30

Report Date: 10/06/2022

† 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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Full-Season Test	113 - 117 Day CRM B2022ILSO03b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Metalochlor, Round Up, Dicamba, Anthem Max
SOIL DESCRIPTION:	Hoyleton/Darmstadt silt loam, moderately drained, non- irrigated
SOIL CONDITION:	Conventional W/O Fall Till, very high P, very high K, 5.8 pH, 2.2% OM, 10.9 CEC
PEST MANAGEMENT:	Fulltime, Callisto, Roundup
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-92-0
SEEDED - RATE - ROW:	May 17 32.2 /A 30" spacing
HARVESTED - STAND:	Oct 5 31.8 /A

TEST COMMENTS:

This conventional location was planted mid-May. Unfortunately soon after planting it received a couple of heavy rainfall events. This resulted in a little ponding and a negative effect on emergence. Early season rainfall was good and great plant health was seen throughout the test. Plant and ear heights were average to slightly above average. Standability was excellent and yields were consistent for the area. The rain shut off in July and finally returned in September which favored the full-season hybrids. Overall very consistent yields and moistures throughout the test.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	6493 VT2P ↗	VT2P	114	241.3	20.3	1	32.9	1482	1
Gateway	2716VT2PRO ↗	VT2P	116	238.7	19.1	1	29.9	1475	2
Golden Harvest	G15J91-V ↗	V	115	232.1	20.9	1	31.4	1421	3
Axis	65D28 GC ↗	VT2P	115	230.6	22.0	1	30.7	1405	5
Stone	6542RIB ↗	VT2P	115	229.5	21.6	1	31.4	1400	6
Great Heart	HT-7499TRE ↗	TRE	114	229.3	20.3	1	31.4	1408	4
Dyna-Gro	D55VC80RIB ↗	VT2P	115	228.7	21.1	1	31.4	1399	7
ProHarvest	83P33 DGVT2PRIB ↗	VT2PDG	113	226.9	19.9	1	30.6	1396	8
NuTech	74C4AM ↗	AM	114	226.0	21.6	1	31.4	1379	11
Gateway	2715VT2PRO ↗	VT2P	115	226.0	21.4	1	31.4	1380	10
DeKalb	DKC65-95RIB GC ↗	VT2P	115	225.3	21.1	1	31.4	1378	12
Renk	RK945DGVT2P ↗	VT2PDG	116	225.2	22.8	1	30.9	1366	16
Great Heart	HT-7541TRE ↗	TRE	115	225.1	21.2	1	29.9	1376	13
AgVenture	AV7913AM ↗	AM	113	222.9	20.6	1	32.9	1367	14
Wyffels	W7876RIB ↗	VT2P	114	222.6	20.5	1	32.1	1366	17
Integra	6410 VT2PRIB ↗	VT2P	114	222.5	20.3	1	32.9	1366	18
Great Heart	HT-7393VT2P ↗	VT2P	113	222.3	20.1	1	32.2	1367	15
NuTech	74B6AM ↗	AM	114	222.1	20.8	1	31.4	1361	20
FS InVision	FS 6625V RIB ↗	VT2P	116	222.0	20.4	1	32.1	1363	19
LG Seeds	LG66C44VT2RIB ↗	VT2P	116	221.9	21.7	1	35.1	1354	21
Renk	RK915VT2P ↗	VT2P	115	221.4	21.4	1	32.9	1352	22
Integra	6342 TRERIB ↗	TRE	113	220.2	20.7	1	32.2	1350	23
Wyffels	W7945 ↗	TRE	114	218.3	21.5	1	32.1	1333	25
LG Seeds	LG63C82DGVT2PRO ↗	VT2PDG	113	217.4	20.0	1	32.2	1337	24
Stone	1403TRE ↗	TRE	114	217.1	20.7	1	30.7	1331	27
Gateway	1717VT2PRO GC ↗	VT2P	117	217.0	22.3	1	27.7	1320	29
FS InVision	FS 6306T RIB ↗	TRE	113	216.1	19.5	1	30.7	1333	26
FS InVision	FS 6627T RIB ↗	TRE	116	216.0	20.3	1	31.4	1327	28
Wyffels	W7956RIB GC ↗	VT2P	114	215.9	21.5	1	29.9	1318	30
Burrus	POWER PLUS 6W81AM ↗	AM	113	214.3	20.3	1	32.9	1316	31
DEKALB	DKC63-57RIB CK	VT2P	113	224.9	19.9	1	32.1	1383	9
				Averages =	218.4	20.9	1	31.8	1338
				LSD (0.10) =	12.5	1.0	ns		
				LSD (0.25) =	6.6	0.5	ns		
				C.V. =	6.3				
				Historic yield: 143.55 bu/a, 21 yr(s)					

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$6.30

Report Date: 10/06/2022

† 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

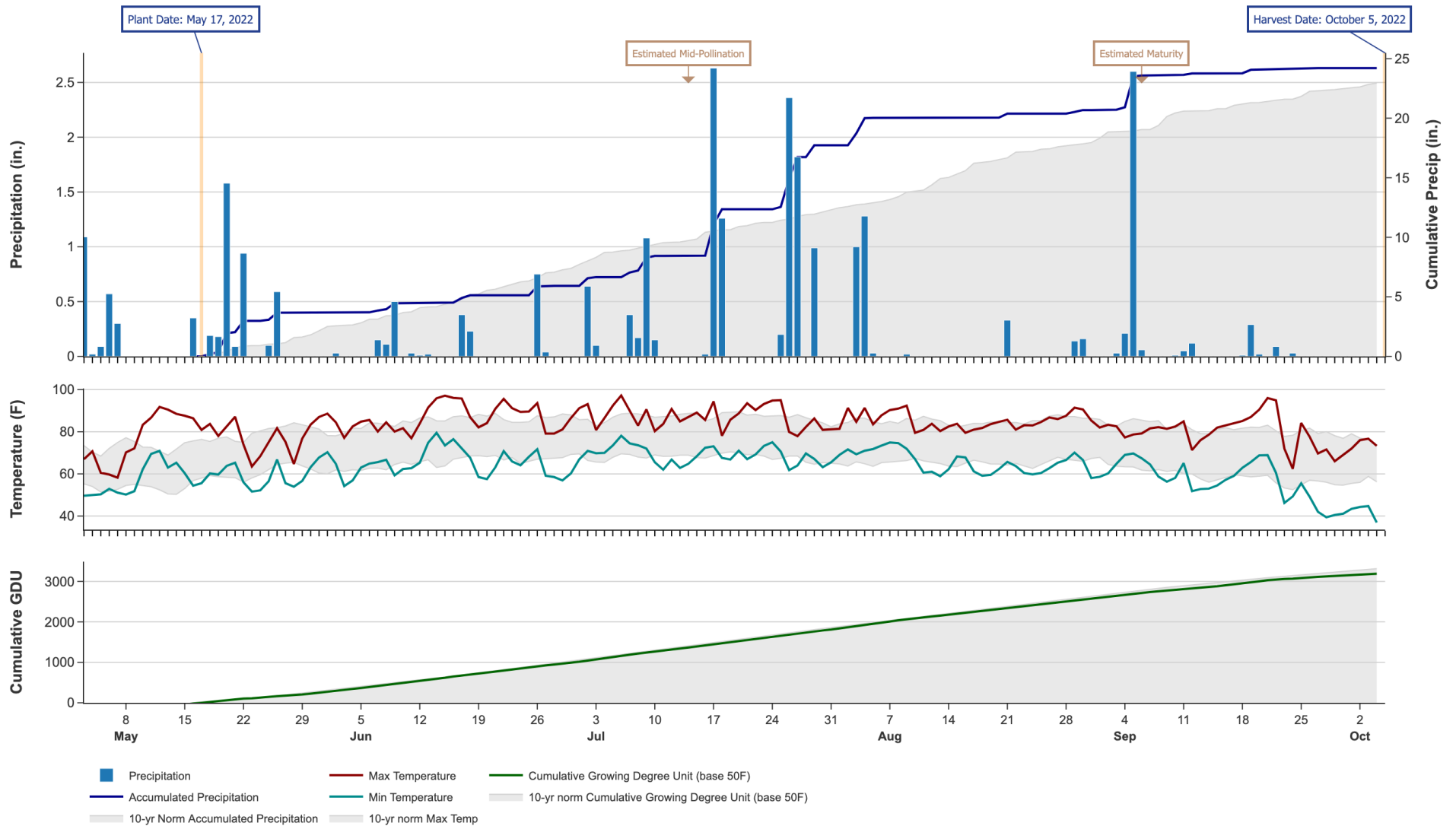
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2022 Corn - Illinois South [ILSO]

Weather Conditions Summary at SALEM, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	6.1 4.5 (+1.6)	2.2 5.2 (-3.0)	11.8 4.9 (+6.9)	3.0 5.7 (-2.7)	3.5 4.5 (-1.0)	0.0 0.5 (-0.5)	26.6 25.3 (+1.4)
GDU Normal (Diff)	502 484 (+17)	733 745 (-12)	825 829 (-4)	767 777 (-10)	563 610 (-47)	49 66 (-17)	3439 3514 (-75)



* 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.