

Test by: Effingham, IL

2023 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] NASHVILLE, IL
Dan Bartling, Washington County, IL

Early-Season Test	107 - 112 Day CRM B2023ILSO04a
Top 30 of 44	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Round Up, 2,4-D, Valor
SOIL DESCRIPTION:	Hoyleton silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, medium P, very high K, 5.7 pH, 2.9% OM, 9.9 CEC
PEST MANAGEMENT:	Glyphosate, Atrazine, Accuron
FERTILITY - Applied N:	230 Spring
Applied N-P-K (units):	230-92-120
SEDED - RATE - ROW:	May 2 34.0 /A 30" spacing
HARVESTED - STAND:	Sep 27 36.2 /A

TEST COMMENTS:

This conventional location was planted in early May. It received adequate moisture to encourage great emergence and early growth. The months of June and July were pretty brutal in this area. Very little to no precipitation resulted in very short plant heights. Most hybrids were below six feet in height. Plant health also suffered, with very low ear placement and uneven ear development. Late season rains saved the trial from disaster. Unfortunately, this region experiences weather patterns like this from time to time. Good stress trial with a great cooperator.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Axis	63H27 ↗	VT2P	112	172.6	19.2	1	35.8	778	1
NuTech	70B4AM ↗	AM	110	169.3	19.0	1	37.3	763	2
Wyffels	W6886 ↗	VT2P	111	166.0	18.7	1	37.3	750	4
DeKalb	DKC111-35RIB GC ↗	VT2P	111	165.7	17.3	1	38.1	754	3
Channel	211-11VT2PRIB GC ↗	VT2P	111	164.8	17.8	1	38.1	748	5
LG Seeds	LG63C82VTDG ↗	VT2PDG	113	162.0	20.0	1	35.8	726	7
AgVenture	AV9412AM ↗	AM	112	160.8	18.7	1	36.6	727	6
Axis	63M73 ↗	VT2P	112	159.8	19.7	1	35.8	718	9
AgriGold	A642-05VT2RIB GC ↗	VT2P	112	159.7	20.9	1	35.8	713	11
DeKalb	DKC62-89RIB GC ↗	TRE	112	158.8	18.6	1	35.1	718	10
AgVenture	AV6010AM ↗	AM	110	156.1	19.7	1	37.3	701	12
Gateway	1913TRE ↗	TRE	113	154.5	18.2	1	37.3	700	13
Axis	62V29 ↗	VT2P	112	152.9	20.9	1	33.6	682	14
Great Heart	HT-7044VT2P ↗	VT2P	110	149.9	17.9	1	35.1	680	15
NK Brand	NK1082-DV ↗	DV	110	149.5	19.2	1	33.6	673	18
Pioneer	P1136AM GC ↗	AM	111	149.4	19.3	1	36.6	673	19
NuTech	68A9AM ↗	AM	108	149.2	18.8	1	35.8	674	17
Integra	6061 STXRIB ↗	STX	110	148.9	17.5	1	36.6	677	16
AgVenture	AV6612AM ↗	AM	112	147.6	19.2	1	36.6	665	23
Burrus	POWER PLUS 5J21AM ↗	AM	110	147.3	18.5	1	36.6	666	22
Channel	210-46VT2PRIB GC ↗	VT2P	110	146.9	17.0	1	35.8	670	20
AgVenture	AV2411AM ↗	AM	111	146.8	17.5	1	34.3	668	21
Wyffels	W7536DGRIB ↗	VT2PDG	112	142.2	17.6	1	35.8	646	24
FS InVision	FS 6137PC ↗	PCE	111	140.4	17.7	1	36.6	638	25
Golden Harvest	G10B61-AA ↗	AA	110	140.3	19.9	1	35.8	629	28
Pioneer	P1222AM GC ↗	AM	112	139.9	18.1	1	33.6	634	26
NuTech	72D4AM ↗	AM	112	139.2	19.8	1	37.3	625	29
Integra	6244 PWE ↗	PCE	112	139.1	17.7	1	35.8	632	27
Golden Harvest	G11V76-AA ↗	AA	111	138.1	18.9	1	36.6	623	31
FS InVision	FS 6217T RIB ↗	TRE	112	138.0	18.7	1	35.1	624	30
DEKALB	DKC62-70RIB CK	VT2P	112	159.8	18.6	1	36.6	722	8
				Averages =	145.2	18.5	1	36.2	657
				LSD (0.10) =	11.9	0.9	ns		
				LSD (0.25) =	6.3	0.4	ns		
				C.V. =	9.0				
				Historic yield: 224.93 bu/a, 3 yr(s)					

Klinton Tucker

klint@whatssmokin.net, (309) 712-1406

Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.025 Prices: GMO = \$4.61

Report Date: 09/29/2023

† 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

2023 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] NASHVILLE, IL
Dan Bartling, Washington County, IL

Full-Season Test	113 - 117 Day CRM B2023ILSO04b
Top 30 of 55	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Round Up, 2,4-D, Valor
SOIL DESCRIPTION:	Hoyleton silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, medium P, very high K, 5.7 pH, 2.9% OM, 9.9 CEC
PEST MANAGEMENT:	Glyphosate, Atrazine, Accuron
FERTILITY - Applied N:	230 Spring
Applied N-P-K (units):	230-92-120
SEEDED - RATE - ROW:	May 2 34.0 /A 30" spacing
HARVESTED - STAND:	Sep 27 36.3 /A

TEST COMMENTS:

This conventional location was planted in early May. It received adequate moisture to encourage great emergence and early growth. The months of June and July were pretty brutal in this area. Very little to no precipitation resulted in very short plant heights. Most hybrids were below six feet in height. Plant health also suffered, with very low ear placement and uneven ear development. Late season rains saved the trial from disaster. Unfortunately, this region experiences weather patterns like this from time to time. Good stress trial with a great cooperator.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Heart	HT-7500TRE ↗	TRE	115	178.6	22.8	1	38.1	788	2
Wyffels	W8108 ↗	STX	114	176.7	20.0	1	37.3	792	1
Integra	6624 TRE ↗	TRE	116	175.8	20.0	1	37.3	788	3
AgriGold	A645-16VT2RIB ↗	VT2P	115	172.6	22.1	1	38.1	765	4
Gateway	2716VT2PRO ↗	VT2P	116	171.6	21.4	1	35.8	764	5
Axis	65W75 ↗	TRE	115	169.4	21.2	1	36.6	755	6
DeKalb	DKC65-95RIB GC ↗	VT2P	115	165.1	19.0	1	35.8	745	7
ProHarvest	86P23 VT2PRIB ↗	VT2P	116	164.9	22.4	1	35.8	730	10
Wyffels	W7876RIB ↗	VT2P	114	164.7	20.3	1	36.6	737	8
AgriGold	A647-42TRCRIB ↗	TRE	117	163.7	22.2	1	34.3	725	12
Integra	6493 VT2PRIB ↗	VT2P	114	163.2	19.3	1	36.6	735	9
Gateway	3714VT2PRO ↗	VT2P	114	162.2	20.0	1	36.6	728	11
FS InVision	FS 6595V RIB ↗	VT2P	115	160.4	21.9	1	33.6	712	15
Channel	218-55TRERIB GC ↗	TRE	118	160.3	22.6	1	36.6	708	18
FS InVision	FS 6627T RIB ↗	TRE	116	159.9	20.0	1	35.8	717	13
Great Heart	HT-7329PCE ↗	PCE	113	159.0	20.8	1	35.8	710	17
NuTech	74A9AM ↗	AM	114	158.4	18.8	1	35.8	715	14
ProHarvest	83P66 VT2P ↗	VT2P	113	158.1	19.4	1	35.8	711	16
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	157.2	22.0	1	36.6	697	20
Great Heart	HT-7317VT2P ↗	VT2P	113	155.8	20.4	1	34.3	697	21
AgriGold	A643-52VT2RIB ↗	VT2P	113	154.1	18.1	1	36.6	699	19
AgriGold	A644-64VT2P ↗	VT2P	114	153.8	20.4	1	34.3	688	22
Great Heart	HT-7499TRE ↗	TRE	114	152.5	21.2	1	36.6	679	23
DeKalb	DKC67-94RIB GC ↗	TRE	117	151.8	21.2	1	37.3	676	27
NuTech	75C1AM ↗	AM	115	151.4	20.6	1	36.6	677	25
Great Heart	HT-7360VT2P ↗	VT2P	113	151.3	20.1	1	35.8	678	24
FS InVision	FS 6625V RIB ↗	VT2P	116	149.8	18.6	1	36.6	677	26
Wyffels	W8086 ↗	VT2P	114	149.8	20.1	1	35.8	672	28
NK Brand	NK1333-AA ↗	AA	113	149.0	19.3	1	37.3	671	29
FS InVision	FS 6306T RIB ↗	TRE	113	147.9	19.3	1	36.6	666	31
DEKALB	DKC62-70RIB CK	VT2P	112	148.7	19.6	1	38.1	669	30
				Averages =	148.2	20.4	1	36.3	663
				LSD (0.10) =	15.4	1.2	0		
				LSD (0.25) =	8.1	0.6	0		
				C.V. =	11.4				
				Historic yield: 224.93 bu/a, 3 yr(s)					

Klint Tucker

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.025 Prices: GMO = \$4.61

Report Date: 09/29/2023

† 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

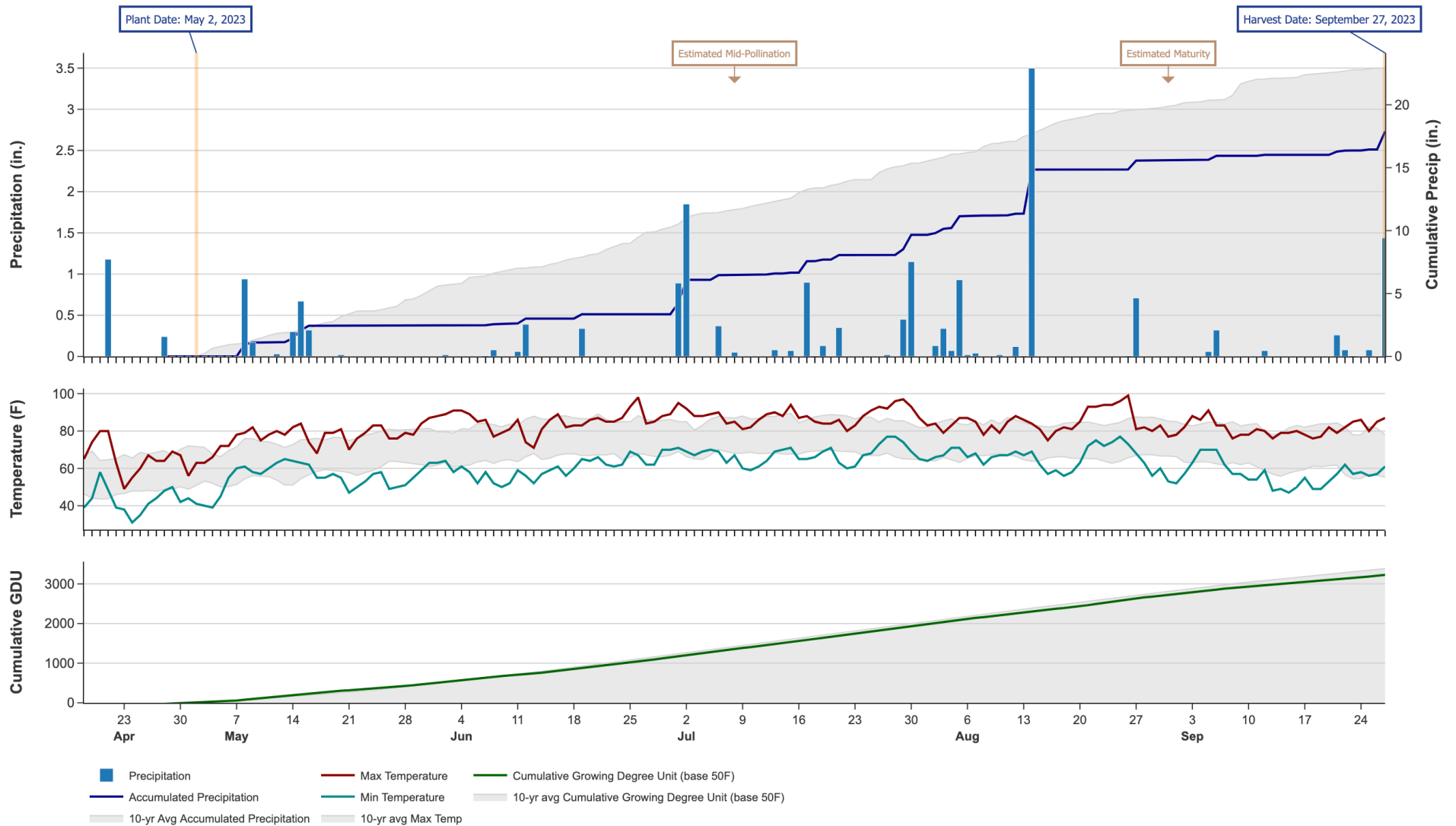
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2023 Corn - Illinois South [ILSO]

Weather Conditions Summary at NASHVILLE, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	1.4 2.8 (-1.4)	2.5 5.5 (-3.0)	0.9 5.0 (-4.1)	6.3 5.1 (+1.2)	5.9 4.5 (+1.4)	2.3 3.0 (-0.7)	19.3 26.0 (-6.7)
GDU Avg (Diff)	100 112 (-12)	498 492 (+5)	660 745 (-85)	814 821 (-7)	754 775 (-21)	514 570 (-56)	3340 3517 (-177)



* 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.

2023 Corn - Illinois South [ILSO]

Early-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A640-12STX	STX	N*	110	AC,P5V,EDC-B
AgriGold	A642-05VT2RIB	VT2P	Y	112	AC,P5V,EDC-B
AgVenture	AV2411AM	AM	Y	111	Lum, L1
AgVenture	AV6010AM	AM	Y	110	Lum, L1
AgVenture	AV6612AM	AM	Y	112	Lum, L1
AgVenture	AV9412AM	AM	Y	112	Lum, L1
Augusta	A1958-DV	DV	N	108	CM,C2
Axis	62V29	VT2P	Y	112	Treated
Axis	63H27	VT2P	Y	112	Treated
Axis	63M73	VT2P	Y	112	Treated
Burrus	POWER PLUS 5J21AM	AM	Y	110	Lum, L1
Channel	210-46VT2PRIB	VT2P	Y	110	AC,P5V,EDC-B
Channel	211-11VT2PRIB	VT2P	Y*	111	AC,P5V,EDC-B
DeKalb	DKC111-35RIB	VT2P	Y*	111	AC,P5V,EDC-EL
DeKalb	DKC59-82RIB	VT2P	Y	109	AC,P5V,EDC-EL
DeKalb	DKC62-70RIB	VT2P	Y	112	AC,P5V,EDC-EL
DeKalb	DKC62-89RIB	TRE	Y	112	AC,P5V,EDC-EL
FS InVision	FS 6017V RIB	VT2P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V,EDC-EL
FS InVision	FS 6137PC	PCE	N	111	CM,C2,Vi,Va
FS InVision	FS 6217T RIB	TRE	Y	112	AC,P5V,EDC-EL
FS InVision	FS 6225L1 EZR	AA	Y	112	AC,P5V,EDC-EL
Gateway	1913TRE	TRE	N	113	AC,P5
Golden Harvest	G10B61-AA	AA	Y	110	CM,C5,Va
Golden Harvest	G11V76-AA	AA	Y	111	CM,C5,Va
Great Heart	HT-7044VT2P	VT2P	Y	110	P5V
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,SU+Zn
Integra	6061 STXRIB	STX	Y	110	AC,P5V,SU+Zn
Integra	6244 PWE	PCE	N	112	AC,P5V
LG Seeds	LG60C86-5222	DV	Y	110	Treated
LG Seeds	LG63C82VTDG	VT2PDG	Y*	113	AC,P1V
NK Brand	NK0922-V	V	Y	109	CM,C5,Va
NK Brand	NK1082-DV	DV	Y	110	AVC,C1,Va
NuTech	68A7AM	AM	Y	108	Lum, L1
NuTech	68A9AM	AM	Y	108	Lum, L1
NuTech	70B4AM	AM	Y	110	Lum, L1
NuTech	70F6Q	QR	Y	110	Lum, L1
NuTech	72D4AM	AM	Y	112	Lum, L1
Pioneer	P0953AM	AM	Y	109	Lum
Pioneer	P1136AM	AM	Y	111	Lum
Pioneer	P1222AM	AM	Y	112	Lum
Wyffels	W6215	TRE	N	109	CM,C2,Vi,Va

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Wyffels	W6886	VT2P	N	111	AC,P5
Wyffels	W7536DGRIB	VT2PDG	Y	112	CM,C2,Vi,Va

* 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.

2023 Corn - Illinois South [ILSO]

Full-Season Test Products (55 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A643-52VT2RIB	VT2P	Y	113	AC,P5V
AgriGold	A644-64VT2P	VT2P	N	114	AC,P5V
AgriGold	A645-16VT2RIB	VT2P	Y	115	AC,P5V,EDC-B
AgriGold	A647-42TRCRIB	TRE	Y	117	AC,P5V,EDC-B
AgVenture	AV2816AM	AM	Y	116	Lum, L1
AgVenture	AV3213AM	AM	Y	113	Lum, L1
AgVenture	AV3514AML	AML	Y	114	Lum, L1
AgVenture	AV7913AM	AM	Y	113	Lum, L1
AgVenture	AV9916AM	AM	Y	116	Lum, L1
Augusta	A1365-PWE	PCE	N	115	CM,C2
Axis	65W75	TRE	Y	115	Treated
Burrus	7F33 VT2P	VT2P	Y	114	Lum, L1-2023
Burrus	7P71 VT2P	VT2P	Y	115	AC,P5V,EDC-B
Channel	214-78DGV2PRIB	VT2PDG	Y	114	AC,P5V,EDC-B
Channel	218-55TRERIB	TRE	Y	118	AC,P5V,EDC-B
DeKalb	DKC62-70RIB	VT2P	Y	112	AC,P5V,EDC-EL
DeKalb	DKC65-95RIB	VT2P	Y	115	AC,P5V,EDC-EL
DeKalb	DKC67-94RIB	TRE	Y	117	AC,P5V,EDC-EL
FS InVision	FS 6306T RIB	TRE	Y*	113	AC,P5V,EDC-EL
FS InVision	FS 6432P RIB	STXP	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V,EDC-EL
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	2715VT2PRO	VT2P	N	115	AC,P5V
Gateway	2716VT2PRO	VT2P	N	116	AC,P5V
Gateway	3714VT2PRO	VT2P	N	114	AC,P5V,EDC-EL
Golden Harvest	G14B32-DV	DV	Y	114	AVC,C1,Va
Golden Harvest	G16Q82-AA	AA	Y	116	CM,C5,Va
Golden Harvest	G17B31-V	V	Y	117	CM,C5,Va
Great Heart	HT-7317VT2P	VT2P	N	113	P5V
Great Heart	HT-7329PCE	PCE	N	113	P5V
Great Heart	HT-7360VT2P	VT2P	N	113	P5V
Great Heart	HT-7499TRE	TRE	Y	114	P5V
Great Heart	HT-7500TRE	TRE	N	115	P5V
Integra	6342 TRERIB	TRE	Y	113	AC,P5V,SU+Zn
Integra	6493 VT2PRIB	VT2P	Y*	114	AC,P5V,SU+Zn
Integra	6624 TRE	TRE	Y	116	AC,P5V
LG Seeds	LG64C43VT2	VT2P	N	114	AC,P5V
NK Brand	NK1333-AA	AA	Y	113	CM,C5,Va
NK Brand	NK1480-DV	DV	Y	114	AVC,C1,Va
NuTech	73A4AM	AM	Y	113	Lum, L1
NuTech	74A9AM	AM	Y	114	Lum, L1

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
NuTech	74C4AM	AM	Y	114	Lum, L1
NuTech	75C1AM	AM	Y	115	Lum, L1
NuTech	77A5AM	AM	Y	117	Lum, L1
Pioneer	P1511AM	AM	Y	115	Lum
Pioneer	P1718AML	AML	Y	117	Lum
ProHarvest	83P66 VT2P	VT2P	N	113	AC,P5V
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va
ProHarvest	86P23 VT2PRIB	VT2P	Y	116	AC,P2
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086	VT2P	N	114	AC,P5
Wyffels	W8108	STX	N	114	AC,P5
Wyffels	W8306RIB	VT2P	Y*	115	CM,C2,Vi,Va

* 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

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

Corn Technologies

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
QR	Qrome®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®

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

Corn Seed Treatments*

NA	Not Available
AC,P1V	Acceleron® Poncho 1250/Votivo
AC,P2	Acceleron® 250
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,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Lum, L1-2023	LumiGEN 1250, Zeltera, Lumivia, Lumialza, Serifel®, Lumiflex, 2023
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.