

Test by: Effingham, IL

2023 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] EFFINGHAM, IL

Bottomline Seed Solutions, LLC, Clint Tucker, Effingham County, IL 62401

Early-Season Test	107 - 112 Day CRM B2023ILSO01a
Top 30 of 44	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Prefix, Liberty, Last Chance, Sel, Anthem Maxx, Trivapro
SOIL DESCRIPTION:	Bluford silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 5.8 pH, 1.9% OM, 11.2 CEC
PEST MANAGEMENT:	Impact Z, Miravis Neo, Trivapro
FERTILITY - Applied N:	197 Spring
Applied N-P-K (units):	197-78-90
SEEDED - RATE - ROW:	Apr 28 36.5 /A 30" spacing
HARVESTED - STAND:	Sep 30 36.1 /A

TEST COMMENTS:

This location was planted the end of May. Warm soil temperatures and adequate moisture established perfect emergence. This location received very little rain in the months of June and July. This plot received a double application of foliar fungicides. This kept all the plants very healthy, in spite of the droughty conditions. Plant heights were normal and no lodging occurred throughout the test. Very happy with the results considering what this location went through.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DeKalb	DKC111-35RIB GC ↗	VT2P	111	199.9	17.5	1	35.8	909	1
Wyffels	W6886 ↗	VT2P	111	191.6	18.0	1	35.1	869	2
LG Seeds	LG63C82VTDG ↗	VT2PDG	113	189.8	17.1	1	36.6	865	3
DeKalb	DKC62-89RIB GC ↗	TRE	112	189.3	17.5	1	35.8	860	4
AgriGold	A642-05VT2RIB GC ↗	VT2P	112	188.0	17.4	1	35.1	855	5
Gateway	1913TRE ↗	TRE	113	184.7	16.8	1	37.3	843	6
Channel	211-11VT2PRIB GC ↗	VT2P	111	184.3	16.7	1	37.3	842	7
Axis	62V29 ↗	VT2P	112	182.5	17.1	1	35.8	832	9
NK Brand	NK0922-V ↗	V	109	181.6	15.8	1	38.1	834	8
AgriGold	A640-12STX GC ↗	STX	110	181.5	18.1	1	38.1	822	14
Pioneer	P1222AM GC ↗	AM	112	180.7	16.2	1	37.3	828	10
Burrus	POWER PLUS 5J21AM ↗	AM	110	180.1	16.7	1	35.8	823	13
NuTech	68A7AM ↗	AM	108	180.1	15.4	1	38.1	828	11
Channel	210-46VT2PRIB GC ↗	VT2P	110	180.0	16.9	1	36.6	821	15
AgVenture	AV2411AM ↗	AM	111	179.9	16.8	1	37.3	821	16
Pioneer	P0953AM GC ↗	AM	109	178.1	17.4	1	33.6	810	19
Pioneer	P1136AM GC ↗	AM	111	177.5	16.8	1	36.6	811	18
Wyffels	W6215 ↗	TRE	109	177.5	16.5	1	35.1	812	17
Integra	5802 VT2PRIB ↗	VT2P	108	174.0	15.1	1	36.6	802	20
AgVenture	AV6612AM ↗	AM	112	173.7	18.0	1	35.8	788	22
FS InVision	FS 6017V RIB ↗	VT2P	110	171.9	14.9	1	36.6	792	21
NuTech	70B4AM ↗	AM	110	171.6	16.9	1	36.6	783	24
Axis	63M73 ↗	VT2P	112	171.1	17.1	1	37.3	780	25
NuTech	68A9AM ↗	AM	108	171.0	16.0	1	29.2	784	23
Axis	63H27 ↗	VT2P	112	170.7	17.3	1	37.3	777	26
Augusta	A1958-DV ↗	DV	108	170.0	18.2	1	35.8	770	28
FS InVision	FS 6217T RIB ↗	TRE	112	169.7	16.8	1	37.3	775	27
Golden Harvest	G10B61-AA ↗	AA	110	168.1	17.9	1	33.6	763	30
Integra	6244 PWE ↗	PCE	112	167.4	15.7	1	36.6	769	29
AgVenture	AV6010AM ↗	AM	110	167.1	17.0	1	35.1	762	31
DEKALB	DKC62-70RIB CK	VT2P	112	181.8	17.4	1	36.6	827	12
				Averages =	171.4	16.9	1	36.1	782
				LSD (0.10) =	19.0	1.0	ns		
				LSD (0.25) =	10.0	0.5	ns		
				C.V. =	12.2				
				Historic yield: 252.24 bu/a, 5 yr(s)					

Clint Tucker

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.4

Drying = \$0.025

Prices: GMO = \$4.61

Report Date: 10/01/2023

† 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] EFFINGHAM, IL

Bottomline Seed Solutions, LLC, Clint Tucker, Effingham County, IL 62401

Full-Season Test	113 - 117 Day CRM B2023ILSO01b
Top 30 of 55	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Prefix, Liberty, Last Chance, Sel, Anthem Maxx, Trivapro
SOIL DESCRIPTION:	Bluford silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 5.8 pH, 1.9% OM, 11.2 CEC
PEST MANAGEMENT:	Impact Z, Miravis Neo, Trivapro
FERTILITY - Applied N:	197 Spring
Applied N-P-K (units):	197-78-90
SEEDED - RATE - ROW:	Apr 28 36.5 /A 30" spacing
HARVESTED - STAND:	Sep 30 36.2 /A

TEST COMMENTS:

This location was planted the end of May. Warm soil temperatures and adequate moisture established perfect emergence. This location received very little rain in the months of June and July. This plot received a double application of foliar fungicides. This kept all the plants very healthy, in spite of the droughty conditions. Plant heights were normal and no lodging occurred throughout the test. Very happy with the results considering what this location went through.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
ProHarvest	86P23 VT2PRIB ↗	VT2P	116	198.1	21.0	1	33.6	884	1
FS InVision	FS 6627T RIB ↗	TRE	116	195.1	19.5	1	36.6	877	2
DeKalb	DKC67-94RIB GC ↗	TRE	117	191.8	20.2	1	34.3	860	3
Wyffels	W7876RIB ↗	VT2P	114	187.2	18.9	1	36.6	845	4
DeKalb	DKC65-95RIB GC ↗	VT2P	115	186.4	19.0	1	37.3	841	5
AgriGold	A643-52VT2RIB ↗	VT2P	113	184.3	19.6	1	38.1	829	6
Axis	65W75 ↗	TRE	115	183.0	19.3	1	35.8	824	8
Gateway	2715VT2PRO ↗	VT2P	115	181.1	17.2	1	35.8	825	7
Gateway	2716VT2PRO ↗	VT2P	116	178.0	21.5	1	35.8	792	9
AgriGold	A647-42TRCRIB ↗	TRE	117	176.4	22.6	1	37.3	780	13
Integra	6624 TRE ↗	TRE	116	175.8	20.2	1	38.1	788	11
FS InVision	FS 6432P RIB ↗	STXP	114	175.0	18.9	1	35.8	789	10
Burrus	7F33 VT2P ↗	VT2P	114	174.0	18.8	1	37.3	786	12
Channel	218-55TRERIB GC ↗	TRE	118	173.8	22.8	1	35.8	767	19
AgriGold	A645-16VT2RIB ↗	VT2P	115	173.6	20.1	1	37.3	778	14
FS InVision	FS 6595V RIB ↗	VT2P	115	173.0	20.8	1	35.8	772	16
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	172.9	19.5	1	35.1	778	15
ProHarvest	83P66 VT2P ↗	VT2P	113	172.6	20.6	1	35.8	772	17
AgVenture	AV3213AM ↗	AM	113	171.9	19.7	1	35.8	772	18
Integra	6493 VT2PRIB ↗	VT2P	114	169.5	20.1	1	34.3	760	21
NuTech	77A5AM ↗	AM	117	168.7	20.6	1	36.6	754	22
Gateway	3714VT2PRO ↗	VT2P	114	168.7	18.5	1	36.6	763	20
Pioneer	P1718AML GC ↗	AML	117	167.1	21.0	1	35.8	745	24
Great Heart	HT-7500TRE ↗	TRE	115	166.8	22.2	1	36.6	739	27
NuTech	73A4AM ↗	AM	113	166.6	20.7	1	36.6	744	25
AgVenture	AV9916AM ↗	AM	116	165.8	20.3	1	37.3	742	26
AgriGold	A644-64VT2P ↗	VT2P	114	165.0	20.6	1	35.8	737	28
NuTech	74C4AM ↗	AM	114	163.6	19.4	1	36.6	736	30
Integra	6342 TRERIB ↗	TRE	113	162.2	17.7	1	38.1	737	29
FS InVision	FS 6306T RIB ↗	TRE	113	160.6	17.9	1	37.3	729	31
DEKALB	DKC62-70RIB CK	VT2P	112	166.0	18.2	1	37.3	752	23
				Averages =	164.6	19.8	1	36.2	739
				LSD (0.10) =	22.4	1.2	ns		
				LSD (0.25) =	11.8	0.6	ns		
				C.V. =	15.0				
				Historic yield: 252.24 bu/a, 5 yr(s)					

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.4

Drying = \$0.025

Prices: GMO = \$4.61

Report Date: 10/01/2023

† 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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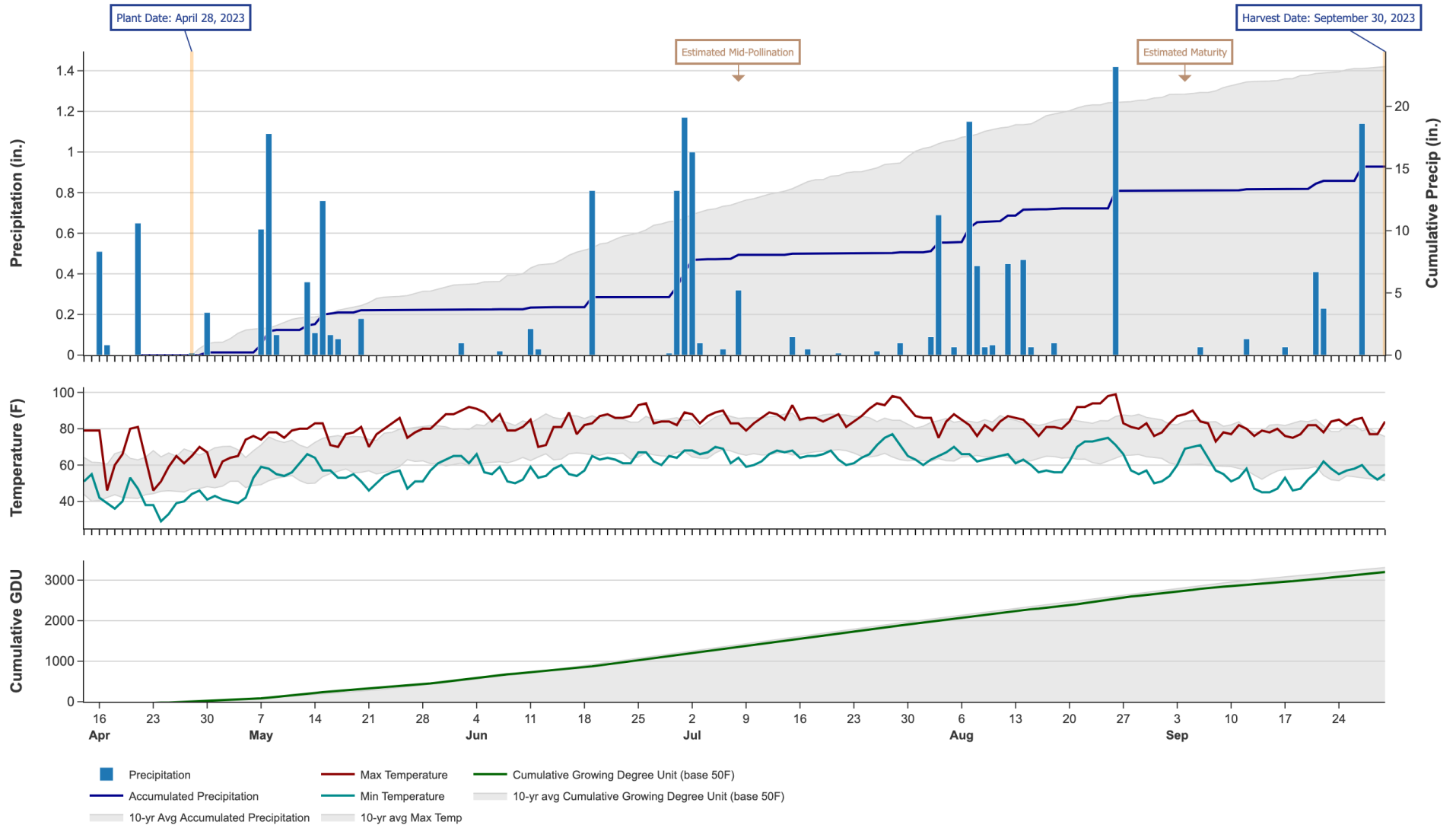
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2023 Corn - Illinois South [ILSO]

Weather Conditions Summary at EFFINGHAM, IL

Weather Data Retrieved: 10/01/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	1.4 3.3 (-1.8)	3.4 4.6 (-1.2)	1.9 5.3 (-3.4)	2.8 5.6 (-2.8)	4.9 4.3 (+0.7)	1.9 2.5 (-0.6)	16.4 25.5 (-9.2)
GDU Avg (Diff)	132 127 (+4)	480 457 (+22)	641 723 (-82)	792 790 (+1)	716 745 (-29)	552 576 (-24)	3313 3421 (-108)



* 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.