

Test by: Bottomline Seed Solutions, LLC Effingham, IL

2024 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] FLORA, IL
Brandon Warren, Wayne County, IL

Early-Season Test	107 - 112 Day CRM B2024ILSO02a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Prefix, Tendevo
SOIL DESCRIPTION:	Cisne silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 6.8 pH, 2.8% OM, 10.4 CEC
PEST MANAGEMENT:	Lexar, Accuron Gt
FERTILITY - Applied N:	191 Spring
Applied N-P-K (units):	191-69-90
SEEDED - RATE - ROW:	May 21 34.0 /A 30" spacing
HARVESTED - STAND:	Oct 14 34.5 /A

TEST COMMENTS:

This location was planted later in May. Heavy rains after planting hurt the emergence. Some tar spot and crown rot were observed throughout the test. The lack of late-season rain took away some yield potential. Standability was good and there was very little lodging throughout the test. Moistures were very low, for the planting date. This indicates the trial died down instead of drying down. It was still a pretty good yield for everything this location went through this growing season.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P13050AM GC ↗	AM	113	234.6	16.9	0	35.8	912	1
Wyffels	W7048RIB ↗	STX	111	226.0	15.6	0	37.3	891	2
Integra	6274 VT2PRIB ↗	VT2P	112	221.4	16.5	0	32.1	865	5
AgVenture	AV6010AM ↗	AM	110	220.6	14.9	0	35.8	876	3
Wyffels	W6505 ↗	TRE	110	219.3	16.1	0	35.1	860	7
Dyna-Gro	D51VC95RIB ↗	VT2P	111	219.1	15.4	0	34.3	866	4
NuTech	70B4AM ↗	AM	110	219.1	15.5	0	33.9	865	6
Superior	S-8425 GC ↗	PCE	109	217.9	16.5	0	30.9	851	8
FS InVision	FS 6042F RIB ↗	VT4P	110	217.3	16.7	0	34.4	845	11
Wyffels	W6886RIB ↗	VT2P	111	216.6	16.8	0	33.9	842	13
DeKalb	DKC62-70RIB GC ↗	VT2P	112	215.3	16.0	0	38.1	845	12
FS InVision	FS 6248V RIB ↗	VT2P	112	214.7	15.6	0	37.3	846	9
AgVenture	AV4112PCE ↗	PCE	112	214.1	16.4	0	36.8	836	15
Pioneer	P1222AM GC ↗	AM	112	213.2	16.1	0	35.8	836	16
Renk	RK766SSPRO ↗	STXP	109	213.0	14.9	0	27.9	846	10
Integra	5935PCE ↗	PCE	109	212.0	14.7	0	34.3	842	14
Superior	S-8471 GC ↗	PCE	111	211.4	15.3	0	35.8	836	17
DeKalb	DKC59-82RIB GC ↗	VT2P	109	209.5	15.2	0	35.1	830	19
Integra	5802 VT2PRIB ↗	VT2P	108	209.2	14.9	0	28.4	831	18
AgVenture	AV9412AM ↗	AM	112	207.7	14.5	0	35.8	825	20
Channel	210-46VT2PRIB GC ↗	VT2P	110	207.7	14.8	0	33.8	825	21
Burrus	POWER PLUS 4V73AM ↗	AM	109	206.6	15.6	0	36.8	815	22
Channel	211-11VT2PRIB GC ↗	VT2P	111	206.2	17.0	0	29.9	800	28
Wyffels	W7536DGRIB ↗	VT2PDG	112	205.9	16.3	0	35.8	806	25
FS InVision	FS 5947T RIB ↗	TRE	109	205.4	15.3	0	30.6	812	23
Great Heart	HT-6950PCE ↗	PCE	109	203.6	16.3	0	33.8	796	29
NuTech	69C7PCE ↗	PCE	109	203.6	15.3	0	34.3	806	26
FS InVision	FS 6245V RIB ↗	VT2P	112	202.8	16.6	0	38.1	791	31
AgVenture	AV6612AM ↗	AM	112	202.6	16.2	0	35.1	793	30
NuTech	68C1V ↗	VE	108	201.7	14.8	0	36.6	801	27
DEKALB	DKC111-35RIB CK	VT2P	111	203.9	15.2	0	36.8	808	24
				Averages =	206.0	15.7	34.5	809	
				LSD (0.10) =	14.0	0.7	ns		
				LSD (0.25) =	7.4	0.3	ns		
				C.V. =	7.5				
				Historic yield: 165.72 bu/a, 24 yr(s)					

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Yield & Income Factors:

Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 Prices: GMO = \$3.97

Report Date: Oct. 15, 2024

† 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 exceeded 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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Illinois South [ILSO] FLORA, IL

Brandon Warren, Wayne County, IL

Full-Season Test	113 - 117 Day CRM B2024ILSO02b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Prefix, Tendevo
SOIL DESCRIPTION:	Cisne silt loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 6.8 pH, 2.8% OM, 10.4 CEC
PEST MANAGEMENT:	Lexar, Accuron Gt
FERTILITY - Applied N:	191 Spring
Applied N-P-K (units):	191-69-90
SEEDED - RATE - ROW:	May 21 34.0 /A 30" spacing
HARVESTED - STAND:	Oct 14 34.3 /A

TEST COMMENTS:

This location was planted later in May. Heavy rains after planting hurt the emergence. Some tar spot and crown rot were observed throughout the test. The lack of late-season rain took away some yield potential. Standability was good and there was very little lodging throughout the test. Moistures were very low, for the planting date. This indicates the trial died down instead of drying down. It was still a pretty good yield for everything this location went through this growing season.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
ProHarvest	85P58 VT2PRIB ↗	VT2P	115	229.1	16.9	0	34.9	890	1
FS InVision	FS 6447T RIB ↗	TRE	114	224.2	17.7	0	32.8	863	2
Burrus	8M81 TRE ↗	TRE	117	220.5	18.0	0	35.1	846	4
ProHarvest	84P78 TRERIB ↗	TRE	114	218.3	16.7	0	35.8	850	3
FS InVision	FS 6747T RIB ↗	TRE	117	218.0	18.0	0	29.9	836	6
Renk	RK921VT2P ↗	VT2P	115	217.9	17.2	0	35.8	843	5
Channel	215-70TRERIB GC ↗	TRE	115	217.4	18.6	0	35.1	827	7
Dyna-Gro	D56TC44RIB ↗	TRE	116	216.9	19.6	0	34.8	816	10
Integra	6624TRERIB ↗	TRE	116	212.3	17.7	0	28.4	817	9
FS InVision	FS 6627T RIB ↗	TRE	116	211.6	17.3	0	35.1	819	8
Great Heart	HT-7500TRE ↗	TRE	115	210.8	18.1	0	31.4	808	12
AgriGold	A647-42TRCRIB GC ↗	TRE	117	209.6	16.9	0	34.3	814	11
AgVenture	AV9916AM ↗	AM	116	209.0	18.5	0	33.8	797	17
Gateway	2716VT2PRO ↗	VT2P	116	207.1	16.9	0	37.3	804	14
Great Heart	HT-7360VT2P ↗	VT2P	113	207.1	18.8	0	32.1	787	23
Wyffels	W8108RIB ↗	STX	114	206.5	17.5	0	35.1	796	18
Golden Harvest	G14B32-DV ↗	DV	114	206.0	17.9	0	31.3	791	20
Pioneer	P17677AM GC ↗	AM	117	205.3	16.7	0	35.1	799	16
DeKalb	DKC64-22RIB GC ↗	VT2P	114	205.1	17.4	0	35.8	793	19
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	204.6	15.9	0	33.6	804	15
Wyffels	W8086RIB ↗	VT2P	114	204.5	17.3	0	36.6	791	21
AgVenture	AV3213AM ↗	AM	113	203.2	17.2	0	32.1	787	24
NuTech	74A5PCE ↗	PCE	114	202.9	16.6	0	33.6	791	22
Gateway	3919TRE ↗	TRE	117	202.5	18.3	0	32.9	774	29
DeKalb	DKC66-04RIB GC ↗	STX	116	201.7	17.8	0	37.3	775	27
AgVenture	AV2816PCE ↗	PCE	116	200.8	17.6	0	32.8	774	30
NuTech	73A6AML ↗	AML	113	200.3	17.3	0	34.4	775	28
Burrus	6N54 VT2P ↗	VT2P	113	199.5	16.7	0	32.1	777	26
Dyna-Gro	D53SP85RIB ↗	STXP	113	198.9	15.8	0	34.4	783	25
Integra	6493 VT2PRIB ↗	VT2P	114	198.4	16.8	0	36.6	771	31
DEKALB	DKC111-35RIB CK	VT2P	111	204.8	15.9	0	35.1	805	13
				Averages =	201.5	17.3	34.3	777	
				LSD (0.10) =	14.5	0.9	ns		
				LSD (0.25) =	7.6	0.5	ns		
				C.V. =	7.9				
				Historic yield: 165.72 bu/a, 24 yr(s)					

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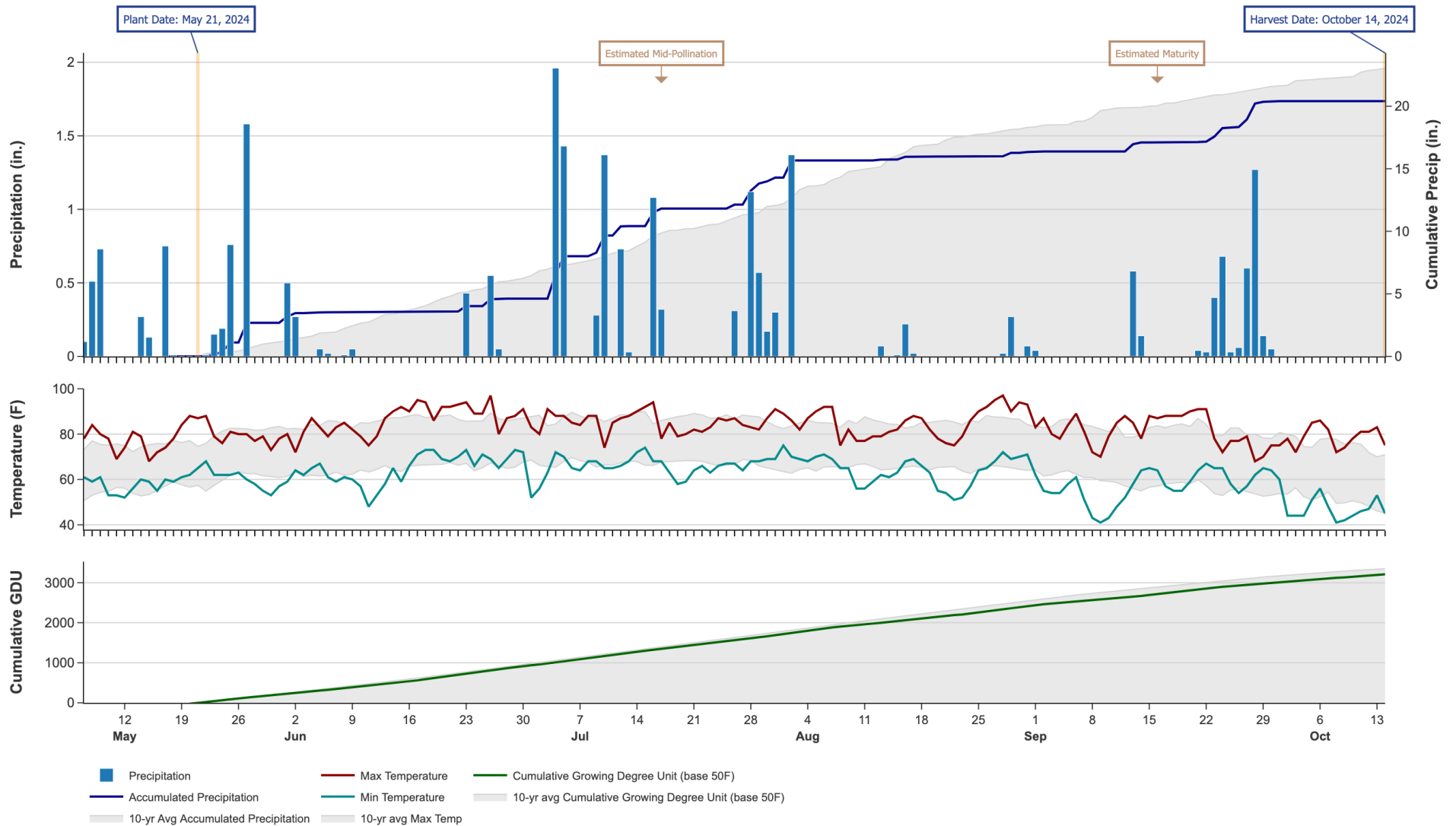
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2024 Corn - Illinois South [ILSO]

Weather Conditions Summary at FLORA, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	5.2 3.2 (+2.0)	1.9 5.1 (-3.2)	9.7 5.8 (+3.8)	2.0 6.2 (-4.2)	4.1 3.3 (+0.8)	0.0 1.5 (-1.5)	22.9 25.1 (-2.2)
GDU Avg (Diff)	468 438 (+29)	727 747 (-20)	766 818 (-52)	730 774 (-44)	581 605 (-24)	210 193 (+16)	3482 3577 (-95)



* 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.

2024 Corn - Illinois South [ILSO]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A639-03VT2RIB GC	VT2P	Y	109	AC,P1V
AgriGold	A642-05VT2RIB GC	VT2P	Y	112	AC,P1V
AgVenture	AV2208V	VE	Y	108	Lum, L1
AgVenture	AV4112PCE	PCE	Y	112	Lum, L1
AgVenture	AV6010AM	AM	Y	110	Lum
AgVenture	AV6612AM	AM	Y	112	Lum
AgVenture	AV9412AM	AM	Y	112	Lum
Burrus	4W42 PCE	PCE	Y	108	Lum, L1
Burrus	POWER PLUS 4V73AM	AM	Y	109	Lum, L1
Channel	210-46VT2PRIB GC	VT2P	Y	110	AC,P2V
Channel	211-11VT2PRIB GC	VT2P	Y*	111	AC,P2V
DeKalb	DKC111-35RIB CK	VT2P	Y*	111	AC,P5V
DeKalb	DKC59-82RIB GC	VT2P	Y	109	AC,P5V
DeKalb	DKC62-70RIB GC	VT2P	Y	112	AC,P5V
Dyna-Gro	D49PN05RA	PCE	Y	109	AC,P5V
Dyna-Gro	D51VC95RIB	VT2P	Y	111	AC,P5V
FS InVision	FS 5947T RIB	TRE	Y	109	AC,P5V,EDC-EL
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,EDC-EL
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V
FS InVision	FS 6245V RIB	VT2P	Y	112	AC,P5V,EDC-EL
FS InVision	FS 6248V RIB	VT2P	Y	112	CM,C5,Vi
Golden Harvest	G11V76-AA	AA	Y	111	AVC,C1,Vi,Va
Golden Harvest	G12U11-AA	AA	Y	112	CM,C1,Vi,Va
Great Heart	HT-6950PCE	PCE	N	109	F,I
Integra	5775 VT2PRIB	VT2P	Y	107	AC,P5V,St,SU
Integra	5802 VT2PRIB	VT2P	Y	108	AC,P5V,St,SU
Integra	5935PCE	PCE	Y	109	AC,P5V,St,SU
Integra	6274 VT2PRIB	VT2P	Y	112	NA
Martin	SS-384-5TRE GC	TRE	U	108	AC,P5V,EDC-EL
Martin	SS-396-4 VT2RIB GC	VT2P	U	109	AC,P2
Martin	SS-427-4 TRE GC	TRE	U	112	AC,P5V
NuTech	68C1V	VE	Y	108	LumPro P2
NuTech	69C7PCE	PCE	Y	109	LumPro P2
NuTech	70B4AM	AM	Y	110	LumPro P2
NuTech	70F6V	VE	Y	110	LumPro P2
NuTech	72C1PCE	PCE	Y	112	LumPro P2
Pioneer	P1170AM GC	AM	Y	111	Lum
Pioneer	P1222AM GC	AM	Y	112	Lum
Pioneer	P13050AM GC	AM	Y	113	Lum
Renk	RK766SSPRO	STXP	Y*	109	AC,P5V,EDC-EL
Renk	RK773TRE	TRE	Y*	109	AC,P2
Superior	S-8425 GC	PCE	U	109	F,I

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Superior	S-8430 GC	PCE	U	110	F,I
Superior	S-8471 GC	PCE	U	111	F,I
Wyffels	W6505	TRE	N	110	AC,P5V
Wyffels	W6886RIB	VT2P	Y*	111	CM,C2,Vi,Va
Wyffels	W7048RIB	STX	Y*	111	CM,C2,Vi,Va
Wyffels	W7536DGRIB	VT2PDG	Y*	112	AC,P5V

* 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.

2024 Corn - Illinois South [ILSO]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A643-52VT2RIB GC	VT2P	Y	113	AC,P1V
AgriGold	A647-42TRCRIB GC	TRE	Y	117	AC,P1V
AgVenture	AV2816PCE	PCE	Y	116	Lum, L1
AgVenture	AV3213AM	AM	Y	113	Lum
AgVenture	AV3514AML	AML	Y	114	Lum
AgVenture	AV4713PCE	PCE	Y	113	Lum
AgVenture	AV9916AM	AM	Y	116	Lum
Burrus	6N54 VT2P	VT2P	Y	113	AC,P5V,EDC-EL
Burrus	8M81 TRE	TRE	Y	117	AC,P5V,EDC-B
Channel	214-78DGV2PRIB GC	VT2PDG	Y	114	AC,P2V
Channel	215-70TRERIB GC	TRE	Y	115	AC,P2V
DeKalb	DKC111-35RIB CK	VT2P	Y*	111	AC,P5V
DeKalb	DKC64-22RIB GC	VT2P	Y	114	AC,P5V
DeKalb	DKC66-04RIB GC	STX	Y	116	AC,P5V,EDC-EL
Dyna-Gro	D53SP85RIB	STXP	Y	113	AC,P5V
Dyna-Gro	D56TC44RIB	TRE	Y	116	AC,P5V
FS InVision	FS 6447T RIB	TRE	Y	114	AC,P5V,EDC-EL
FS InVision	FS 6545V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6595V RIB	VT2P	Y	115	AC,P5V
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V
FS InVision	FS 6747T RIB	TRE	Y	117	AC,P5V,EDC-EL
Gateway	2716VT2PRO	VT2P	N	116	AC,P5V
Gateway	3916TRE	TRE	N	116	AC,P5V
Gateway	3919TRE	TRE	N	117	AC,P5V
Golden Harvest	G14B32-DV	DV	Y	114	CM,C5,Vi,Va
Golden Harvest	G15U34-V	V	Y	115	CM,C2,Vi,Va
Great Heart	HT-7360VT2P	VT2P	N	113	F,I
Great Heart	HT-7393VT2P	VT2P	Y	113	F,I
Great Heart	HT-7500TRE	TRE	N	115	F,I
Integra	6493 VT2PRIB	VT2P	Y*	114	AC,P1V
Integra	6624TRERIB	TRE	Y	116	NA
NuTech	72D4AM	AM	Y	112	LumPro P2
NuTech	73A4AM	AM	Y	113	LumPro P2
NuTech	73A6AML	AML	Y	113	LumPro P2
NuTech	74A5PCE	PCE	Y	114	LumPro P2
NuTech	75C1PCE	PCE	Y	115	LumPro P2
Pioneer	P14830AML GC	AML	Y	114	Lum
Pioneer	P15784AM GC	AM	Y	115	Lum
Pioneer	P17677AM GC	AM	Y	117	Lum
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,Va
ProHarvest	85P58 VT2PRIB	VT2P	Y	115	AC,P5V,Va
Renk	RK921VT2P	VT2P	N	115	AC,P5V,EDC-EL

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Renk	RK958VT2P	VT2P	Y*	115	AC,P2
Superior	S-8523 GC	PCE	U	114	F,I
Wyffels	W7759RIB	STXP	Y*	113	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8086RIB	VT2P	Y*	114	CM,C2,Vi,Va
Wyffels	W8108RIB	STX	Y*	114	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®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

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,P2V	Acceleron® Poncho 250/Votivo
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,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C1,Vi,Va	Avicta® Complete 1250, Vibrance®, Vayantis®
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Vi	CruiserMaxx® 500 with Vibrance
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
F,I	Fungicide, Insecticide
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/ Lumivia250 insecticide, Lumialza nematicide

* Seed treatments may include unspecified plant health promoting components.