

Test by: Bottomline Seed Solutions, LLC Effingham, IL

2024 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] SALEM, IL

Tom Beyers, Marion County, IL 62870

Early-Season Test	107 - 112 Day CRM B2024ILSO03a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Prefix, 2,4-D, Roundup
SOIL DESCRIPTION:	Cisne silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 6.6 pH, 1.8% OM, 8.5 CEC
PEST MANAGEMENT:	Fultime, Callisto
FERTILITY - Applied N:	200 Spring, 24 oz Ag Saver 53%
Applied N-P-K (units):	200-92-0
SEDED - RATE - ROW:	May 20 34.0 /A 30" spacing
HARVESTED - STAND:	Oct 15 33.9 /A

TEST COMMENTS:

This location was planted in mid-May in perfect conditions. Emergence was good. Early season plant health was excellent. The dry June was followed by timely rains in mid-summer. Unfortunately, there was a wind event at tasselling that caused some green snap damage, to some of the hybrids, throughout the trial. Very good standability and plant health at harvest. A good representative location for southern Illinois.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Martin	SS-384-5TRE GC ↗	TRE	108	213.0	17.6	1	34.3	821	2
Dyna-Gro	D49PN05RA ↗	PCE	109	211.9	15.7	1	29.9	835	1
DeKalb	DKC59-82RIB GC ↗	VT2P	109	209.6	16.3	1	34.3	820	3
FS InVision	FS 6248V RIB ↗	VT2P	112	208.6	16.6	1	36.6	813	4
FS InVision	FS 6042F RIB ↗	VT4P	110	208.2	16.7	1	33.6	811	6
NuTech	70B4AM ↗	AM	110	208.0	16.3	1	35.8	813	5
Pioneer	P13050AM GC ↗	AM	113	205.8	18.7	1	33.6	783	15
FS InVision	FS 5947T RIB ↗	TRE	109	205.6	16.2	1	32.1	805	7
AgVenture	AV6612AM ↗	AM	112	205.3	18.2	1	32.1	785	14
AgriGold	A642-05VT2RIB GC ↗	VT2P	112	205.1	17.6	1	32.9	790	12
Dyna-Gro	D51VC95RIB ↗	VT2P	111	204.8	16.1	1	34.3	803	8
Channel	210-46VT2PRIB GC ↗	VT2P	110	203.4	16.8	1	32.1	791	9
Great Heart	HT-6950PCE ↗	PCE	109	202.2	16.3	1	30.6	791	10
Wyffels	W6505 ↗	TRE	110	201.5	16.2	1	34.3	789	13
AgriGold	A639-03VT2RIB GC ↗	VT2P	109	200.1	17.0	1	34.3	776	19
NuTech	70F6V ↗	VE	110	199.9	16.9	1	34.3	777	17
Integra	5935PCE ↗	PCE	109	199.8	15.2	1	34.3	791	11
NuTech	69C7PCE ↗	PCE	109	199.6	16.7	1	32.1	777	18
Martin	SS-427-4 TRE GC ↗	TRE	112	199.4	17.5	1	34.3	770	22
Channel	211-11VT2PRIB GC ↗	VT2P	111	199.3	17.2	1	36.6	771	21
NuTech	72C1PCE ↗	PCE	112	198.8	16.1	1	31.4	780	16
Pioneer	P1222AM GC ↗	AM	112	198.6	17.1	1	33.6	770	23
Superior	S-8425 GC ↗	PCE	109	198.0	17.9	1	34.3	760	25
AgVenture	AV6010AM ↗	AM	110	197.1	16.2	1	34.3	772	20
Golden Harvest	G11V76-AA ↗	AA	111	196.9	18.3	1	33.6	753	26
Pioneer	P1170AM GC ↗	AM	111	195.6	18.0	1	34.3	750	27
AgVenture	AV9412AM ↗	AM	112	195.3	16.5	1	32.9	762	24
Superior	S-8471 GC ↗	PCE	111	191.7	17.7	1	36.6	738	30
Integra	5775 VT2PRIB ↗	VT2P	107	189.9	16.1	1	33.6	745	28
Renk	RK766SSPRO ↗	STXP	109	188.6	15.9	1	32.1	741	29
DEKALB	DKC111-35RIB CK	VT2P	111	179.7	16.5	1	31.4	701	44
				Averages =	193.6	16.7	1	33.9	754
				LSD (0.10) =	18.4	0.8	ns		
				LSD (0.25) =	9.7	0.4	ns		
				C.V. =	10.4				
				Historic yield: 149.2 bu/a, 21 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. 16, 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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2024 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] SALEM, IL

Tom Beyers, Marion County, IL 62870

Full-Season Test	113 - 117 Day CRM B2024ILSO03b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Prefix, 2,4-D, Roundup
SOIL DESCRIPTION:	Cisne silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 6.6 pH, 1.8% OM, 8.5 CEC
PEST MANAGEMENT:	Fultime, Callisto
FERTILITY - Applied N:	200 Spring, 24 oz Ag Saver 53%
Applied N-P-K (units):	200-92-0
SEDED - RATE - ROW:	May 20 34.0 /A 30" spacing
HARVESTED - STAND:	Oct 15 34.6 /A

TEST COMMENTS:

This location was planted in mid-May in perfect conditions. Emergence was good. Early season plant health was excellent. The dry June was followed by timely rains in mid-summer. Unfortunately, there was a wind event at tasselling that caused some green snap damage, to some of the hybrids, throughout the trial. Very good standability and plant health at harvest. A good representative location for southern Illinois.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVision	FS 6447T RIB ↗	TRE	114	225.6	19.2	1	34.3	853	1
Gateway	3919TRE ↗	TRE	117	224.3	22.1	1	34.3	819	4
Dyna-Gro	D56TC44RIB ↗	TRE	116	218.0	19.5	1	36.6	822	2
Channel	215-70TRERIB GC ↗	TRE	115	216.9	19.0	1	38.1	822	3
Wyffels	W8086RIB ↗	VT2P	114	216.3	19.6	1	35.1	814	5
Renk	RK921VT2P ↗	VT2P	115	212.4	18.7	1	35.1	808	6
Pioneer	P17677AM GC ↗	AM	117	211.9	19.3	1	38.1	801	10
Integra	6624TRERIB ↗	TRE	116	211.2	18.4	1	32.1	807	8
FS InVision	FS 6627T RIB ↗	TRE	116	211.1	18.2	1	31.4	808	7
DeKalb	DKC64-22RIB GC ↗	VT2P	114	210.4	18.0	1	35.8	807	9
AgVenture	AV3514AML ↗	AML	114	210.1	19.5	1	35.1	792	13
Burrus	6N54 VT2P ↗	VT2P	113	209.6	18.8	1	35.8	797	12
NuTech	74A5PCE ↗	PCE	114	209.2	19.2	1	35.1	791	14
ProHarvest	84P78 TRERIB ↗	TRE	114	208.5	18.8	1	32.9	791	15
Gateway	2716VT2PRO ↗	VT2P	116	206.5	20.2	1	30.6	772	21
Channel	214-78DGV2PRIB GC ↗	VT2PDG	114	206.4	17.2	1	34.4	799	11
ProHarvest	85P58 VT2PRIB ↗	VT2P	115	206.4	18.4	1	37.3	787	16
Wyffels	W7759RIB ↗	STXP	113	206.0	19.8	1	34.3	773	20
Great Heart	HT-7360VT2P ↗	VT2P	113	205.8	18.8	1	35.1	782	17
Pioneer	P15784AM GC ↗	AM	115	203.5	19.2	1	35.1	769	22
Wyffels	W7945RIB ↗	TRE	114	202.6	18.0	1	32.8	777	19
AgriGold	A643-52VT2RIB GC ↗	VT2P	113	201.7	18.9	1	33.6	766	23
AgVenture	AV2816PCE ↗	PCE	116	201.7	19.3	1	34.3	762	24
AgVenture	AV9916AM ↗	AM	116	201.0	19.2	1	32.9	760	25
FS InVision	FS 6595V RIB ↗	VT2P	115	201.0	19.7	1	35.9	756	27
Integra	6493 VT2PRIB ↗	VT2P	114	200.5	19.7	1	35.8	754	28
AgVenture	AV4713PCE ↗	PCE	113	199.8	19.4	1	32.9	754	29
Golden Harvest	G14B32-DV ↗	DV	114	199.5	18.6	1	32.8	760	26
FS InVision	FS 6545V RIB ↗	VT2P	115	196.0	18.3	1	35.8	749	30
NuTech	72D4AM ↗	AM	112	193.8	18.1	1	32.1	743	31
DEKALB	DKC111-35RIB CK	VT2P	111	200.8	16.9	1	34.3	780	18
				Averages =	200.2	18.9	1	34.6	759
				LSD (0.10) =	13.4	0.8	1		
				LSD (0.25) =	7.1	0.4	1		
				C.V. =	7.4				
				Historic yield: 149.2 bu/a, 21 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. 16, 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

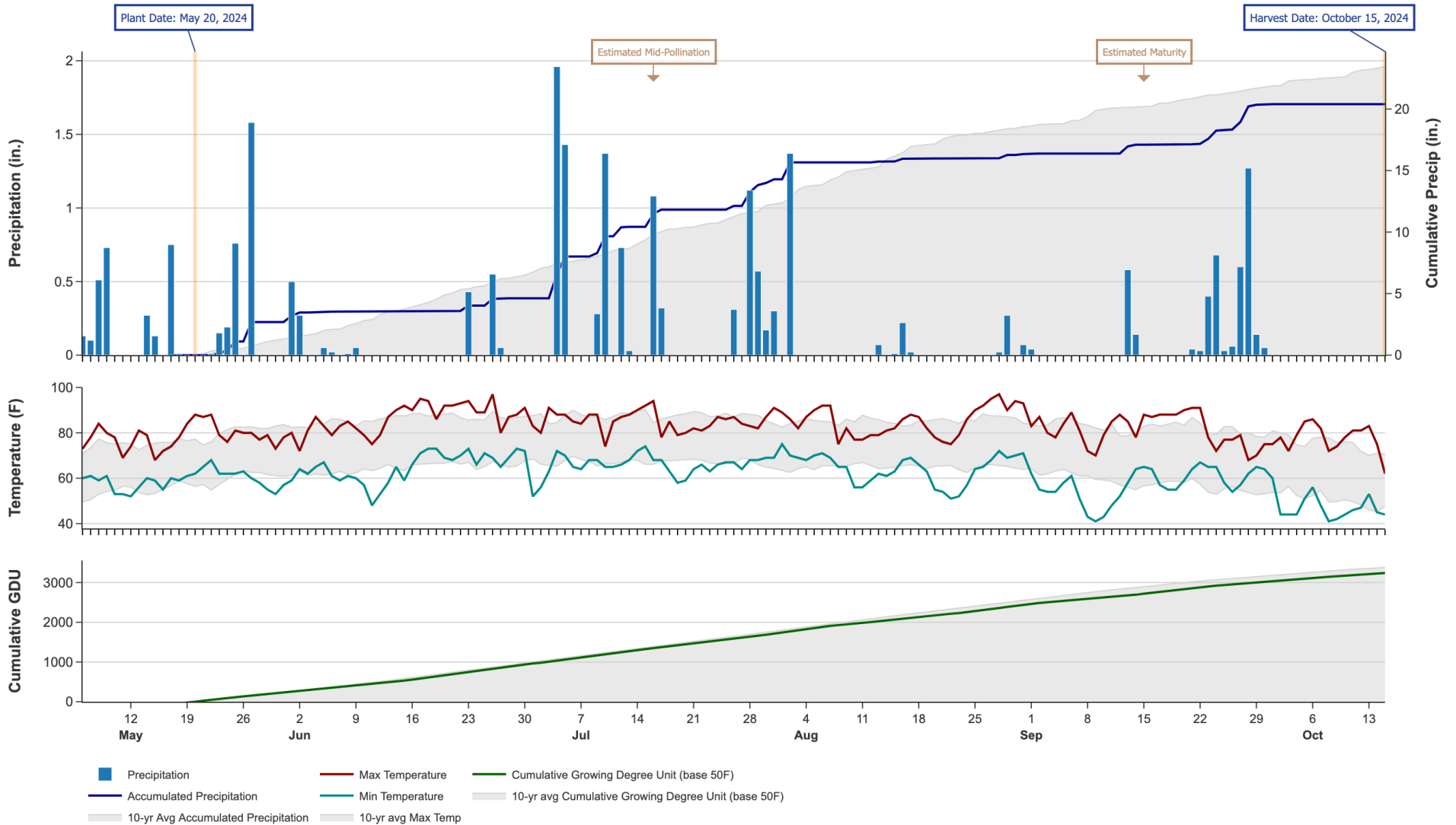
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2024 Corn - Illinois South [ILSO]

Weather Conditions Summary at SALEM, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	5.3 3.3 (+2.0)	1.9 5.2 (-3.3)	9.7 5.7 (+3.9)	2.0 6.3 (-4.3)	4.1 3.2 (+0.8)	0.0 1.6 (-1.6)	23.0 25.5 (-2.4)
GDU Avg (Diff)	484 450 (+33)	727 747 (-20)	766 818 (-52)	730 775 (-45)	581 606 (-25)	216 204 (+11)	3504 3602 (-98)



* 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.