

Test by: Bottomline Seed Solutions, LLC Effingham, IL

## 2024 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE, IL

John Barttelbort, St.Clair County, IL 62221

<b>Early-Season Test</b>	107 - 112 Day CRM B2024ILSO05a
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Roundup, Liberty, 2,4-D
<b>SOIL DESCRIPTION:</b>	Edwardsville silt loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, medium P, low K, 5.0 pH, 2.8% OM, 16.0 CEC
<b>PEST MANAGEMENT:</b>	Accuron, Trivapro
<b>FERTILITY - Applied N:</b>	150 Spring
<b>Applied N-P-K (units):</b>	150-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 7 34.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 29 32.5 /A

### TEST COMMENTS:

*This location was planted in early June. The warm moist conditions got this trial off to a fast start. Many of the hybrids were joined far apart and tall to very tall. This caused some root lodging for some hybrids. Most hybrids were very healthy due to a timely fungicide application. Overall great yields for a location planted in June and that didn't receive much late-season rainfall.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	211-11VT2PRIB GC ↗	VT2P	111	<b>263.1</b>	17.8	0	35.3	1012	1
AgVenture	AV6010AM ↗	AM	110	<b>252.5</b>	17.7	1	31.4	972	2
Burrus	POWER PLUS 4V73AM ↗	AM	109	<b>252.1</b>	18.4	12	34.2	962	3
FS InVision	FS 5947T RIB ↗	TRE	109	<b>251.7</b>	18.3	0	31.4	962	4
AgriGold	A642-05VT2RIB GC ↗	VT2P	112	<b>250.6</b>	19.0	0	31.4	949	5
Pioneer	P1170AM GC ↗	AM	111	<b>250.1</b>	19.5	0	32.1	943	7
FS InVision	FS 6133VDG RIB ↗	VT2PDG	111	249.0	19.6	0	30.7	937	13
Burrus	4W42 PCE ↗	PCE	108	247.1	18.9	0	31.4	938	12
Wyffels	W7536DGRIB ↗	VT2PDG	112	246.8	18.6	6	34.2	940	11
NuTech	68C1V ↗	VE	108	246.5	18.1	0	34.9	944	6
Wyffels	W6505 ↗	TRE	110	245.9	18.9	0	33.5	933	14
NuTech	70B4AM ↗	AM	110	245.6	18.0	0	31.4	942	9
AgVenture	AV4112PCE ↗	PCE	112	245.0	17.7	0	34.2	943	8
Pioneer	P1222AM GC ↗	AM	112	244.0	19.0	26	34.9	924	15
Golden Harvest	G12U11-AA ↗	AA	112	243.6	19.7	0	33.5	915	21
Martin	SS-384-5TRE GC ↗	TRE	108	243.5	18.9	0	30.7	924	16
Pioneer	P13050AM GC ↗	AM	113	242.9	19.9	0	33.5	911	23
DeKalb	DKC62-70RIB GC ↗	VT2P	112	242.5	17.0	0	32.1	941	10
NuTech	69C7PCE ↗	PCE	109	236.1	17.4	38	33.5	912	22
AgriGold	A639-03VT2RIB GC ↗	VT2P	109	235.7	17.5	1	33.5	910	24
Renk	RK766SSPRO ↗	STXP	109	235.7	16.2	0	32.1	924	17
NuTech	72C1PCE ↗	PCE	112	235.6	18.3	4	34.9	900	25
FS InVision	FS 6042F RIB ↗	VT4P	110	235.5	18.6	1	31.4	897	26
Great Heart	HT-6950PCE ↗	PCE	109	233.7	18.7	0	35.5	889	28
Renk	RK773TRE ↗	TRE	109	233.1	15.9	0	32.8	916	20
AgVenture	AV9412AM ↗	AM	112	232.8	19.0	27	32.1	882	31
DeKalb	DKC59-82RIB GC ↗	VT2P	109	232.7	15.6	0	33.5	918	19
AgVenture	AV2208V ↗	VE	108	230.6	17.9	12	32.1	886	29
Dyna-Gro	D51VC95RIB ↗	VT2P	111	230.1	16.7	0	34.2	896	27
Integra	5802 VT2PRIB ↗	VT2P	108	224.7	15.6	0	32.1	886	30
DEKALB	DKC111-35RIB CK	VT2P	111	238.8	17.7	0	31.4	919	18
				<b>Averages =</b>	<b>234.9</b>	<b>18.1</b>	<b>5</b>	<b>32.5</b>	<b>900</b>
				LSD (0.10) =	15.1	1.1	11		
				LSD (0.25) =	7.9	0.6	6		
				C.V. =	7.0	Historic yield: 199.38 bu/a, 23 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. 30, 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](http://www.firstseedtests.com)

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## 2024 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE, IL

John Barttelbort, St.Clair County, IL 62221

<b>Full-Season Test</b>	113 - 117 Day CRM B2024ILSO05b
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Roundup, Liberty, 2,4-D
<b>SOIL DESCRIPTION:</b>	Edwardsville silt loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, medium P, low K, 5.0 pH, 2.8% OM, 16.0 CEC
<b>PEST MANAGEMENT:</b>	Accuron, Trivapro
<b>FERTILITY - Applied N:</b>	150 Spring
<b>Applied N-P-K (units):</b>	150-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 7 34.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 29 32.2 /A

### TEST COMMENTS:

*This location was planted in early June. The warm moist conditions got this trial off to a fast start. Many of the hybrids were joined far apart and tall to very tall. This caused some root lodging for some hybrids. Most hybrids were very healthy due to a timely fungicide application. Overall great yields for a location planted in June and that didn't receive much late-season rainfall.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK921VT2P ↗	VT2P	115	<b>273.5</b>	20.4	0	34.9	1020	1
AgriGold	A647-42TRCRIB GC ↗	TRE	117	<b>252.2</b>	21.0	0	31.6	933	5
FS InVision	FS 6595V RIB ↗	VT2P	115	<b>251.6</b>	19.9	0	32.6	943	2
Wyffels	W7759RIB ↗	STXP	113	<b>251.2</b>	21.7	5	29.8	922	8
FS InVision	FS 6627T RIB ↗	TRE	116	<b>250.4</b>	21.9	5	27.0	916	10
AgVenture	AV3514AML ↗	AML	114	247.4	21.2	0	32.8	913	11
Wyffels	W7945RIB ↗	TRE	114	246.2	18.1	0	33.5	943	3
NuTech	73A4AM ↗	AM	113	244.2	18.8	0	31.4	928	6
DeKalb	DKC64-22RIB GC ↗	VT2P	114	243.9	17.6	0	34.4	939	4
Gateway	3919TRE ↗	TRE	117	243.0	22.9	0	32.8	879	23
Burrus	8M81 TRE ↗	TRE	117	242.9	21.6	0	33.5	892	17
ProHarvest	84P78 TRERIB ↗	TRE	114	242.5	18.3	0	33.5	927	7
Burrus	6N54 VT2P ↗	VT2P	113	242.4	21.2	4	31.4	895	15
AgVenture	AV4713PCE ↗	PCE	113	242.1	18.6	21	32.6	922	9
AgVenture	AV2816PCE ↗	PCE	116	242.0	20.5	6	30.0	901	13
Pioneer	P15784AM GC ↗	AM	115	239.3	20.5	0	33.5	891	19
FS InVision	FS 6545V RIB ↗	VT2P	115	238.7	20.0	0	30.7	894	16
NuTech	72D4AM ↗	AM	112	238.5	19.3	41	32.8	901	14
Wyffels	W8086RIB ↗	VT2P	114	238.3	20.5	0	32.8	887	20
Integra	6624TRERIB ↗	TRE	116	238.3	20.0	13	30.7	892	18
Golden Harvest	G14B32-DV ↗	DV	114	238.1	20.4	0	32.5	887	21
Dyna-Gro	D56TC44RIB ↗	TRE	116	237.9	21.6	20	31.4	874	24
Gateway	3916TRE ↗	TRE	116	237.8	21.9	0	33.5	871	27
FS InVision	FS 6747T RIB ↗	TRE	117	237.7	21.7	0	30.7	872	25
Pioneer	P14830AML GC ↗	AML	114	236.9	21.7	0	32.1	869	28
Pioneer	P17677AM GC ↗	AM	117	234.6	21.0	9	32.8	868	29
Dyna-Gro	D53SP85RIB ↗	STXP	113	233.9	17.2	0	32.1	905	12
Gateway	2716VT2PRO ↗	VT2P	116	233.6	19.2	2	31.4	884	22
Great Heart	HT-7500TRE ↗	TRE	115	232.1	20.3	0	30.0	866	30
FS InVision	FS 6447T RIB ↗	TRE	114	231.4	20.4	0	30.7	863	31
DEKALB	DKC111-35RIB CK	VT2P	111	229.1	18.6	3	31.6	872	26
				<b>Averages =</b>	<b>235.0</b>	<b>20.4</b>	<b>4</b>	<b>32.2</b>	<b>878</b>
				LSD (0.10) =	13.2	1.0	ns		
				LSD (0.25) =	6.9	0.5	ns		
				C.V. =	6.2				
				Historic yield: 199.38 bu/a, 23 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. 30, 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](http://www.firstseedtests.com)

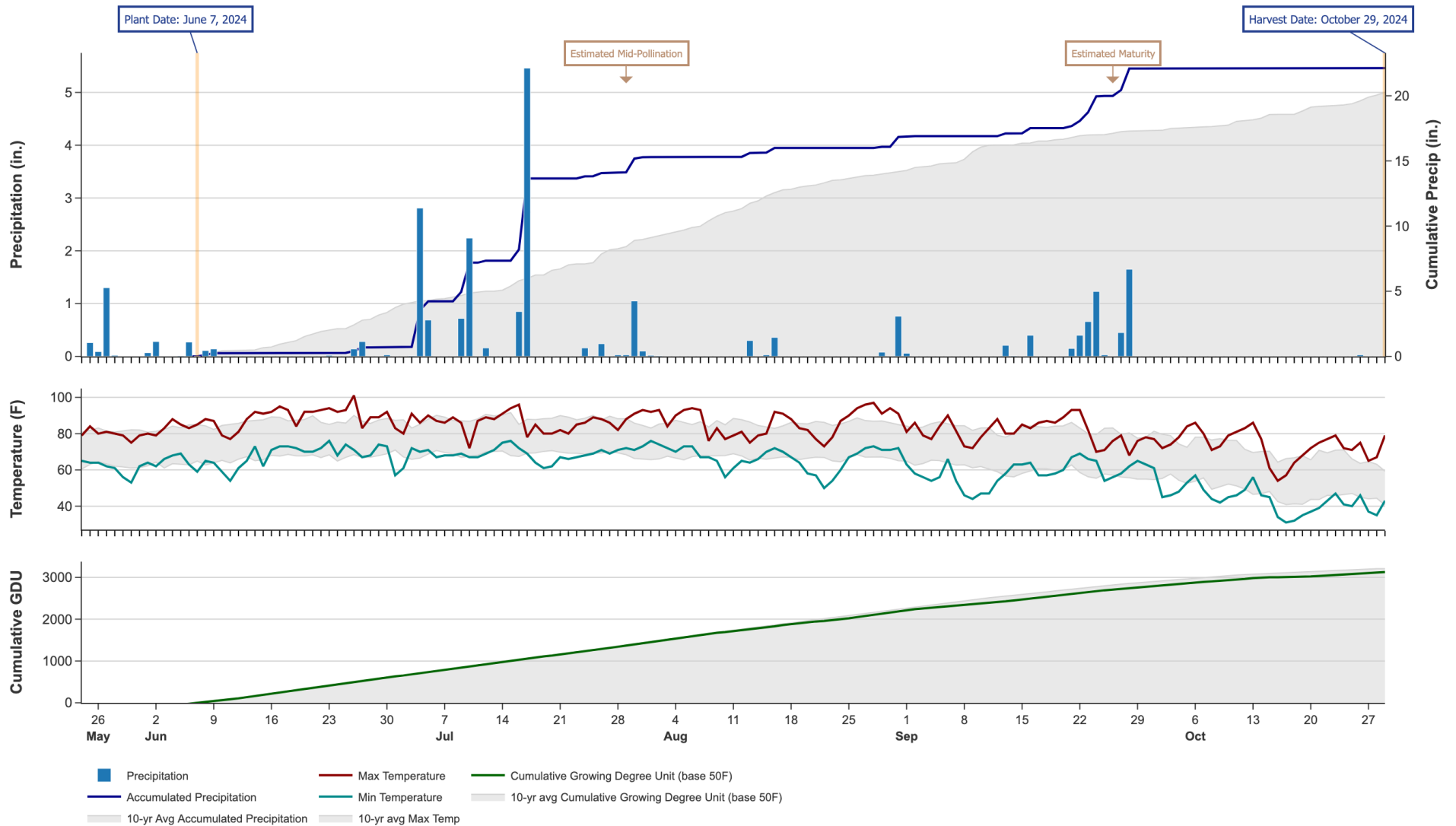
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# 2024 Corn - Illinois South [ ILSO ]

## Weather Conditions Summary at BELLEVILLE, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	1.7   1.0 (+0.7)	1.4   3.8 (-2.5)	14.6   5.6 (+8.9)	1.6   5.2 (-3.7)	5.2   3.1 (+2.2)	0.0   3.0 (-2.9)	24.4   21.7 (+2.7)
GDU   Avg (Diff)	162   175 (-13)	780   762 (+17)	814   845 (-31)	768   806 (-38)	588   634 (-46)	344   319 (+24)	3456   3544 (-88)



\* 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

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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

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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

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

## Corn Seed Treatments\*

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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

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\* Seed treatments may include unspecified plant health promoting components.