

# 2024 Corn Grain Top 30 Region Summary for Illinois South [ILSO]

## Early-Season Test

107 - 112 Day CRM

B2024ILSOa

Top 30 of 48

For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Belleville	Effingham	Flora	Nashville	Salem	
PIONEER	P13050AM GC ↗	AM	113	241.1	18.0	0	926	1	242.9	296.2	234.6	225.9	205.8	
NUTECH	70B4AM ↗	AM	110	236.9	16.8	0	921	2	245.6	274.8	219.1	237.2	208.0	
FS INVISION	FS 6042F RIB ↗	VT4P	110	236.2	17.5	1	911	4	235.5	278.4	217.3	241.7	208.2	
PIONEER	P1222AM GC ↗	AM	112	234.5	17.4	6	906	6	244.0	292.2	213.2	224.6	198.6	
AGVENTURE	AV6010AM ↗	AM	110	234.4	16.6	1	913	3	252.5	272.9	220.6	228.9	197.1	
CHANNEL	211-11VT2PRIB GC ↗	VT2P	111	233.6	17.0	0	907	5	263.1	265.0	206.2	234.5	199.3	
WYFFELS	W6505 ↗	TRE	110	232.3	17.0	0	901	7	245.9	254.7	219.3	240.0	201.5	
FS INVISION	FS 5947T RIB ↗	TRE	109	230.6	16.8	0	896	8	251.7	256.8	205.4	233.7	205.6	
AGRIGOLD	A642-05VT2RIB GC ↗	VT2P	112	228.8	17.9	0	877	12	250.6	269.8	191.5	226.7	205.1	
SUPERIOR	S-8471 GC ↗	PCE	111	228.5	18.1	2	875	13	231.2	286.3	211.4	222.0	191.7	
BURRUS	POWER PLUS 4V73AM ↗	AM	109	228.4	16.6	3	891	9	252.1	275.6	206.6	218.9	188.9	
FS INVISION	FS 6248V RIB ↗	VT2P	112	227.1	17.2	0	878	10	223.8	265.0	214.7	223.3	208.6	
SUPERIOR	S-8425 GC ↗	PCE	109	226.9	18.0	8	870	19	229.9	264.3	217.9	224.2	198.0	
MARTIN	SS-384-5TRE GC ↗	TRE	108	226.6	18.1	0	868	24	243.5	272.7	180.5	223.5	213.0	
PIONEER	P1170AM GC ↗	AM	111	226.4	17.9	0	869	23	250.1	272.5	200.6	213.2	195.6	
DEKALB	DKC62-70RIB GC ↗	VT2P	112	226.3	17.1	0	878	11	242.5	256.4	215.3	231.2	186.1	
MARTIN	SS-427-4 TRE GC ↗	TRE	112	226.0	17.5	0	872	17	228.1	280.0	197.9	224.4	199.4	
GOLDEN HARVEST	G12U11-AA ↗	AA	112	225.4	17.7	0	867	26	243.6	268.3	198.0	229.8	187.1	
AGVENTURE	AV6612AM ↗	AM	112	225.0	17.7	4	866	28	228.3	263.3	202.6	225.6	205.3	
AGVENTURE	AV9412AM ↗	AM	112	224.4	16.9	6	871	18	232.8	266.1	207.7	220.4	195.3	
GREAT HEART	HT-6950PCE ↗	PCE	109	224.0	16.9	0	870	20	233.7	263.1	203.6	217.5	202.2	
DYNA-GRO	D51VC95RIB ↗	VT2P	111	223.7	16.4	0	873	14	230.1	230.5	219.1	233.9	204.8	
AGVENTURE	AV4112PCE ↗	PCE	112	223.2	17.2	0	864	30	245.0	251.0	214.1	220.3	185.8	
NUTECH	72C1PCE ↗	PCE	112	223.1	17.1	1	865	29	235.6	261.7	193.0	226.5	198.8	
NUTECH	69C7PCE ↗	PCE	109	222.6	16.8	8	866	27	236.1	262.8	203.6	211.2	199.6	
INTEGRA	5935PCE ↗	PCE	109	221.9	15.7	0	873	16	214.0	264.8	212.0	219.2	199.8	
INTEGRA	5802 VT2PRIB ↗	VT2P	108	221.9	15.7	0	873	15	224.7	252.3	209.2	237.9	185.3	
RENK	RK766SSPRO ↗	STXP	109	221.5	15.8	0	870	21	235.7	248.3	213.0	221.7	188.6	
DEKALB	DKC59-82RIB GC ↗	VT2P	109	221.4	15.9	0	869	22	232.7	233.1	209.5	221.9	209.6	
NUTECH	68C1V ↗	VE	108	221.2	15.9	0	867	25	246.5	266.4	201.7	213.4	178.3	
DEKALB	DKC111-35RIB CK	VT2P	111	218.2	16.5	0	851	37	238.8	250.8	203.9	218.0	179.7	
				<b>Averages =</b>	<b>223.9</b>	<b>17.0</b>	<b>1</b>	<b>868</b>		<b>234.9</b>	<b>263.1</b>	<b>206.0</b>	<b>222.1</b>	<b>193.6</b>
				LSD (0.10) =	9.0	0.5	4			15.1	16.5	14.0	13.1	18.4
				LSD (0.25) =	4.7	0.3	2			7.9	8.6	7.4	6.9	9.7

*Klint Tucker*

Klint Tucker

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

Prev. years average yield for region: 171.05 bu/a, 28 yr(s)

**Yield & Income Factors:**

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.05

Prices: GMO = \$3.97; non-GMO = \$3.97

† 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 product's results at [www.firstseedtests.com](http://www.firstseedtests.com).

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: Oct. 30, 2024

# 2024 Corn Grain Top 30 Region Summary for Illinois South [ILSO]

**Full-Season Test**  
**113 - 117 Day CRM**  
B2024ILSOB

**Top 30 of 48**

For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Belleville	Effingham	Flora	Nashville	Salem	
FS INVISION	FS 6447T RIB ↗	TRE	114	<b>245.0</b>	19.4	0	923	2	231.4	288.3	<b>224.2</b>	<b>255.3</b>	<b>225.6</b>	
FS INVISION	FS 6627T RIB ↗	TRE	116	<b>241.8</b>	19.1	1	915	4	<b>250.4</b>	<b>295.4</b>	211.6	240.7	211.1	
CHANNEL	215-70TRERIB GC ↗	TRE	115	<b>241.8</b>	20.0	1	905	8	232.6	285.9	<b>217.4</b>	<b>256.1</b>	<b>216.9</b>	
AGRIGOLD	A647-42TRCRIB GC ↗	TRE	117	<b>241.3</b>	19.1	0	912	5	<b>252.2</b>	<b>311.1</b>	209.6	245.1	188.7	
RENK	RK921VT2P ↗	VT2P	115	<b>241.2</b>	18.5	0	919	3	<b>273.5</b>	262.7	<b>217.9</b>	239.7	212.4	
PROHARVEST	84P78 TRERIB ↗	TRE	114	<b>241.0</b>	18.0	0	925	1	242.5	289.4	<b>218.3</b>	246.5	208.5	
WYFFELS	W8086RIB ↗	VT2P	114	<b>239.7</b>	19.3	0	905	9	238.3	285.6	204.5	254.1	<b>216.3</b>	
DYNA-GRO	D56TC44RIB ↗	TRE	116	<b>239.5</b>	19.9	4	899	11	237.9	271.5	<b>216.9</b>	253.1	<b>218.0</b>	
BURRUS	6N54 VT2P ↗	VT2P	113	238.8	18.8	1	907	6	242.4	<b>296.7</b>	199.5	245.8	209.6	
BURRUS	8M81 TRE ↗	TRE	117	237.9	19.5	1	895	13	242.9	<b>298.8</b>	<b>220.5</b>	<b>255.0</b>	172.4	
GATEWAY	3919TRE ↗	TRE	117	237.7	20.8	0	881	19	243.0	261.0	202.5	<b>257.9</b>	<b>224.3</b>	
INTEGRA	6624TRERIB ↗	TRE	116	236.9	19.0	3	898	12	238.3	292.6	212.3	230.0	211.2	
PROHARVEST	85P58 VT2PRIB ↗	VT2P	115	236.7	18.4	0	904	10	226.8	282.2	<b>229.1</b>	239.2	206.4	
GREAT HEART	HT-7360VT2P ↗	VT2P	113	236.5	19.5	0	891	14	227.4	279.8	207.1	<b>262.5</b>	205.8	
DEKALB	DKC64-22RIB GC ↗	VT2P	114	236.0	17.9	0	906	7	243.9	279.3	205.1	241.2	210.4	
GATEWAY	2716VT2PRO ↗	VT2P	116	233.5	19.0	1	886	16	233.6	<b>299.1</b>	207.1	221.1	206.5	
AGVENTURE	AV9916AM ↗	AM	116	233.3	19.6	0	878	22	220.9	280.4	209.0	<b>255.2</b>	201.0	
FS INVISION	FS 6595V RIB ↗	VT2P	115	233.0	19.3	0	879	21	<b>251.6</b>	276.0	187.1	249.5	201.0	
FS INVISION	FS 6747T RIB ↗	TRE	117	232.6	19.6	1	875	23	237.7	292.9	<b>218.0</b>	245.8	168.7	
PIONEER	P17677AM GC ↗	AM	117	232.6	19.1	2	881	20	234.6	277.8	205.3	233.3	211.9	
AGVENTURE	AV4713PCE ↗	PCE	113	232.2	18.3	5	888	15	242.1	268.1	197.8	253.0	199.8	
FS INVISION	FS 6545V RIB ↗	VT2P	115	232.0	18.4	0	886	17	238.7	284.6	196.7	244.2	196.0	
CHANNEL	214-78DGV2PRIB GC ↗	VT2PDG	114	229.7	17.6	2	885	18	228.2	273.0	204.6	236.2	206.4	
AGVENTURE	AV3514AML ↗	AML	114	229.4	19.3	0	866	27	247.4	261.4	197.1	231.1	210.1	
GREAT HEART	HT-7500TRE ↗	TRE	115	229.2	19.2	1	866	28	232.1	272.1	210.8	242.6	188.4	
PIONEER	P15784AM GC ↗	AM	115	229.2	19.0	0	868	26	239.3	275.1	196.9	231.2	203.5	
NUTECH	74A5PCE ↗	PCE	114	228.8	18.6	0	871	25	228.4	267.4	202.9	235.8	209.2	
GOLDEN HARVEST	G14B32-DV ↗	DV	114	227.0	18.7	0	863	30	238.1	262.5	206.0	228.9	199.5	
NUTECH	72D4AM ↗	AM	112	224.7	17.6	9	865	29	238.5	276.2	167.0	248.0	193.8	
WYFFELS	W7945RIB ↗	TRE	114	223.8	17.4	0	863	31	246.2	265.8	176.6	227.8	202.6	
DEKALB	DKC111-35RIB CK	VT2P	111	225.5	17.2	1	873	24	229.1	259.2	204.8	233.7	200.8	
				<b>Averages =</b>	<b>230.0</b>	<b>18.9</b>	<b>1</b>	<b>873</b>		<b>235.0</b>	<b>275.2</b>	<b>201.5</b>	<b>238.4</b>	<b>200.2</b>
				LSD (0.10) =	9.4	0.6	ns			13.2	18.3	14.5	15.7	13.4
				LSD (0.25) =	5.0	0.3	ns			6.9	9.6	7.6	8.3	7.1

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**Yield & Income Factors:**

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.05

Prices: GMO = \$3.97; non-GMO = \$3.97

† 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 product's results at [www.firstseedtests.com](http://www.firstseedtests.com).

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Report Date: Oct. 30, 2024

## 2024 Corn Grain - 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 Grain - 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 Grain 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

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

### Corn Grain 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

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