

Test by: Bottomline Seed Solutions, LLC Effingham, IL

## 2025 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] NASHVILLE, IL  
Dan Bartling, Washington County, IL

<b>Early-Season Test</b>	<b>107 - 113</b> Day CRM B2025ILSO04a
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of <b>(4)</b> Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Liberty, Anthem Maxx
<b>SOIL DESCRIPTION:</b>	Hoyleton silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, 4.9 pH, 3.26% OM, 7.41 CEC, low P, low K, low S, low B, low Zn
<b>PEST MANAGEMENT:</b>	Degree, Atrazine, Mesotrione, Delaro, Bifen, Corn Plus
<b>FERTILITY - Applied N:</b>	197 Spring
<b>Applied N-P-K (units):</b>	197-69-90
<b>SEEDING - RATE - ROW:</b>	May 31 36.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 9 33.3 /A
<b>PEST &amp; DISEASE RISK:</b>	Fusarium*

### TEST COMMENTS:

*This conventional location was planted in late May in great conditions. Both the emergence and weed control were excellent. The unusually dry conditions throughout the season kept all plant heights below normal. Ear development was also drastically below average. This is a great example of a stressed southern Illinois location that simply missed the moisture it needed and did all it could with the very little rainfall it received.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W7424 ↗	PCE	112	<b>163.1</b>	14.3	1	34.4	628	1
NuTech	73B2V ↗	VE	113	<b>158.2</b>	14.1	1	35.1	609	2
Wyffels	W6505RIB GC ↗	TRE	110	<b>157.0</b>	13.6	1	32.9	604	3
FS InVision	FS 6157T RIB ↗	TRE	111	<b>155.4</b>	13.6	1	33.6	598	4
NuTech	71B6PCE ↗	PCE	111	<b>154.6</b>	13.8	1	32.1	595	5
Channel	209-70TRERIB GC ↗	TRE	109	<b>154.5</b>	14.0	1	32.1	595	6
AgVenture	AV4713PCE ↗	PCE	113	<b>154.3</b>	14.8	1	32.2	594	7
AgriGold	A642-18SS GC ↗	STX	112	153.4	14.4	1	33.6	591	8
Great Heart	HT-7335TRE ↗	TRE	113	153.2	14.1	1	35.1	590	9
DeKalb	DKC112-12RIB GC ↗	TRE	112	152.4	14.1	1	32.9	587	10
Channel	212-76TRERIB GC ↗	TRE	112	150.5	14.1	1	31.4	579	11
AgVenture	AV7710PCE ↗	PCE	110	150.3	13.3	1	35.1	578	12
Merschman	2411C-30 GC ↗	PCE	111	150.1	14.4	1	35.8	578	13
NuTech	69G1PCE ↗	PCE	109	149.8	13.8	1	32.1	577	14
Dyna-Gro	D52TC66RIB GC ↗	TRE	112	145.2	13.6	1	34.3	559	15
Dyna-Gro	D49PN05RA GC ↗	PCE	109	145.0	13.2	1	35.1	558	16
Dyna-Gro	DP52PN76RA GC ↗	PCE	112	144.9	13.8	1	34.8	558	17
Brevant	B12H48PCE GC ↗	PCE	112	144.5	13.2	1	33.8	556	18
AgVenture	AV4112PCE ↗	PCE	112	144.0	14.1	1	37.3	554	19
NuTech	69C7PCE ↗	PCE	109	142.4	14.1	1	32.2	548	20
Great Heart	HT-7210TRERIB ↗	TRE	112	142.1	14.0	1	31.9	547	21
FS InVision	FS 6245V RIB ↗	VT2P	112	141.7	13.6	1	30.7	546	22
Brevant	B11M47PCE GC ↗	PCE	111	141.6	13.8	1	34.3	545	23
Merschman	2512C-30 GC ↗	PCE	112	140.7	14.5	1	33.6	542	24
Wyffels	W6886RIB ↗	VT2P	111	140.7	13.5	1	31.4	542	25
FS InVision	FS 6349PC RA ↗	PCE	113	140.5	14.4	1	35.1	541	26
AgVenture	AV9511PCE ↗	PCE	111	140.5	13.1	1	33.6	541	27
Wyffels	W7485RIB ↗	TRE	112	140.3	13.3	1	30.7	540	28
Pioneer	P1170AM GC ↗	AM	111	140.1	14.1	1	33.6	539	29
Integra	5935 PCE ↗	PCE	109	139.4	13.3	1	29.9	536	30
DEKALB	DKC111-35RIB CK	VT2P	111	133.2	13.3	1	32.8	513	36
				<b>Averages =</b>	<b>141.5</b>	<b>13.8</b>	<b>1</b>	<b>33.3</b>	<b>544</b>
				<b>LSD (0.10) =</b>	12.2	0.4	ns		
				<b>LSD (0.25) =</b>	6.4	0.2	ns		
				<b>C.V. =</b>	9.5				
				Historic yield: 209.21 bu/a, 5 yr(s)					

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.05

Prices: GMO = \$3.85

Report Date: 10/10/2025

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

† 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. \*[Earthoptics](http://Earthoptics.com) used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com).

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Test by: Bottomline Seed Solutions, LLC Effingham, IL

## 2025 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] NASHVILLE, IL  
Dan Bartling, Washington County, IL

<b>Full-Season Test</b>	<b>114 - 119</b> Day CRM B2025ILSO04b
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of <b>(4)</b> Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Liberty, Anthem Maxx
<b>SOIL DESCRIPTION:</b>	Hoyleton silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, 4.9 pH, 3.26% OM, 7.41 CEC, low P, low K, low S, low B, low Zn
<b>PEST MANAGEMENT:</b>	Degree, Atrazine, Mesotrione, Delaro, Bifen, Corn Plus
<b>FERTILITY - Applied N:</b>	197 Spring
<b>Applied N-P-K (units):</b>	197-69-90
<b>SEEDED - RATE - ROW:</b>	May 31 36.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 9 33.1 /A
<b>PEST &amp; DISEASE RISK:</b>	Fusarium*

### TEST COMMENTS:

*This conventional location was planted in late May in great conditions. Both the emergence and weed control were excellent. The unusually dry conditions throughout the season kept all plant heights below normal. Ear development was also drastically below average. This is a great example of a stressed southern Illinois location that simply missed the moisture it needed and did all it could with the very little rainfall it received.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	77B1PCE ↗	PCE	117	<b>168.3</b>	15.9	1	37.3	641	1
Pioneer	P13050AM GC ↗	AM	113	<b>166.0</b>	15.5	1	34.3	635	2
NuTech	74A5PCE ↗	PCE	114	<b>160.9</b>	15.4	1	31.4	616	3
Integra	6624 TRERIB ↗	TRE	116	<b>157.5</b>	14.7	1	31.4	606	4
Great Heart	HT-7451VT2P ↗	VT2P	114	<b>157.5</b>	15.5	1	31.4	603	6
AgriGold	A644-64VT2P GC ↗	VT2P	114	<b>157.1</b>	14.5	1	32.1	605	5
Dyna-Gro	D60TC45RIB GC ↗	TRE	119	155.7	15.8	1	29.2	594	8
Gateway	3919TRE ↗	TRE	119	155.4	15.5	1	33.6	594	9
Brevant	B14C59PCE GC ↗	PCE	114	155.2	14.4	1	35.8	598	7
Burrus	8K34 VT2P ↗	VT2P	116	153.7	14.8	1	32.1	592	10
NuTech	75A8PCE ↗	PCE	115	152.8	14.2	1	35.1	588	11
Integra	6915 VT2P ↗	VT2P	119	152.7	15.3	1	36.6	586	12
AgVenture	AV9916AM ↗	AM	116	151.7	15.5	1	35.1	580	14
Channel	215-70TRERIB GC ↗	TRE	115	150.8	14.7	1	31.4	581	13
Brevant	B17H53PCE GC ↗	PCE	117	150.6	15.2	1	30.7	578	15
FS InVision	FS 6627T RIB ↗	TRE	116	149.8	15.0	1	31.4	577	16
DeKalb	DKC64-22RIB GC ↗	VT2P	114	149.3	14.3	1	34.3	575	18
Dyna-Gro	D55VC80RIB GC ↗	VT2P	115	148.5	15.1	1	31.4	571	19
ProHarvest	86P55 TRE ↗	TRE	116	148.4	15.3	1	35.1	569	22
FS InVision	FS 6545V RIB ↗	VT2P	115	148.2	14.5	1	32.9	571	20
Burrus	7B14 PCE ↗	PCE	114	148.1	13.9	1	35.8	570	21
AgVenture	AV2116PCE ↗	PCE	116	148.0	16.0	1	32.9	563	24
Gateway	3916TRE ↗	TRE	116	147.9	14.9	1	35.1	569	23
Gateway	4914TRE ↗	TRE	114	146.3	14.1	1	30.7	563	25
AgVenture	AV6115PCE ↗	PCE	115	146.3	14.0	1	35.1	563	26
DeKalb	DKC68-35RIB GC ↗	VT2P	118	145.0	15.1	1	35.1	558	27
Pioneer	P14830AML GC ↗	AML	114	144.9	15.3	1	35.1	555	28
Great Heart	HT-7720TRE ↗	TRE	117	144.2	15.6	1	32.9	551	29
Pioneer	P1742PCE GC ↗	PCE	117	143.4	15.3	1	31.3	550	31
AgriGold	A647-42TRCRIB GC ↗	TRE	117	143.2	14.6	1	35.8	551	30
DEKALB	DKC111-35RIB CK	VT2P	111	149.6	13.7	1	28.4	576	17

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Averages = **145.0**

LSD (0.10) = 11.3

LSD (0.25) = 5.9

C.V. = 8.5

**14.8**

**0.5**

**0.3**

**1**

Historic yield: 209.21 bu/a, 5 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.05 Prices: GMO = \$3.85

Report Date: 10/10/2025

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

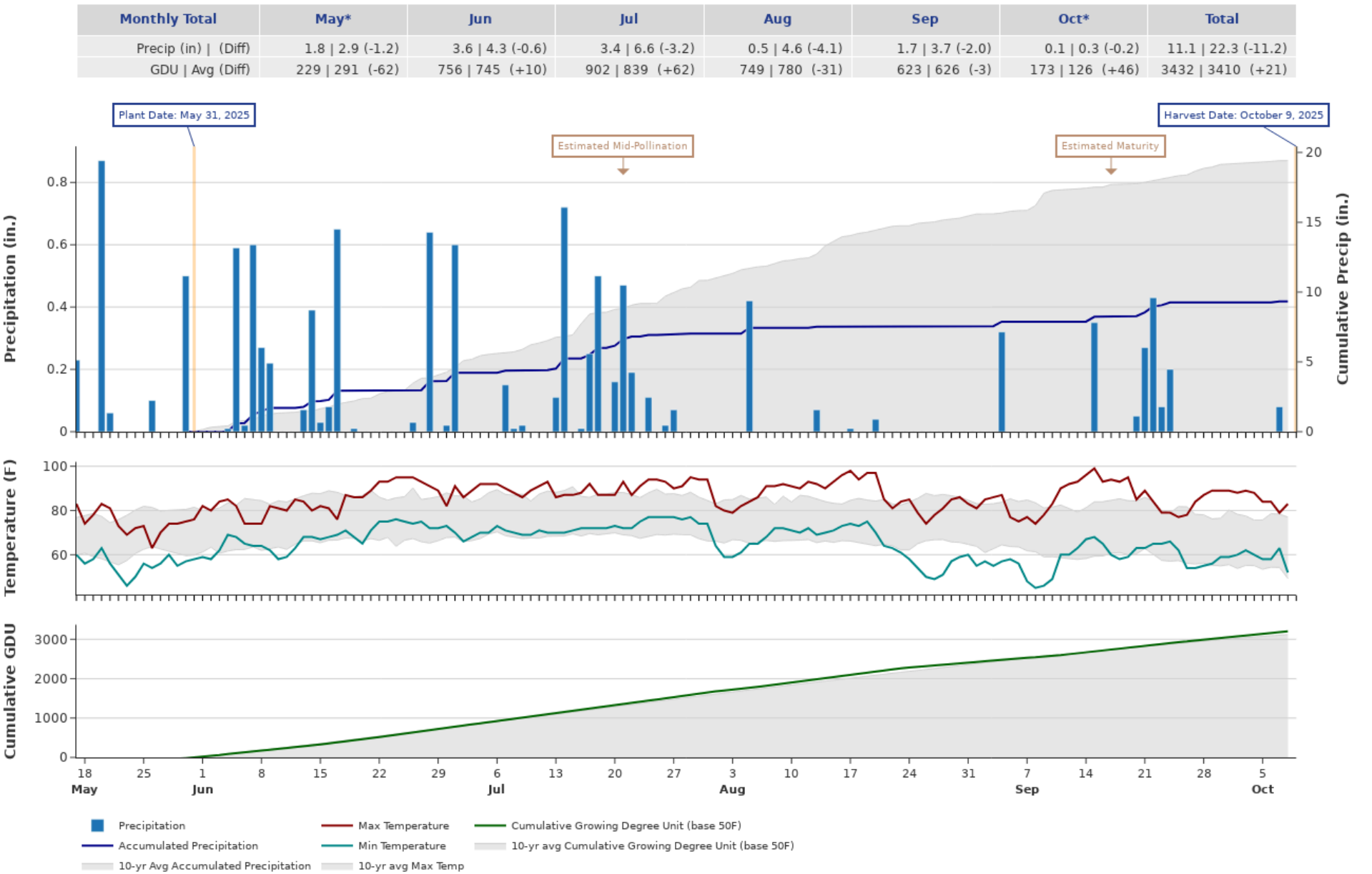
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. \*[Earthoptics](http://Earthoptics.com) used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com).

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2025 Corn - Illinois South [ ILSO ]

Weather Conditions Summary at NASHVILLE, IL

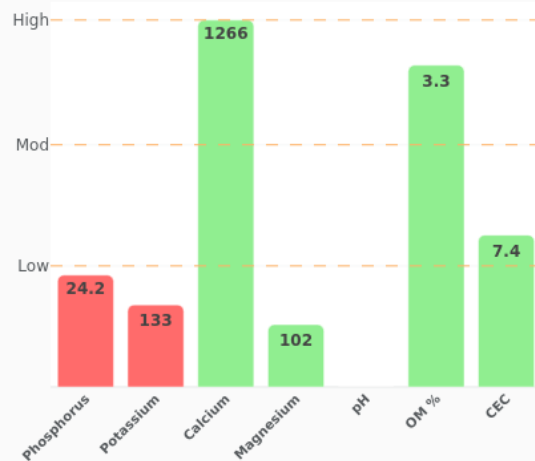
Weather Data Retrieved: 10/10/2025



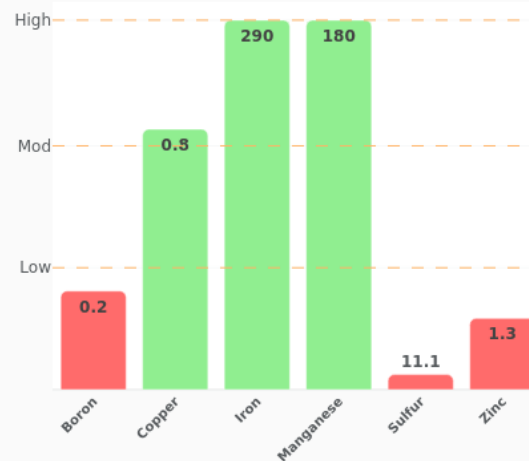
\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

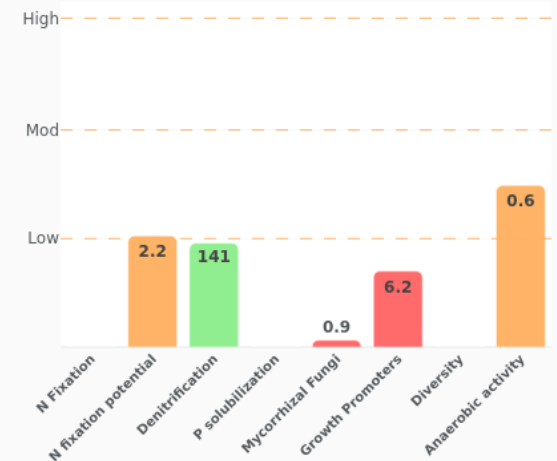
### Macronutrients



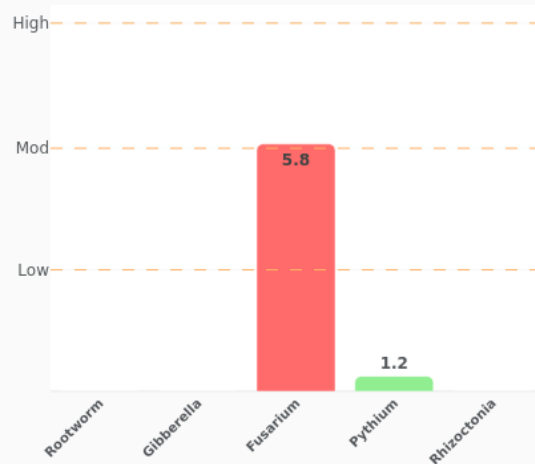
### Micronutrients



### Biofertility Analytics



### Below Ground Pest & Disease - Corn



### Above Ground Pest & Disease - Corn



### More Information

You can find more information about the EarthOptics and soil analytics reported at the following links:

- [Reported Analytics Descriptions](#)
- [Soil Nutrients & Fertility](#)
- [Analytics & Insights](#)
- [EarthOptics](#)

## 2025 Corn - Illinois South [ ILSO ]

### Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A642-05VT2RIB	VT2P	Y	112	P5V
AgriGold	A642-18SS	STX	Y	112	P5V
AgVenture	AV4112PCE	PCE	Y	112	Lum, L1
AgVenture	AV4713PCE	PCE	Y	113	Lum, L1
AgVenture	AV6010AM	AM	Y	110	Lum, L1
AgVenture	AV7710PCE	PCE	Y	110	Lum, L1
AgVenture	AV9511PCE	PCE	Y	111	Lum, L1
Brevant	B11M47PCE	PCE	Y	111	Lum, L1
Brevant	B12H48PCE	PCE	Y	112	Lum, L1
Burrus	5C11 PCE	PCE	Y	110	BPS
Burrus	POWER PLUS 4V73AM	AM	Y	109	BPS
Channel	209-70TRERIB	TRE	Y	109	AC,P5V,EDC-EL
Channel	211-11VT2PRIB	VT2P	Y	111	AC,P5V,EDC-B
Channel	212-76TRERIB	TRE	Y	112	AC,P5V,EDC-EL
DeKalb	DKC108-17RIB	TRE	Y	108	AC,P5V,EDC-EL
DeKalb	DKC110-41RIB	TRE	Y	110	AC,P5V,EDC-EL
DeKalb	DKC111-35RIB	VT2P	Y*	111	AC,P5V
DeKalb	DKC112-12RIB	TRE	Y	112	AC,P5V,EDC-EL
Dyna-Gro	D49PN05RA	PCE	Y	109	AC,P5V
Dyna-Gro	D52TC66RIB	TRE	Y	112	AC,P5V
Dyna-Gro	DP52PN76RA	PCE	Y	112	CM,C2,Vi,Va
FS InVision	FS 6042F RIB	VT4P	Y	110	AC,P5V,Va
FS InVision	FS 6133VDG RIB	VT2PDG	Y	111	AC,P5V
FS InVision	FS 6157T RIB	TRE	Y	111	AC,P2
FS InVision	FS 6245V RIB	VT2P	Y	112	AC,P5V,Va
FS InVision	FS 6349PC RA	PCE	Y	113	AC,P5V,Va
Great Heart	HT-7195TRE	TRE	N	111	F,I,B
Great Heart	HT-7210TRERIB	TRE	N	112	F,I,B
Great Heart	HT-7335TRE	TRE	N	113	F,I,B
Integra	5775 VT2PRIB	VT2P	Y	107	AC,P5V,SU
Integra	5935 PCE	PCE	Y	109	AC,P5V,SU
Integra	6274 VT2PRIB	VT2P	Y	112	AC,P5V,SU
Integra	6386 PCE	PCE	Y	113	AC,P5V,SU
Merschman	2411C-30	PCE	Y	111	SL
Merschman	2512C-30	PCE	Y	112	SL
NuTech	69C7PCE	PCE	Y	109	Lum, L1

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
NuTech	69G1PCE	PCE	Y	109	Lum, L1
NuTech	71B6PCE	PCE	Y	111	Lum, L1
NuTech	73B2V	VE	Y	113	Lum, L1
NuTech	73J1V	VE	Y	113	Lum, L1
Pioneer	P1027AM	AM	Y	110	Lum
Pioneer	P1170AM	AM	Y	111	Lum
Pioneer	P1222AM	AM	Y	112	Lum
Wyffels	W6505RIB	TRE	Y*	110	CM,C2,Vi,Va
Wyffels	W6886RIB	VT2P	Y*	111	CM,C2,Vi,Va
Wyffels	W7424	PCE	N	112	CM,C2,Vi,Va
Wyffels	W7485RIB	TRE	Y*	112	CM,C2,Vi,Va
Wyffels	W7759RIB	STXP	Y*	113	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.

## 2025 Corn - Illinois South [ ILSO ]

### Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A644-64VT2P	VT2P	N	114	P5V
AgriGold	A647-42TRCRIB	TRE	Y	117	P5V
AgVenture	AV2116PCE	PCE	Y	116	Lum, L1
AgVenture	AV3514AML	AML	Y	114	Lum, L1
AgVenture	AV6115PCE	PCE	Y	115	Lum, L1
AgVenture	AV6117PCUE	PCUE	Y	117	Lum, L1
AgVenture	AV9916AM	AM	Y	116	Lum, L1
Brevant	B14C59PCE	PCE	Y	114	Lum, L1
Brevant	B17H53PCE	PCE	Y	117	Lum, L1
Burrus	7B14 PCE	PCE	Y	114	BPS
Burrus	8K34 VT2P	VT2P	Y	116	AC,P5V,EDC-B
Channel	214-78DGV2PRIB	VT2PDG	Y	114	AC,P5V,EDC-B
Channel	215-70TRERIB	TRE	Y	115	AC,P5V,EDC-EL
Channel	218-66VT2PRIB	VT2P	Y	118	AC,P5V,EDC-EL
DeKalb	DKC111-35RIB	VT2P	Y*	111	AC,P5V
DeKalb	DKC64-22RIB	VT2P	Y	114	AC,P5V
DeKalb	DKC66-06RIB	TRE	Y	116	AC,P5V
DeKalb	DKC68-35RIB	VT2P	Y	118	AC,P5V
Dyna-Gro	D55TC86RIB	TRE	Y	115	AC,P5V
Dyna-Gro	D55VC80RIB	VT2P	Y*	115	AC,P5V
Dyna-Gro	D60TC45RIB	TRE	Y	119	AC,P5V
FS InVision	FS 6447T RIB	TRE	Y	114	AC,P5V,Va
FS InVision	FS 6545V RIB	VT2P	Y	115	AC,P5V,Va
FS InVision	FS 6627T RIB	TRE	Y	116	AC,P5V,SU
FS InVision	FS 6757T RIB	TRE	Y	117	AC,P5V,EDC-EL
FS InVision	FS 6947T RIB	TRE	Y	119	AC,P5V,EDC-EL
Gateway	3916TRE	TRE	N	116	AC,P5V
Gateway	3919TRE	TRE	N	119	AC,P5V
Gateway	4914TRE	TRE	N	114	AC,P5V
Great Heart	HT-7451VT2P	VT2P	Y	114	F,I,B
Great Heart	HT-7512PCE	PCE	N	115	F,I,B
Great Heart	HT-7720TRE	TRE	N	117	F,I,B
Integra	6493 VT2PRIB	VT2P	Y*	114	AC,P5V,SU
Integra	6624 TRERIB	TRE	Y	116	AC,P5V,SU
Integra	6915 VT2P	VT2P	N	119	AC,P5V,SU
NuTech	74A5PCE	PCE	Y	114	Lum, L1

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
NuTech	75A8PCE	PCE	Y	115	Lum, L1
NuTech	77B1PCE	PCE	Y	117	Lum, L1
Pioneer	P13050AM	AM	Y	113	Lum, L1
Pioneer	P14830AML	AML	Y	114	Lum
Pioneer	P1742PCE	PCE	Y	117	Lum
ProHarvest	84P78 TRERIB	TRE	Y	114	AC,P5V,EDC-EL
ProHarvest	86P55 TRE	TRE	Y	116	AC,P5V,EDC-EL
Wyffels	W7876RIB	VT2P	Y	114	CM,C2,Vi,Va
Wyffels	W7945RIB	TRE	Y*	114	CM,C2,Vi,Va
Wyffels	W8007	VT4P	N	114	P5V
Wyffels	W8086RIB	VT2P	Y*	114	CM,C2,Vi,Va
Wyffels	W9218RIB	STX	Y	119	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.
- ^ Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

### Corn Technologies

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AM	Optimum® AcreMax®
AML	Optimum® AcreMax® Leptra® (Vip,YGCB,HX,LL,RR2)
PCE	PowerCore® Enlist®
PCUE	PowerCore® Ultra Enlist®
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
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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AC,P2	Acceleron® 250
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	Acceleron® Poncho 500/Votivo, StepUp
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
BPS	Burrus PowerShield
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
F,I,B	Fungicide, Insecticide, Biological
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
P5V	Poncho 500/Votivo
SL	Starting Line - F,I,B,Ne,Nu (Merschman Seeds)

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