

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2024 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] HAMLIN, IA

Brian and David Jensen, Audubon County, IA

Early-Season Test	Maturity Group 2.3 - 2.7 S2024IASC44a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Xcelerate, Dicamba, Explorer, Lexar, Glphosate, Fs Max Supreme
SOIL DESCRIPTION:	Marshall silty clay loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.4 pH, 2.6% OM, 22.8 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	(Pre-Plant: Fierce E2, Dicamba), Liberty, Roundup, Volunteer, Ams, Delaro Complete, Kendo 22
FERTILITY - Applied N:	17 lbs S
Applied N-P-K (units):	0-39-0
SEEDED - RATE - ROW:	May 11 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 5 159.8 /A

TEST COMMENTS:

Planting conditions were very good and plants emerged very well. Ten days after planting the area received 3 1/2 inches of rainfall. The plot was in a location that did not pond or washout. The plants used that moisture to grow fast to heights of 38 inches to 48 inches. This caused lodging on the taller plants, which was the only negative of this plot. Very good pod sets. A thick strong looking plot.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH2315E3 §	E3	2.3	PK	85.7	11.3	10	160.0	832	1
Hoegemeyer	2395 E	E3	2.3	PK	81.5	10.3	11	160.0	791	2
Dyna-Gro	S23EN05	E3	2.3	M	80.3	9.5	26	160.0	780	3
Genesis	G2790E	E3	2.7	PK	77.4	10.6	7	160.0	752	4
P3 Genetics	2527E	E3	2.7	PK	77.2	10.4	11	160.0	750	5
Renk	RS255NXF	RXF	2.5	M	77.2	9.9	25	160.0	750	6
Cornelius	CB27XF17	RXF	2.7	M	75.4	10.6	5	160.0	732	7
Hoegemeyer	2645 E	E3	2.6	M	74.9	10.6	3	160.0	727	8
NuTech	24N05E	E3	2.4	PK	74.8	10.5	22	160.0	726	9
FS HiSOY	HS 23E40	E3	2.3	PK	74.7	10.8	5	154.7	725	11
Golden Harvest	GH2775E3 §	E3	2.7	M	74.5	11.2	18	160.0	723	12
Apex	AE2750	E3	2.7	PK	74.4	10.5	5	160.0	722	13
NuTech	25N05E	E3	2.5	PK	74.3	10.8	4	160.0	721	14
Xitavo	XO 2444E	E3,ST	2.4	M	74.0	11.1	17	160.0	719	15
FS HiSOY	HS 25E30	E3	2.5	PK	72.4	11.2	33	160.0	703	16
FS HiSOY	HS 26F20	RXF	2.6	M	72.1	10.3	6	160.0	700	17
P3 Genetics	2325E	E3	2.5	M	71.4	10.7	39	160.0	693	18
Xitavo	XO 2735E	E3	2.7	M	71.0	10.9	59	160.0	689	19
Asgrow	AG26XF4 §	RXF	2.6	R	70.1	11.1	20	160.0	681	20
Asgrow	AG27XF3 §	RXF	2.7	R	69.0	11.2	18	160.0	670	21
Xitavo	XO 2305E	E3	2.3	M	68.7	10.7	20	160.0	667	22
ProHarvest	25E35 GC	E3	2.5	PK	68.7	10.5	44	160.0	667	23
Titan Pro	TP 25E22	E3	2.5	PK	67.8	10.8	31	160.0	658	24
NuTech	27N03E	E3	2.7	PK	66.9	10.8	41	160.0	650	25
NuTech	27N07E	E3	2.7	M	65.9	10.8	5	160.0	640	26
Stine	25EG23 §	E3	2.5	M	65.7	11.1	12	160.0	638	27
Asgrow	AG24XF4 §	RXF	2.4	R	63.1	10.5	18	160.0	613	28
FS HiSOY	HS 24F40	RXF	2.4	M	61.1	12.1	2	160.0	593	29
Xitavo	XO 2625E	E3	2.6	M	60.4	9.8	44	160.0	586	30
PIONEER	P30A75E CK	E3	3.0	MR	74.7	10.4	25	160.0	725	10
					Averages =	72.2	10.7	19	159.8	701
					LSD (0.10) =	3.7	ns	18		
					LSD (0.25) =	1.9	ns	9		
					C.V. =	4.8				
					Historic yield: 77.51 bu/a, 4 yr(s)					

Randy Meinsma

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$9.71

Report Date: Oct. 5, 2024

Revised: 10/10/2024 Revised stand values to the correct unit, NO yield or rank changes

Additional reports available at 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. § Links to full product yield results at www.firstseedtests.com

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2024 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] HAMLIN, IA

Brian and David Jensen, Audubon County, IA

Full-Season Test	Maturity Group 2.8 - 3.2 S2024IASC44b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Xcelerate, Dicamba, Explorer, Lexar, Glphosate, Fs Max Supreme
SOIL DESCRIPTION:	Marshall silty clay loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.4 pH, 2.6% OM, 22.8 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	(Pre-Plant: Fierce E2, Dicamba), Liberty, Roundup, Volunteer, Ams, Delaro Complete, Kendo 22
FERTILITY - Applied N:	17 lbs S
Applied N-P-K (units):	0-39-0
SEEDED - RATE - ROW:	May 11 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 5 159.3 /A

TEST COMMENTS:

Planting conditions were very good and plants emerged very well. Ten days after planting the area received 3 1/2 inches of rainfall. The plot was in a location that did not pond or washout. The plants used that moisture to grow fast to heights of 38 inches to 48 inches. This caused lodging on the taller plants, which was the only negative of this plot. Very good pod sets. A thick strong looking plot.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	S31XF05 ↗	RXF	3.1	M	88.4	10.7	2	160.0	858	1
Dyna-Gro	S31EN14 ↗	E3	3.1	M	88.2	10.6	5	160.0	856	2
Xitavo	XO 3014E ↗	E3,ST	3.0	M	85.9	10.4	20	160.0	834	3
P3 Genetics	2331E ↗	E3	3.1	M	85.7	10.1	24	160.0	832	4
Stine	31EF02 § ↗	E3	3.1	M	82.4	10.1	25	160.0	800	5
Hoegemeyer	3185 E ↗	E3	3.1	M	81.6	10.1	6	160.0	792	6
Genesis	G2960E ↗	E3	2.9	M	78.9	10.2	6	160.0	766	7
Stine	30EG32 § ↗	E3	3.0	M	78.9	10.6	31	160.0	766	8
FS HiSOY	HS 30E40 ↗	E3,ST	3.0	M	78.3	10.7	14	160.0	760	9
FS HiSOY	HS 30F40 ↗	RXF	3.0	M	77.6	9.8	26	160.0	753	11
Dyna-Gro	S28XF85 ↗	RXF	2.8	M	76.5	9.8	18	160.0	743	12
Golden Harvest	GH2925XF ↗	RXF	2.9	M	76.1	10.3	6	160.0	739	13
Pioneer	P28Z89E § ↗	E3	2.8	PK	75.6	9.8	3	160.0	734	14
FS HiSOY	HS 29E40 ↗	E3	2.9	PK	75.6	10.4	1	160.0	734	15
Apex	AE3131S ↗	E3,ST	3.1	M	75.5	9.8	59	160.0	733	16
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	M	75.4	9.8	44	160.0	732	17
Hoegemeyer	2905 E ↗	E3	2.9	PK	75.3	10.1	4	160.0	731	18
P3 Genetics	2429E ↗	E3	2.9	M	75.2	11.1	25	160.0	730	19
Cornelius	CB29XF44 ↗	RXF	2.9	M	74.6	9.4	10	160.0	724	20
Renk	RS284NXF ↗	RXF	2.8	M	74.4	9.9	4	160.0	722	21
NuTech	32N04E ↗	E3	3.2	M	74.1	10.4	6	154.7	720	22
NuTech	28N03E ↗	E3	2.8	M	74.0	10.6	3	160.0	719	23
NuTech	30N06E ↗	E3	3.0	M	74.0	10.7	2	160.0	719	24
Golden Harvest	GH3035E3 § ↗	E3	3.0	M	73.8	10.2	31	160.0	717	25
LG Seeds	LGS2881E3 § ↗	E3	2.8	MR	73.1	10.1	14	154.7	710	26
Xitavo	XO 2865E ↗	E3	2.8	M	72.9	9.8	31	154.7	708	27
Asgrow	AG30XF4 § ↗	RXF	3.0	R	72.6	9.5	12	160.0	705	28
Dyna-Gro	S29ES45 ↗	E3,ST	2.9	M	72.6	9.8	23	154.7	705	29
Genesis	G3171ES ↗	E3,ST	3.1	M	69.8	10.5	41	160.0	678	30
Xitavo	XO 3224E ↗	E3	3.2	PK	69.5	9.8	25	160.0	675	31
PIONEER	P30A75E CK	E3	3.0	MR	78.1	10.0	20	160.0	758	10
					Averages =	75.8	10.2	19	159.3	736
					LSD (0.10) =	3.9	0.5	18		
					LSD (0.25) =	2.1	0.3	10		
					C.V. =	4.9				
					Historic yield: 77.51 bu/a, 4 yr(s)					

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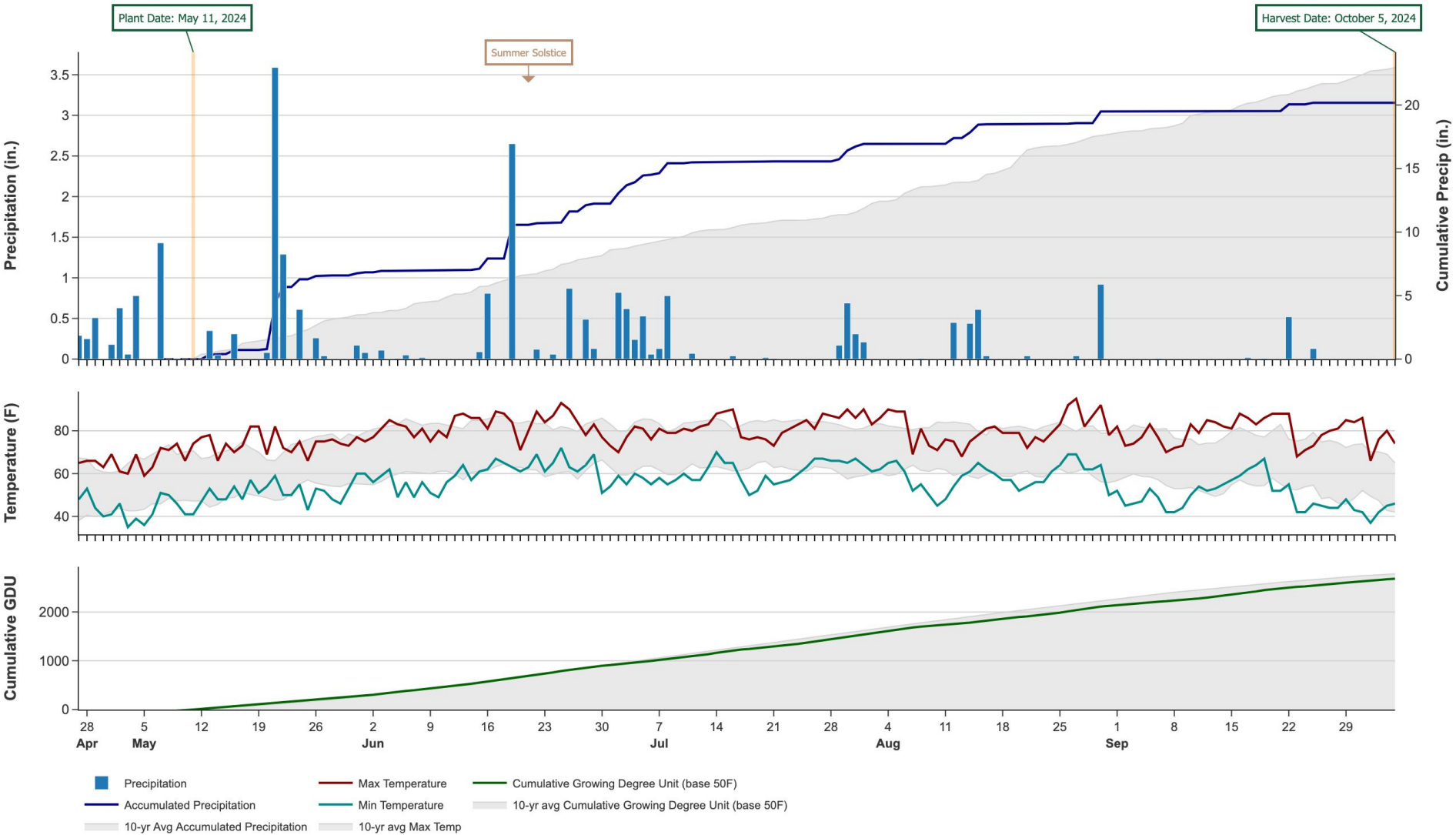
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2024 Soybeans - Iowa South Central [IASC]

Weather Conditions Summary at HAMLIN, IA

Weather Data Retrieved: 10/10/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.1 0.5 (+0.6)	9.8 5.2 (+4.7)	5.5 4.7 (+0.8)	4.5 3.4 (+1.1)	2.8 6.2 (-3.4)	0.7 4.4 (-3.7)	0.0 0.8 (-0.8)	24.3 25.1 (-0.8)
GDU Avg (Diff)	32 28 (+3)	354 346 (+7)	629 654 (-25)	628 702 (-74)	600 647 (-47)	490 474 (+15)	66 50 (+15)	2799 2904 (-105)



* 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 Soybeans - Iowa South Central [IASC]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2750	E3	PK	2.7	F,I
Asgrow	AG24XF4 §	RXF	R	2.4	ACi,IL
Asgrow	AG26XF4 §	RXF	R	2.6	ACi,IL
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Cornelius	CB27XF17	RXF	M	2.7	PG+
Dyna-Gro	S23EN05	E3	M	2.3	PLTM
FS HiSOY	HS 23E40	E3	PK	2.3	ACi,SA
FS HiSOY	HS 24F40	RXF	M	2.4	ACi,SA
FS HiSOY	HS 25E30	E3	PK	2.5	ACi,SA
FS HiSOY	HS 26F20	RXF	M	2.6	ACi,SA
Genesis	G2790E	E3	PK	2.7	EcTC,SA
Golden Harvest	GH2315E3 §	E3	PK	2.3	Untreated
Golden Harvest	GH2775E3 §	E3	M	2.7	CMB-APX,SA
Hoegemeyer	2395 E	E3	PK	2.3	Lum, LumT, IL
Hoegemeyer	2645 E	E3	M	2.6	Lum, LumT, IL
NuTech	24N05E	E3	PK	2.4	Lum, LumT, IL
NuTech	25N05E	E3	PK	2.5	Lum, LumT, IL
NuTech	27N03E	E3	PK	2.7	Lum, LumT, IL
NuTech	27N07E	E3	M	2.7	Lum, LumT, IL
P3 Genetics	2325E	E3	M	2.5	PG+
P3 Genetics	2527E	E3	PK	2.7	PG+
Pioneer	P30A75E CK	E3	MR	3.0	Lum
ProHarvest	25E35 GC	E3	PK	2.5	PU
Renk	RS255NXF	RXF	M	2.5	EcTC, NF, SA
Stine	25EG23 §	E3	M	2.5	SA
Titan Pro	TP 25E22	E3	PK	2.5	CMB-APX,SA
Xitavo	XO 2305E	E3	M	2.3	PV,IL,OB,Rey
Xitavo	XO 2444E	E3,ST	M	2.4	PV,IL,OB,Rey
Xitavo	XO 2625E	E3	M	2.6	PV,IL,OB,Rey
Xitavo	XO 2735E	E3	M	2.7	PV,IL,OB,Rey

2024 Soybeans - Iowa South Central [IASC]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2940S	E3,ST	M	2.9	PU
Apex	AE2950	E3	PK	2.9	PU
Apex	AE3131S	E3,ST	M	3.1	PU
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Cornelius	CB29XF44	RXF	M	2.9	PG+
Dyna-Gro	S28XF85	RXF	M	2.8	PLTM
Dyna-Gro	S29ES45	E3,ST	M	2.9	PLTM
Dyna-Gro	S31EN14	E3	M	3.1	PLTM
Dyna-Gro	S31XF05	RXF	M	3.1	PLTM
FS HiSOY	HS 29E40	E3	PK	2.9	ACi,SA
FS HiSOY	HS 30E40	E3,ST	M	3.0	ACi,SA
FS HiSOY	HS 30F40	RXF	M	3.0	ACi,SA
FS HiSOY	HS 31E20	E3,ST	M	3.1	ACi,SA
Genesis	G2960E	E3	M	2.9	EcTC,SA
Genesis	G3171ES	E3,ST	M	3.1	EcTC,SA
Golden Harvest	GH2925XF	RXF	M	2.9	CMB-APX,SA
Golden Harvest	GH3035E3 §	E3	M	3.0	CMB-APX,SA
Hoegemeyer	2905 E	E3	PK	2.9	Lum, LumT, IL
Hoegemeyer	3185 E	E3	M	3.1	Lum, LumT, IL
LG Seeds	LGS2881E3 §	E3	MR	2.8	TFX1,SA
NuTech	28N03E	E3	M	2.8	Lum, LumT, IL
NuTech	29N05E	E3	PK	2.9	Lum, LumT, IL
NuTech	30N06E	E3	M	3.0	Lum, LumT, IL
NuTech	32N04E	E3	M	3.2	Lum, LumT, IL
P3 Genetics	2331E	E3	M	3.1	PG+
P3 Genetics	2429E	E3	M	2.9	PG+
Pioneer	P28Z89E §	E3	PK	2.8	Untreated
Pioneer	P30A75E CK	E3	MR	3.0	Lum
Renk	RS284NXF	RXF	M	2.8	EcTC, NF, SA
Renk	RS304NXF	RXF	M	3.0	EcTC, NF, SA
Stine	30EG32 §	E3	M	3.0	TFX1,SA
Stine	31EF02 §	E3	M	3.1	TFX1,SA
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	M	3.0	PV,IL,OB,Rey
Xitavo	XO 3105E	E3	M	3.1	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	PK	3.2	PV,IL,OB,Rey

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.
§	United Soybean Board sponsored entry

Soybean Cyst Nematode (SCN) Resistance Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC, NF, SA	Eclipse US Total Coverage, N-Force, Saltro
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F,I	Fungicide, Insecticide
Lum	LumiGEN™
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PLTM	DynaGro PLTM
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SA	Saltro®
TFX1,SA	Stine MyYield, Saltro
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.