

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

2024 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] SLATER, IA

Jason Krause, Story County, IA 50244

Early-Season Test	Maturity Group 2.3 - 2.7 S2024IASC42a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Ams, Explorer, Roundup Power Max 3, Volley
SOIL DESCRIPTION:	Webster clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	high P, medium K, 5.3 pH, 2.8% OM, 18.6 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Enlist
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 18 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 4 154.8 /A

TEST COMMENTS:

The plot had a very wet start and ponding was seen in the area which affected emergence. Then the plot was mistakenly sprayed with Enlist and damaged the Xtendflex soybeans. Plants stood 28 to 38 inches tall with very tight pod sets. Plants were matured well which made shelling easy. This location will not be included in the region summary due to herbicide damage.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Titan Pro	TP 25E22 ↗	E3	2.5	PK	79.6	9.0	1	160.0	772	2
ProHarvest	25E35 GC ↗	E3	2.5	PK	79.4	9.0	1	149.3	771	3
NuTech	24N05E ↗	E3	2.4	PK	78.3	9.3	1	160.0	760	4
Golden Harvest	GH2315E3 § ↗	E3	2.3	PK	76.9	9.9	1	154.7	747	5
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	76.7	8.9	1	160.0	745	6
Dyna-Gro	S23EN05 ↗	E3	2.3	M	76.6	9.0	1	160.0	744	7
Stine	25EG23 § ↗	E3	2.5	M	75.0	9.1	1	154.7	728	8
Hoegemeyer	2645 E ↗	E3	2.6	M	75.0	9.1	1	160.0	728	9
Xitavo	XO 2625E ↗	E3	2.6	M	74.3	9.0	1	160.0	721	10
Apex	AE2750 ↗	E3	2.7	PK	74.2	8.8	1	144.0	720	11
Genesis	G2790E ↗	E3	2.7	PK	73.8	8.9	1	154.7	717	12
P3 Genetics	2527E ↗	E3	2.7	PK	73.1	9.0	1	160.0	710	13
NuTech	25N05E ↗	E3	2.5	PK	73.0	9.1	1	154.7	709	14
Hoegemeyer	2395 E ↗	E3	2.3	PK	72.8	8.8	1	160.0	707	15
NuTech	27N03E ↗	E3	2.7	PK	70.2	8.9	1	160.0	682	16
Xitavo	XO 2735E ↗	E3	2.7	M	70.2	9.0	1	154.7	682	17
Golden Harvest	GH2775E3 § ↗	E3	2.7	M	69.4	9.2	1	160.0	674	18
NuTech	27N07E ↗	E3	2.7	M	67.4	9.3	1	160.0	654	19
Xitavo	XO 2444E ↗	E3,ST	2.4	M	67.4	8.9	1	160.0	654	20
P3 Genetics	2325E ↗	E3	2.5	M	64.2	9.8	1	144.0	623	21
FS HiSOY	HS 23E40 ↗	E3	2.3	PK	59.0	9.4	1	133.3	573	22
Xitavo	XO 2305E ↗	E3	2.3	M	47.6	9.0	1	136.0	461	23
PIONEER	P30A75E CK	E3	3.0	MR	84.5	9.0	1	160.0	820	1
					Averages =	72.3	9.1	1	154.8	537
					LSD (0.10) =	5.3	ns	ns		
					LSD (0.25) =	2.8	ns	ns		
					C.V. =	6.9				
Randy Meinsma randym@firstseedtests.com, (815) 238-8007					Historic yield: 53.62 bu/a, 13 yr(s)					
Yield & Income Factors:			Base Moisture = 13.0%		Shrink = 1.3		Drying = \$0.04		Prices: GMO = \$9.71	

Report Date: Oct. 4, 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] SLATER, IA

Jason Krause, Story County, IA 50244

Full-Season Test	Maturity Group 2.8 - 3.2 S2024IASC42b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Ams, Explorer, Roundup Power Max 3, Volley
SOIL DESCRIPTION:	Webster clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	high P, medium K, 5.3 pH, 2.8% OM, 18.6 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Enlist
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 18 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 4 155.6 /A

TEST COMMENTS:

The plot had a very wet start and ponding was seen in the area which affected emergence. Then the plot was mistakenly sprayed with Enlist and damaged the Xtendflex soybeans. Plants stood 28 to 38 inches tall with very tight pod sets. Plants were matured well which made shelling easy. This location will not be included in the region summary due to herbicide damage.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	30EG32 § ↗	E3	3.0	M	81.4	9.8	1	154.7	790	1
Stine	31EF02 § ↗	E3	3.1	M	80.6	10.3	2	160.0	783	2
Golden Harvest	GH3035E3 § ↗	E3	3.0	M	79.1	10.6	1	160.0	768	3
Genesis	G3171ES ↗	E3,ST	3.1	M	77.4	11.1	1	160.0	752	5
Hoegemeyer	3185 E ↗	E3	3.1	M	76.6	11.4	1	160.0	744	6
LG Seeds	LGS2881E3 § ↗	E3	2.8	MR	75.6	11.4	1	160.0	734	7
Xitavo	XO 3224E ↗	E3	3.2	PK	75.4	11.5	1	160.0	732	8
NuTech	32N04E ↗	E3	3.2	M	75.2	11.8	1	160.0	730	9
Xitavo	XO 2865E ↗	E3	2.8	M	75.0	9.6	1	144.0	728	10
Dyna-Gro	S31EN14 ↗	E3	3.1	M	74.9	10.3	1	160.0	727	11
FS HiSOY	HS 30E40 ↗	E3,ST	3.0	M	73.6	9.6	1	160.0	715	12
Apex	AE3131S ↗	E3,ST	3.1	M	73.6	10.7	3	160.0	715	13
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	M	73.2	11.4	1	160.0	711	14
Hoegemeyer	2905 E ↗	E3	2.9	PK	72.1	9.0	1	160.0	700	15
Dyna-Gro	S29ES45 ↗	E3,ST	2.9	M	72.0	9.6	1	160.0	699	16
Apex	AE2950 ↗	E3	2.9	PK	71.8	9.6	1	160.0	697	17
Apex	AE2940S ↗	E3,ST	2.9	M	68.7	10.0	1	160.0	667	18
Xitavo	XO 3014E ↗	E3,ST	3.0	M	67.9	10.3	1	160.0	659	19
NuTech	29N05E ↗	E3	2.9	PK	67.1	9.7	1	160.0	652	20
NuTech	28N03E ↗	E3	2.8	M	67.0	9.5	1	160.0	651	21
NuTech	30N06E ↗	E3	3.0	M	65.5	10.6	1	160.0	636	22
Xitavo	XO 3105E ↗	E3	3.1	M	65.5	16.5	1	144.0	627	23
Pioneer	P28Z89E § ↗	E3	2.8	PK	64.5	9.1	1	154.7	626	24
FS HiSOY	HS 29E40 ↗	E3	2.9	PK	64.3	10.8	1	144.0	624	25
P3 Genetics	2331E ↗	E3	3.1	M	60.9	9.3	1	160.0	591	26
Genesis	G2960E ↗	E3	2.9	M	53.9	9.5	1	128.0	523	27
P3 Genetics	2429E ↗	E3	2.9	M	46.0	9.7	1	128.0	447	28
PIONEER	P30A75E CK	E3	3.0	MR	78.3	9.5	1	160.0	760	4
					Averages =	70.6	10.4	1	155.6	533
					LSD (0.10) =	7.0	1.3	1		
					LSD (0.25) =	3.7	0.7	0		
					C.V. =	9.3				
					Historic yield: 53.62 bu/a, 13 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. 4, 2024

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

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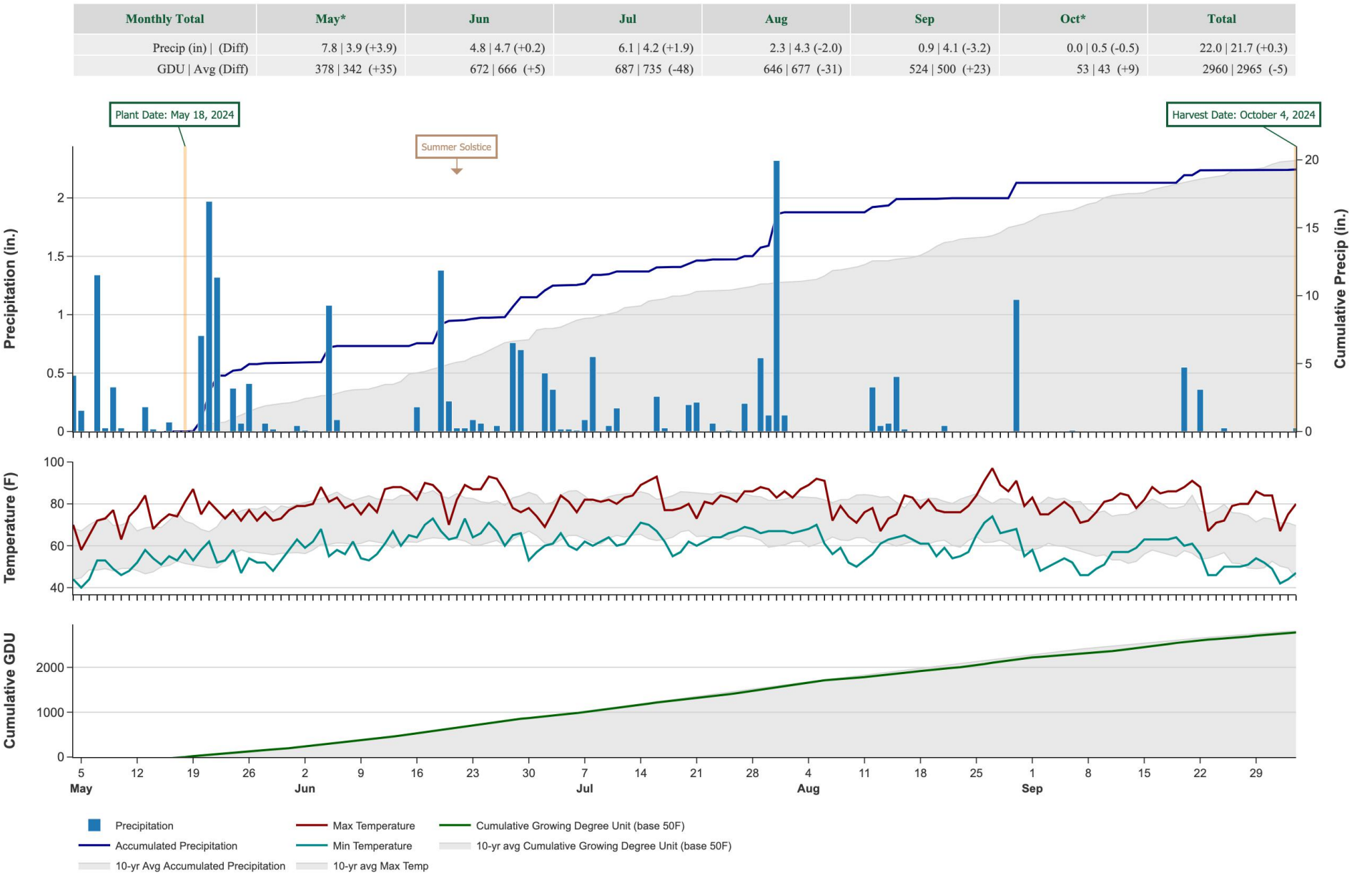
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

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2024 Soybeans - Iowa South Central [IASC]

Weather Conditions Summary at SLATER, IA

Weather Data Retrieved: 10/10/2024



* 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.