

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

2022 Soybeans Top 30 Harvest Report

Iowa South [IASO] WINTERSET, IA
Mike Erdman, Madison County, IA 50273

Early-Season Test	Maturity Group 2.5 - 3.0 S2022IASO54a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Bicep, Callisto, Headline, Round-Up
SOIL DESCRIPTION:	Sharpsburg sandy clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 5.9 pH, 3.6% OM, 20.5 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, Liberty, Headline Amp
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 20 140.0 /A 15" spacing
HARVESTED - STAND:	Oct 19 136.9 /A

TEST COMMENTS:

Planting conditions were very good. Plants emerged well, then the area around the plot could not catch the rain it needed. Plants stood 18 to 30 inches with good pod sets. The drought conditions cut almost 20 bushels off the average that this location has produced. Mike stated that just 3 miles made a difference in yields and the plot location was an area that did not catch the rain. There was no weed pressure. Plants were well matured, and soybeans in the area are drying fast and they are working hard to get them cut.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Asgrow	AG27XF3 § ↗	RXF	2.7	R	62.8	8.6	1	137.0	835	1
Latham	L 3086 XF ↗	RXF	3.0	R	56.9	7.8	1	137.0	756	2
NuTech	29N02E ↗	E3	2.9	R	56.4	7.8	1	137.0	750	3
Stine	26EC32 § ↗	E3	2.6	R	56.3	7.8	1	137.0	748	4
Kruger	K3003XF ↗	RXF	3.0	R	56.1	7.8	1	137.0	746	5
FS HiSOY	HS 29F10 ↗	RXF	2.9	R	54.8	7.7	1	137.0	728	6
Xitavo	XO 2921E ↗	E3	2.9	R	54.3	9.5	1	137.0	722	7
Xitavo	XO 2963E ↗	E3	2.9	R	54.3	8.4	1	137.0	722	8
Pioneer	P29T37E GC ↗	E3	2.9	NA	53.7	8.0	1	137.0	714	9
Hoegemeyer	2763 E ↗	E3	2.7	R	53.5	7.9	1	137.0	711	10
Asgrow	AG28XF3 § ↗	RXF	2.8	R	53.4	7.3	1	137.0	710	11
Latham	L 2786 XF ↗	RXF	2.7	R	53.3	8.0	1	135.7	708	12
Genesis	G2960E ↗	E3	2.9	R	53.0	8.4	1	137.0	704	14
Kruger	K2816XF ↗	RXF	2.8	R	52.9	7.9	1	137.0	703	15
FS HiSOY	HS 28F20 ↗	RXF,ST	2.8	R	51.4	8.0	1	137.0	683	16
NK Brand	NK29-Z4E3 ↗	E3	2.9	R	51.3	8.2	1	137.0	682	17
Golden Harvest	GH2653XF § ↗	RXF	2.6	R	51.2	7.8	1	137.0	680	18
Pioneer	P28T02E § ↗	E3	2.8	R	51.1	8.5	1	137.0	679	19
Pioneer	P30T99E § ↗	E3	3.0	R	50.4	8.0	1	137.0	670	20
NuTech	27N03E ↗	E3	2.7	R	48.6	7.8	1	137.0	646	21
FS HiSOY	HS 26E20 ↗	E3	2.6	R	48.5	8.1	1	137.0	645	22
Golden Harvest	GH3043E3 ↗	E3	3.0	R	48.4	8.5	1	137.0	643	23
NK Brand	NK30-B2E3 § ↗	E3	3.0	R	47.6	9.4	1	137.0	633	24
Xitavo	XO 2832E ↗	E3	2.8	R	47.1	8.7	1	137.0	626	25
NuTech	26N06E ↗	E3	2.6	R	46.5	8.7	1	137.0	618	26
Latham	L 2638 E3 ↗	E3	2.6	R	46.1	7.9	1	137.0	613	27
NuTech	25N04E ↗	E3	2.5	R	45.9	8.3	1	137.0	610	28
Stine	26EF23 § ↗	E3	2.6	R	45.0	7.8	1	137.0	598	29
Brevant	B252EE GC ↗	E3	2.5	R	44.7	7.8	1	137.0	594	30
Kruger	K2594XF ↗	RXF	2.5	R	44.2	8.0	1	137.0	587	31
PIONEER	P26T57E CK	E3	2.6	R	53.1	7.7	1	137.0	706	13
					Averages =	50.2	8.2	1	136.9	667
					LSD (0.10) =	2.6	0.5	ns		
					LSD (0.25) =	1.4	0.3	ns		
					C.V. =	4.9				
					Historic yield: 68.38 bu/a, 18 yr(s)					



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.04 Prices: GMO = \$13.29

Report Date: 10/19/2022

† 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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PEST MANAGEMENT:	Glyphosate, Liberty, Headline Amp
Applied N-P-K (units):	0-0-0
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Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	3413 E ↗	E3	3.4	R	64.7	9.4	1	137.0	860	1
FS HiSOY	HS 35F20 ↗	RXF	3.5	R	64.1	8.6	1	135.7	852	2
Stine	32EE21 § ↗	E3	3.2	R	63.3	8.5	1	137.0	841	3
Xitavo	XO 3651E ↗	E3	3.6	R	63.2	9.7	1	137.0	840	4
FS HiSOY	HS 35E10 ↗	E3	3.5	R	63.0	9.1	1	137.0	837	5
Kruger	K3214XF ↗	RXF	3.2	R	62.6	8.1	1	137.0	832	6
Kruger	K3593XF ↗	RXF	3.5	R	62.6	8.9	1	135.7	832	7
P3 Genetics	2234E ↗	E3	3.4	R	62.0	8.2	1	137.0	824	8
Genesis	G3460ES ↗	E3,ST	3.4	R	61.7	8.8	1	137.0	820	9
Asgrow	AG35XF1 § ↗	RXF	3.5	R	61.6	8.8	1	137.0	819	10
Latham	L 3123 E3 ↗	E3	3.1	R	61.5	8.2	1	135.7	817	11
Hoegemeyer	3591 E ↗	E3	3.5	R	61.4	9.8	1	137.0	816	12
FS HiSOY	HS 34F00 ↗	RXF	3.4	R	61.1	8.2	1	137.0	812	13
P3 Genetics	2136E ↗	E3	3.6	R	61.0	9.7	1	137.0	811	14
NuTech	35N03E ↗	E3	3.5	R	61.0	10.1	1	137.0	811	15
Asgrow	AG32XF2 § ↗	RXF	3.2	R	60.9	7.7	1	137.0	809	16
Latham	L 3479 E3 ↗	E3	3.4	R	60.4	8.2	1	137.0	803	17
Xitavo	XO 3341E ↗	E3	3.3	R	59.5	8.5	1	137.0	791	18
Apex	AE3330S ↗	E3	3.3	R	59.4	8.1	1	137.0	789	19
Latham	L 3384 XF ↗	RXF	3.3	R	59.2	7.9	1	135.7	787	20
Kruger	K3603XF ↗	RXF	3.6	R	58.9	8.8	1	137.0	783	21
NuTech	34N02E ↗	E3	3.4	R	58.7	9.8	1	137.0	780	22
Stine	31EF23 § ↗	E3	3.1	R	58.0	8.6	1	137.0	771	23
ProHarvest	34F37 ↗	RXF	3.4	R	57.3	8.1	1	137.0	762	24
FS HiSOY	HS 33E20 ↗	E3,ST	3.3	R	56.2	8.2	1	137.0	747	25
Kruger	K3305XF ↗	RXF	3.3	R	55.6	8.3	1	137.0	739	26
P3 Genetics	2331E ↗	E3	3.1	R	54.8	8.5	1	137.0	728	27
Xitavo	XO 3483E ↗	E3,ST	3.4	MR	54.5	8.0	1	135.7	724	28
NK Brand	S35-E3 ↗	E3	3.5	R	54.1	9.4	1	137.0	719	29
NuTech	31N06E ↗	E3	3.1	R	53.2	8.2	1	137.0	707	31
PIONEER	P26T57E CK	E3	2.6	R	53.9	7.7	1	137.0	716	30
					Averages =	58.6	8.6	1	136.8	779
					LSD (0.10) =	2.6	0.5	ns		
					LSD (0.25) =	1.4	0.3	ns		
					C.V. =	4.2				
					Historic yield: 68.38 bu/a, 18 yr(s)					



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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.04 Prices: GMO = \$13.29

Report Date: 10/19/2022

† 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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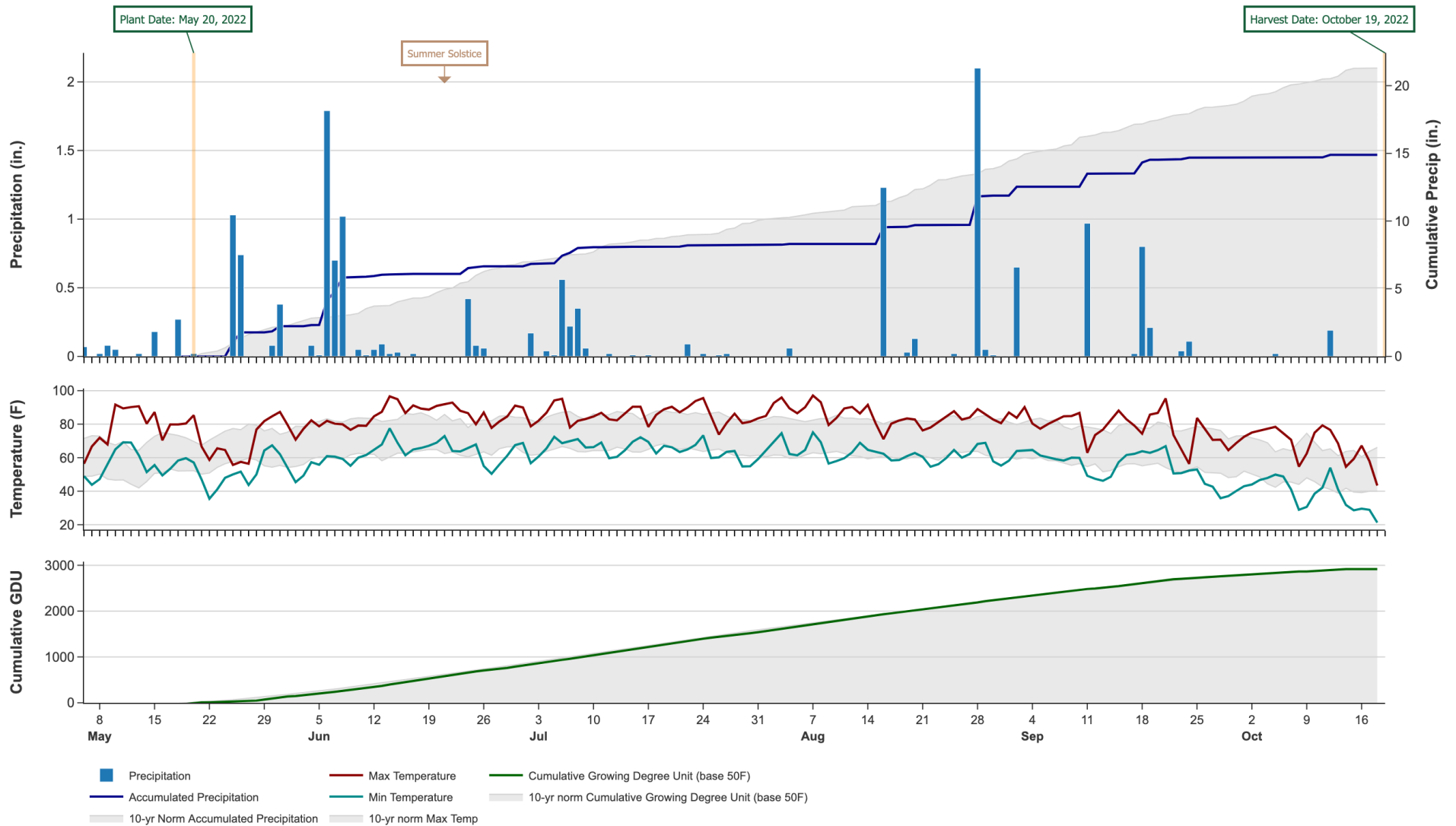
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2022 Soybeans - Iowa South [IASO]

Weather Conditions Summary at WINTERSET, IA

Weather Data Retrieved: 10/19/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	2.9 4.4 (-1.4)	4.4 4.6 (-0.1)	1.6 3.3 (-1.7)	3.6 4.0 (-0.4)	2.8 4.6 (-1.8)	0.2 2.7 (-2.5)	15.6 23.4 (-7.8)
GDU Normal (Diff)	383 330 (+52)	667 661 (+5)	753 759 (-6)	715 685 (+29)	522 502 (+19)	139 145 (-6)	3179 3084 (+94)



* 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.

2022 Soybeans - Iowa South [IASO]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG28XF3 §	RXF	R	2.8	ACi,IL
Brevant	B252EE GC	E3	R	2.5	Lum,Lu,IL
FS HiSOY	HS 26E20	E3	R	2.6	ACi,SA,B-200
FS HiSOY	HS 28F20	RXF,ST	R	2.8	ACi,SA,B-200
FS HiSOY	HS 29F10	RXF	R	2.9	ACi,SA,B-200
Genesis	G2960E	E3	R	2.9	EcTC,SA
Golden Harvest	GH2653XF §	RXF	R	2.6	CMBV,SA
Golden Harvest	GH3043E3	E3	R	3.0	CMBV,SA
Hoegemeyer	2553 E	E3	R	2.5	Lum,Lu
Hoegemeyer	2763 E	E3	R	2.7	Lum,Lu,IL
Kruger	K2594XF	RXF	R	2.5	ACi,IL
Kruger	K2604XF	RXF	R	2.6	ACi,IL
Kruger	K2816XF	RXF	R	2.8	ACi,IL
Kruger	K3003XF	RXF	R	3.0	ACi,IL
Latham	L 2638 E3	E3	R	2.6	SS+,SA
Latham	L 2786 XF	RXF	R	2.7	SS+,SA
Latham	L 2894 E3	E3	R	2.8	SS+,SA
Latham	L 3086 XF	RXF	R	3.0	SS+,SA
NK Brand	NK29-Z4E3	E3	R	2.9	CMBV,SA
NK Brand	NK30-B2E3 §	E3	R	3.0	CMBV,SA
NuTech	25N04E	E3	R	2.5	Lum,Lu,IL
NuTech	26N06E	E3	R	2.6	Lum,Lu,IL
NuTech	27N03E	E3	R	2.7	Lum,Lu,IL
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
Pioneer	P26T23E §	E3	R	2.6	Lum,Lu
Pioneer	P26T57E CK	E3	R	2.6	Lum,Lu
Pioneer	P28T02E §	E3	R	2.8	Lum,Lu
Pioneer	P29T37E GC	E3	NA	2.9	Lum,Lu
Pioneer	P30T99E §	E3	R	3.0	Lum,Lu
Stine	26EC32 §	E3	R	2.6	SFI
Stine	26EF23 §	E3	R	2.6	SFI
Xitavo	XO 2613E	E3	R	2.6	PV,IL,OB,Rey
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 2963E	E3	R	2.9	PV,IL,OB,Rey

2022 Soybeans - Iowa South [IASO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE3330S	E3	R	3.3	PU
Asgrow	AG32XF2 §	RXF	R	3.2	ACi,IL
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
FS HiSOY	HS 33E20	E3,ST	R	3.3	ACi,SA,B-200
FS HiSOY	HS 34F00	RXF	R	3.4	ACi,SA,B-200
FS HiSOY	HS 35E10	E3	R	3.5	ACi,SA,B-200
FS HiSOY	HS 35F20	RXF	R	3.5	ACi,SA,B-200
Genesis	G3460ES	E3,ST	R	3.4	EcTC,SA
Golden Harvest	GH3373E3S	E3,ST	R	3.3	CMBV,SA
Golden Harvest	GH3442XF §	RXF	MR	3.4	CMBV,SA
Hoegemeyer	3413 E	E3	R	3.4	Lum,Lu,IL
Hoegemeyer	3591 E	E3	R	3.5	Lum,Lu,IL
Kruger	K3214XF	RXF	R	3.2	ACi,IL
Kruger	K3305XF	RXF	R	3.3	ACi,IL
Kruger	K3593XF	RXF	R	3.5	ACi,IL
Kruger	K3603XF	RXF	R	3.6	ACi,IL
Latham	L 3123 E3	E3	R	3.1	SS+,SA
Latham	L 3384 XF	RXF	R	3.3	SS+,SA
Latham	L 3479 E3	E3	R	3.4	SS+,SA
NK Brand	NK33-W2E3S §	E3,ST	R	3.3	CMBV,SA
NK Brand	S35-E3	E3	R	3.5	CMBV,SA
NuTech	31N06E	E3	R	3.1	Lum,Lu,IL
NuTech	34N02E	E3	R	3.4	Lum,Lu,IL
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
P3 Genetics	2136E	E3	R	3.6	PG+
P3 Genetics	2234E	E3	R	3.4	PG+
P3 Genetics	2331E	E3	R	3.1	PG+
Pioneer	P26T57E CK	E3	R	2.6	Lum,Lu
Pioneer	P31T64E §	E3	NA	3.1	Lum,Lu
ProHarvest	34F37	RXF	R	3.4	PU
Stine	31EF23 §	E3	R	3.1	SFI
Stine	32EE21 §	E3	R	3.2	SFI
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB,Rey
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB,Rey
Xitavo	XO 3483E	E3,ST	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3651E	E3	R	3.6	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 Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybeans Technologies

E3	Enlist™ E3
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Salstro®, B-200 SAT
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Salstro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Salstro®
Lum,Lu	LumiGEN™, Lumisena™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
SS+,SA	SoyShield Plus, Salstro®

* Seed treatments may include unspecified plant health promoting components.