

## 2022 Soybeans Products and Region Information Red River South North Dakota & Minnesota - RRSO

All-Season Test 0.6-1.4 MG

### FIRST Field Manager



**Luke Brendemuhl**  
Northland F.I.R.S.T., LLC  
Moorhead, MN  
(218) 790-4497  
luke.brendemuhl@firstseedtests.com

### Farmer Members - Plot hosts



**Curtis Brendemuhl**  
WCD Brendemuhl Farms  
Georgetown, MN



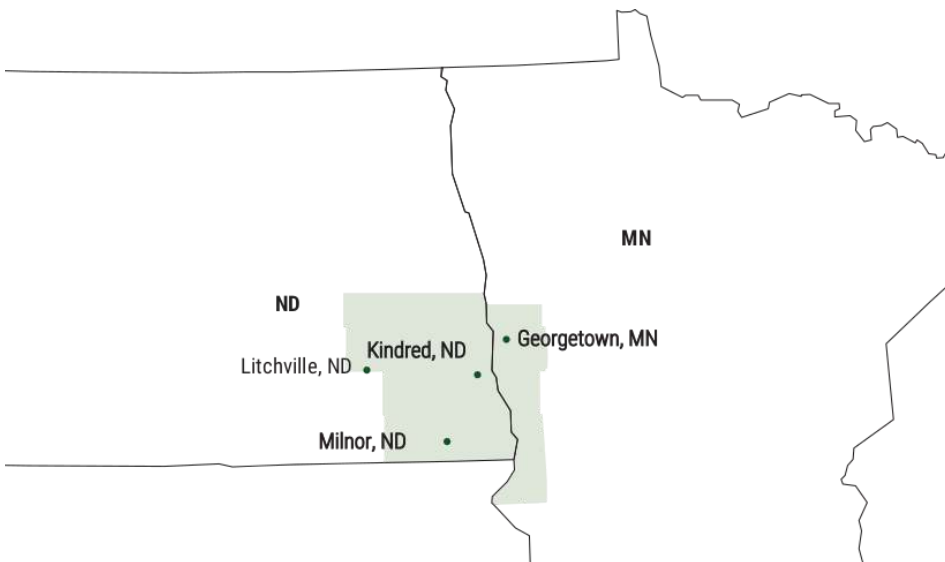
**Todd Toppen**  
Kindred, ND



**Mark Formo**  
Litchville, ND








**Steve Hogness**  
Milnor, ND


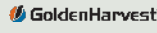




Site	Farmer Members	Soil Texture	Tillage	Previous Crop	Date Planted
Georgetown, MN	Curtis Brendemuhl WCD Brendemuhl Farms	silty clay	not available ‡	wheat	May 22
Kindred, ND	Todd Toppen	silty clay	conventional w/ fall till	Soybeans	May 27
Litchville, ND	Mark Formo	not available	not available	not available	Not planted due to weather delays
Milnor, ND	Steve Hogness	silt loam	no-till	Corn	May 27


‡ Data will be available in Harvest Reports

# 2022 RRSO Soybeans Entries

Brand†	RM	Tech.†	SCN	STrt†	Region(s) Tested
<b>Asgrow</b>   Asgrow Brand [Bayer CropScience] http://www.asgrow.com 800 N. Lindbergh Blvd., St. Louis MO 63167 (314) 694-1000					
					
AG09XF3 §	0.9	RXF		ACi,IL	MNNCa RRCE RRSO
AG11XF2 §	1.1	RXF		ACi,IL	MNNCb RRSO
AG13XF3 §	1.3	RXF		ACi,IL	MNNCb RRSO
<b>Brevant</b>   Brevant Seeds [Corteva Agriscience] https://brevant.com/ 9330 Zionsville Rd., Indianapolis IN					
					
B061EE § ↗	0.6	E3		Untreated	RRCE RRSO
B091EE § ↗	0.9	E3		Untreated	RRCE RRSO
B131EE §	1.3	E3		Untreated	RRSO
<b>Dairyland</b>   Dairyland Seed Co., Inc. [Corteva Agriscience] http://www.dairylandseed.com PO Box 958, West Bend WI 53095 (800) 236-0163					
					
DSR-0757E	0.7	E3		Lum,Lu,IL	MNNCa RRCE RRSO
DSR-0847E ↗	0.8	E3		Lum,Lu,IL	MNNCa RRCE RRSO
DSR-0920E ↗	0.9	E3		Lum,Lu,IL	MNNCa RRCE RRSO
DSR-1121E	1.1	E3		Lum,Lu,IL	MNNCb RRSO SDNE
DSR-1290E ↗	1.2	E3,ST		Lum,Lu,IL	MNCE MNNCb RRSO SDNE
DSR-1450E ↗	1.4	E3,ST		Lum,Lu,IL	MNCE MNNCb RRSO SDNE
<b>Dak-Sota</b>   Dak-Sota [M.S. Technologies, L.L.C.] http://www.mstechseed.com/ 103 Avenue D, West Point IA 52656 (800) 362-2510					
					
DE5212	1.2	E3		TFI	RRSO SDNE
DE5309	0.9	E3		TFI	RRCE RRSO
<b>Dyna-Gro</b>   Dyna-Gro Seed [Nutrien Ag Solutions] http://www.dynagroseed.com 3005 Rocky Mountain Ave, Loveland CO 80538 (970) 685-3300					
					
S09EN53	0.9	E3		EQV,Sa,Va	MNNCa RRSO
S09XF62	0.9	RXF		EQV,Sa,Va	RRSO
S12XF92 ↗	1.2	RXF		EQV,Sa,Va	RRSO


Brand†	RM	Tech.†	SCN	STrt†	Region(s) Tested
<b>Genesis</b>   Genesis Seeds [M.S. Technologies, L.L.C.] http://www.mstechseed.com 103 Avenue D, West Point IA 52656 (800) 362-2510					
					
G1070E	1.0	E3		EcTC,SA	RRSO SDNE
G1260E ↗	1.2	E3		EcTC,SA	RRSO SDNE
<b>Golden Harvest</b>   Golden Harvest Brand [Syngenta] http://www.goldenharvestseeds.com 2001 Butterfield Road, Downers Grove IL 60515 (800) 944-7333					
					
GH0933E3	0.9	E3		CMBV,SA	RRSO
GH0983XF §	0.9	RXF		CMBV,SA	MNNCa RRSO
GH1323XF §	1.3	RXF		CMBV,SA	MNCE RRSO SDNE
GH1472E3 ↗	1.4	E3		CMBV,SA	RRSO SDNE
<b>Hefty</b>   Hefty Seed Company http://www.heftyseed.com 47504 252nd St., Baltic SD 57003 (866) 769-7200					
					
H06XF2 ↗	0.6	RXF		DST4	RRCE RRSO
H07XF1 ↗	0.7	RXF		DST5	RRCE RRSO
H07XF3	0.7	RXF		DST4	MNNCa RRCE RRSO
H08XF2 ↗	0.8	RXF		DST4	MNNCa RRCE RRSO
H09XF3	0.9	RXF		DST4	MNNCa RRCE RRSO
H12XF2 ↗	1.2	RXF		DST4	RRSO SDNE
H13XF3	1.3	RXF		DST4	MNNCb RRSO SDNE
H14XF3	1.4	RXF		DST4	MNNCb RRSO SDNE
<b>Latham</b>   Latham Hi-Tech Seeds http://www.lathamseeds.com 131 180th St., Alexander IA 50420 (877) 465-2842					
					
L 0694 XF	0.6	RXF		SS+,SA	MNNCa RRCE RRSO
L 0728 XF ↗	0.7	RXF		SS+,SA	RRCE RRSO
L 0785 E3 ↗	0.7	E3		SS+,SA	MNNCa RRCE RRSO
L 0945 LLGT27	0.9	LLGT27		SS+,SA	MNNCa RRCE RRSO
L 0959 E3	0.9	E3		SS+,SA	MNNCa RRCE RRSO
L 1392 E3 ↗	1.3	E3		SS+,SA	MNNCb RRSO SDNE
L 1439 XF	1.4	RXF		SS+,SA	MNCE MNNCb RRSO SDNE
L 1452 LLGT27	1.4	LLGT27		SS+,SA	MNCE MNNCb RRSO SDNE

**Loyal | Loyal [M.S. Technologies, L.L.C.]**  
<http://www.mstechseed.com/>  
 103 Avenue D, West Point IA 52656  
 (800) 362-2510




L1050E	1.0	E3	NLSB	RRSO
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**Mustang | Mustang Seeds**  
<http://www.mustangseeds.com>  
 1021 SW 10th St., Madison SD 57042  
 (800) 952-3234



XF13323	1.3	RXF	Treated	RRSO
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**NK Brand | NK Brand [Syngenta]**  
<http://www.nkseeds.com>  
 2001 Butterfield Road, Downers Grove IL 60515  
 (800) 258-0521




NK06-D9E3	0.6	E3	CMBV,SA	RRSO
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NK08-M1XF	0.8	RXF	CMBV,SA	RRSO
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<b>S10-E3 §</b> ↗	1.0	E3	CMBV,SA	RRSO
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S13-E3	1.3	E3	CMBV,SA	RRSO
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**Paloma | Paloma Seed [M.S. Technologies, L.L.C.]**  
<http://www.mstechseed.com/>  
 103 Ave D, West Point IA 52656  
 (800) 362-2510



PL2E101 GC	1.0	E3	Treated	RRSO
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PL2E141 GC	1.4	E3	EcTC,SA	RRSO
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**Stine | Stine Seed Company**  
<http://www.stinseed.com>  
 22555 Laredo Trail, Adel IA 50003  
 (800) 362-2510




08EC32 §	0.8	E3	SFI	MNNCa RRCE RRSO
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10EF23 §	1.0	E3	SFI	RRSO SDNE
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14EE02 §	1.4	E3	SFI	MNCE MNNCb RRSO
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**Thunder | Thunder Seed, Inc.**  
<http://www.thunderseed.com>  
 806 Center Ave West, Dilworth MN 56529  
 (888) 684-8633



<b>TE7011N</b> ↗	1.1	E3	TFI	<b>RRSO SDNE</b>
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TE7309N	0.9	E3	TFI	MNNCa RRCE RRSO
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<b>TX8211N</b> ↗	1.1	RXF	TFI	<b>MNNCb RRSO SDNE</b>
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TX8309N	0.9	RXF	TFI	MNNCa RRCE RRSO
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TX8312N	1.2	RXF	TFI	MNNCb RRSO SDNE
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TX8313N	1.3	RXF	TFI	MNNCb RRSO SDNE
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**Xitavo | Xitavo [M.S. Technologies, L.L.C.]**  
<https://www.xitavosoybeanseed.com/>  
 103 Avenue D, West Point IA 52656  
 (800) 362-2510



<b>XO 0602E</b> ↗	0.6	E3	PV,IL,OB,Rey	<b>MNNCa RRCE RRSO</b>
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<b>XO 0731E</b> ↗	0.7	E3	PV,IL,OB,Rey	<b>MNNCa RRCE RRSO</b>
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XO 0993E	0.9	E3	PV,IL,OB,Rey	MNNCa RRCE RRSO
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<b>XO 1041E</b> ↗	1.0	E3	PV,IL,OB,Rey	<b>MNNCb RRSO SDNE</b>
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XO 1133E	1.1	E3	PV,IL,OB,Rey	MNNCb RRSO SDNE
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<b>XO 1212E</b> ↗	1.2	E3	PV,IL,OB,Rey	<b>MNNCb RRSO SDNE</b>
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<b>XO 1372E</b> ↗	1.3	E3,ST	PV,IL,OB,Rey	<b>MNCE MNNCb RRSO SDNE</b>
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<b>XO 1451E</b> ↗	1.4	E3	PV,IL,OB,Rey	<b>MNCE RRSO SDNE</b>
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**Zinesto | Zinesto [M.S. Technologies, L.L.C.]**  
<https://www.zinestoseed.com/>  
 103 Avenue D, West Point IA 52656  
 (800) 362-2510



Z0601E	0.6	E3	DST4	MNNCa RRSO
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<b>Z0602E</b> ↗	0.6	E3	DST5	<b>MNNCa RRSO</b>
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<b>Z0702E</b> ↗	0.7	E3	DST5	<b>MNNCa RRSO</b>
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Z0903E	0.9	E3	DST4	MNNCa RRSO
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Z1003E	1.0	E3	DST4	MNNCb RRSO SDNE
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<b>Z1101E</b> ↗	1.1	E3	DST4	<b>MNNCb RRSO SDNE</b>
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<b>Z1202E</b> ↗	1.2	E3	DST4	<b>MNNCb RRSO SDNE</b>
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<b>Z1411E</b> ↗	1.4	E3	DST4	<b>MNCE RRSO SDNE</b>
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Harvest reports will identify company as shown in bold.

‡ Suffix GC = grower comparison, CK = check

† See last page for abbreviation descriptions

Products and Regions in **BOLD** identify varieties tested in both 2022 & 2021

Regions in **BLUE** identify products that placed in the regional Top 30 in 2021

# ABBREVIATION KEY | SEED TECHNOLOGIES AND TREATMENTS

## Product Suffix Key

<b>CK</b>	Check product found in early- and full- season tests
<b>GC</b>	Brower Comparison product from farmer cooperator or field manager
<b>S</b>	United Soybean Board sponsored entry

## Corn Seed Technology Key

ABBREVIATION	DESCRIPTION
<b>3000GT</b>	Agrisure <sup>®</sup> 3000GT (CB,RW,LL,GT)
<b>3010</b>	Agrisure <sup>®</sup> 3010 (GT,CB,LL), formerly GT/CB/LL
<b>3011</b>	Agrisure <sup>®</sup> 3011 (CB,RW,LL,GT)
<b>3110</b>	Agrisure <sup>®</sup> Viplera <sup>®</sup> 3110 (Vip,CB,LL,GT)
<b>3111</b>	Agrisure <sup>®</sup> Viplera <sup>®</sup> 3111 (Vip,CB,RW,LL,GT)
<b>A</b>	Agrisure <sup>®</sup> Artesian <sup>®</sup>
<b>AA</b>	Agrisure <sup>®</sup> Above (CB,HX,LL,GT), formerly Agrisure <sup>®</sup> 3120
<b>AM</b>	Optimum <sup>®</sup> AcreMax <sup>®</sup> (YGCB,HX,LL,RR2)
<b>AML</b>	Optimum <sup>®</sup> AcreMax <sup>®</sup> Leptra <sup>®</sup> (Vip,YGCB,HX,LL,RR2)
<b>AMXT</b>	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)
<b>AQ</b>	Optimum <sup>®</sup> AQUAmax <sup>®</sup>
<b>AT</b>	Agrisure <sup>®</sup> Total (CB,HXX,RW,LL,GT), formerly Agrisure <sup>®</sup> 3122
<b>CONV</b>	conventional corn
<b>D</b>	Duracade <sup>®</sup> (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade <sup>®</sup> 5122
<b>DV</b>	DuracadeViplera <sup>®</sup> (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade <sup>®</sup> 5222
<b>DVZ</b>	DuracadeViplera <sup>®</sup> Z3 (Vip,CB,VTP,RW,RW2,LL,GT), formerly Agrisure Duracade <sup>®</sup> 5332
<b>DG</b>	DroughtGard <sup>®</sup>
<b>E</b>	Enlist <sup>™</sup> (2,4-D, glyphosate, fop tolerance)
<b>GT</b>	Agrisure <sup>®</sup> GT
<b>PC</b>	PowerCore <sup>™</sup> (HX,VT2P)
<b>QR</b>	Qrome <sup>™</sup>
<b>RR2</b>	Roundup Ready <sup>®</sup> 2 Corn
<b>STX</b>	SmartStax <sup>®</sup> (VT3PHXX)
<b>STXP</b>	SmartStax <sup>®</sup> Pro With RNAi Technology
<b>TRE</b>	Trecepta <sup>®</sup>
<b>V</b>	Viplera <sup>®</sup> (Vip,CB,HX,LL,GT), formerly Agrisure Viplera <sup>™</sup> 3220
<b>VZ</b>	Viplera <sup>®</sup> Z3 (Vip,CB,VTP,LL,GT), formerly Agrisure Viplera <sup>™</sup> 3330
<b>VT2P</b>	VT Double PRO <sup>®</sup>

## Corn Seed Treatment Key

ABBREVIATION	DESCRIPTION
<b>NA</b>	not available
<b>Treated</b>	Treated seed, unspecified
<b>AC</b>	Acceleron <sup>®</sup> unspecified
<b>AC,P1</b>	Acceleron <sup>®</sup> 1250
<b>AC,P1V</b>	Acceleron <sup>®</sup> 1250/Votivo
<b>AC,P2</b>	Acceleron <sup>®</sup> 250
<b>AC,P2V</b>	Acceleron <sup>®</sup> Poncho 250/Votivo
<b>AC,P5</b>	Acceleron <sup>®</sup> 500
<b>AC,P5V</b>	Acceleron <sup>®</sup> Poncho 500/Votivo
<b>AM,J2</b>	AmaizeUS-F IM 250
<b>AV500</b>	Avicta <sup>®</sup> 500
<b>AVC,C2</b>	Avicta <sup>®</sup> Complete 250
<b>AVC,C5</b>	Avicta <sup>®</sup> Complete 500
<b>B300</b>	Acceleron <sup>®</sup> B-300 SAT
<b>B360</b>	Acceleron <sup>®</sup> BioRise <sup>™</sup> B-360 ST
<b>BPS</b>	Burrus PowerShield
<b>CM,C1</b>	CruiserMaxx <sup>®</sup> 1250
<b>CM,C2</b>	CruiserMaxx <sup>®</sup> 250
<b>CM,C5</b>	Cruisermaxx <sup>®</sup> 500
<b>EDC</b>	Enhanced Disease Control
<b>EDC-B</b>	Acceleron <sup>®</sup> BASIC
<b>EDC-EL</b>	Acceleron <sup>®</sup> ELITE
<b>Edge-CST</b>	Vibrance <sup>®</sup> Cinco + Cruiser <sup>®</sup> (Midland Genetics)
<b>Ebberts</b>	Ebberts Complete Corn (Ebberts Field Seeds)
<b>HC</b>	Hefty Complete
<b>Lum</b>	LumiGEN <sup>™</sup> (Corteva Agriscience)
<b>Lum,L1</b>	LumiGEN <sup>™</sup> , Lumisure 1250
<b>MSC</b>	Miller Hybrids ShieldCoat <sup>™</sup> with Vertex
<b>MAG</b>	ArmorGuard (Federal Hybrids)
<b>MQ,In</b>	Maxim Quattro, Intego Vigor
<b>Ra</b>	Radius 500 (Local Seed Co)

<b>Sb</b>	SabrEx Inoculant
<b>Se,Sa,Sn,Sp</b>	Senator 250, Sativa, Spirato, Sebring
<b>St</b>	Stamina
<b>SU</b>	StepUp
<b>Ti</b>	Titan Corn 250 (M & W Seeds)
<b>Va</b>	Vayantis <sup>®</sup>
<b>Vi</b>	Vibrance <sup>®</sup>
<b>ViS</b>	Vibrance <sup>®</sup> Cinco

## Soybean Seed Technology Key

ABBREVIATION	DESCRIPTION
<b>CONV</b>	Conventional
<b>E3</b>	Enlist E3 <sup>®</sup> (2,4-D, choline, glyphosate, LL)
<b>LLGT27</b>	LibertyLink <sup>®</sup> GT27 <sup>®</sup>
<b>RRX</b>	Roundup Ready 2 Xtend <sup>®</sup>
<b>RXF</b>	Roundup Ready 2 XtendFlex <sup>®</sup>
<b>ST</b>	Sulfonylurea tolerant

## Soybean Seed Treatment Key

ABBREVIATION	DESCRIPTION
<b>NA</b>	not available
<b>Treated</b>	Treated seed, unspecified
<b>Untreated</b>	No seed treatment applied
<b>A2020</b>	Alert 2020 (Partners Brand Seed)
<b>ACi</b>	Acceleron <sup>®</sup> Standard Insecticide-Fungicide
<b>AVC,C5,Vi</b>	Avicta <sup>®</sup> Complete 500, Vibrance
<b>ASf,SA</b>	AgriShield Max with Saltro <sup>®</sup>
<b>B-200</b>	B-200 SAT
<b>CGT</b>	Chemgro gro-Tek (Chemgro Seed)
<b>CMBV</b>	CruiserMaxx <sup>®</sup> Beans, Vibrance <sup>®</sup>
<b>DFender</b>	DFender (Legacy Seeds)
<b>DST4</b>	Dominance 4 ST
<b>DST5</b>	Dominance 5 ST
<b>EcTn,NGNH</b>	Eclipse US Total Coverage Trio IM, N-Force, N-Hibit
<b>Edge-SST</b>	Cruiser <sup>®</sup> , Apron XL <sup>®</sup> , Maxim <sup>®</sup> , Dynasty <sup>®</sup> , Mertect <sup>®</sup> , Optimize <sup>®</sup> , Saltro <sup>®</sup> (Midland Genetics)
<b>Ebberts</b>	Ebberts Complete Soybean (Ebberts Field Seeds)
<b>EQV</b>	Equity VIP
<b>F,I</b>	Fungicide-Insecticide
<b>Ga</b>	Gaucho <sup>®</sup>
<b>Gr+</b>	Great Start Max Plus (Great Heart Seed)
<b>HCS</b>	Hefty Complete Soybeans
<b>IL</b>	ILeVO <sup>®</sup>
<b>IS</b>	Intego <sup>®</sup> Suite
<b>Liftoff Stage 2</b>	Insecticide-Fungicide (Rupp Seeds)
<b>Lu</b>	Lumisena <sup>™</sup> (Corteva Agriscience)
<b>Lum</b>	LumiGEN <sup>™</sup> (Corteva Agriscience)
<b>MAX</b>	Maximize (Meherrin Ag)
<b>NLSB</b>	NexLevel SB Elite and Marathon Extreme (Agri Partners)
<b>OB</b>	Obvius Plus
<b>Obtavn</b>	Obtavn (Seedway Seeds)
<b>PG+</b>	Profit Guard+ (Comelius Seed)
<b>PS</b>	Pro-Shield (Mid-Atlantic Seeds)
<b>PU</b>	Protect Ultra
<b>Re</b>	Redigo 480
<b>Rey</b>	Relanya <sup>®</sup>
<b>RP</b>	Radius Premium (Local Seed Co)
<b>SA</b>	Saltro <sup>®</sup>
<b>SFI</b>	Stine XP F&I
<b>SS</b>	SoyShield
<b>TFI</b>	ThunderStruck F & I (Thunderseed Inc.)
<b>Va</b>	Vayantis <sup>®</sup>
<b>WyK</b>	WyckOAT fueled by Soy-Defense (Wyckoff Hybrids)

## Soybean Cyst Nematode (SCN) Resistance Rating

ABBREVIATION	SOYBEAN CYST NEMATODE DESCRIPTION
<b>NA</b>	information is not available
<b>S</b>	susceptible
<b>MR</b>	moderate resistance
<b>R</b>	resistant