

## 2022 Soybeans Products and Region Information Minnesota North Central - MNNC

Early-Season Test **0.6-0.9 MG**

Full-Season Test **1.0-1.5 MG**

### FIRST Field Manager



**Ed Dahle**

NewVenture, LLC  
Ellendale, MN  
(507) 456-6624  
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### Farmer Members - Plot hosts



**Mitch Oveman**  
Albany, MN



**Kenny Kasella**  
Royalton, MN



**Matt Moe**  
Starbuck, MN



**Chad Biss**  
Wendell, MN

Site	Farmer Members	Soil Texture	Tillage	Previous Crop	Date Planted
Albany, MN	Mitch Oveman	not available ‡	conventional w/ fall till	Soybeans	Jun 3
Royalton, MN	Kenny Kasella	not available ‡	conventional w/ fall till	Corn	Jun 2
Starbuck, MN	Matt Moe	not available ‡	conventional w/ fall till	Corn	Jun 9
Wendell, MN	Chad Biss	not available ‡	conventional w/ fall till	wheat	Jun 8

‡ Data will be available in Harvest Reports

# 2022 MNNC Soybeans Entries

**Brand<sup>‡</sup>** **RM Tech.<sup>†</sup> SCN STTr<sup>†</sup> Region(s) Tested**

**Asgrow | 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	MNNCb RRSO
<b>AG15XF2 § ↗</b>	1.5	RXF	ACi,IL	<b>MNCE MNNCb MNSCa SDNE</b>

**Dairyland | 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
<b>DSR-0847E ↗</b>	0.8	E3	Lum,Lu,IL	<b>MNNCa RRCE RRSO</b>
<b>DSR-0920E ↗</b>	0.9	E3	Lum,Lu,IL	<b>MNNCa RRCE RRSO</b>
DSR-1121E	1.1	E3	Lum,Lu,IL	MNNCb RRSO SDNE
<b>DSR-1290E ↗</b>	1.2	E3,ST	Lum,Lu,IL	<b>MNCE MNNCb RRSO SDNE</b>
<b>DSR-1450E ↗</b>	1.4	E3,ST	Lum,Lu,IL	<b>MNCE MNNCb RRSO SDNE</b>
DSR-1505E	1.5	E3	Lum,Lu,IL	MNCE MNNCb MNSCa SDNE

**Dyna-Gro | Dyna-Gro Seed [Nutrien Ag Solutions]**  
<http://www.dynagroseed.com>  
 3005 Rocky Mountain Ave, Loveland CO 80538  
 (970) 685-3300




<b>S07EN61 ↗</b>	0.7	E3	EQV,Sa,Va	<b>MNNCa RRCE</b>
S09EN53	0.9	E3	EQV,Sa,Va	MNNCa RRSO
<b>S12EN72 ↗</b>	1.2	E3	EQV,Sa,Va	MNNCb
S14EN22	1.4	E3	EQV,Sa,Va	MNCE MNNCb SDNE

**Gold Country | Gold Country Seed [Bayer CropScience]**  
<http://www.goldcountryseed.com>  
 16506 MN-15, Hutchinson MN 55350  
 (320) 587-1050



0842XF	0.8	RXF	ACi,IL	MNNCa
<b>1041XF ↗</b>	1.0	RXF	ACi,IL	<b>MNNCb</b>


**Golden Harvest | Golden Harvest Brand [Syngenta]**  
<http://www.goldenharvestseeds.com>  
 2001 Butterfield Road, Downers Grove IL 60515  
 (800) 944-7333



GH0653XF §	0.6	RXF	CMBV,SA	MNNCa
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**Brand<sup>‡</sup>** **RM Tech.<sup>†</sup> SCN STTr<sup>†</sup> Region(s) Tested**

**Hefty | Hefty Seed Company**  
<http://www.heftyseed.com>  
 47504 252nd St., Baltic SD 57003  
 (866) 769-7200




GH0693E3 §	0.6	E3	CMBV,SA	MNNCa
GH0933E3 §	0.9	E3	CMBV,SA	MNNCa
GH0983XF §	0.9	RXF	CMBV,SA	MNNCa RRSO
H05XF3	0.5	RXF	DST4	MNNCa RRCE
H07XF3	0.7	RXF	DST4	MNNCa RRCE RRSO
<b>H08XF2 ↗</b>	0.8	RXF	DST4	<b>MNNCa RRCE RRSO</b>
H09XF3	0.9	RXF	DST4	MNNCa RRCE RRSO
<b>H10XF1 ↗</b>	1.0	RXF	DST4	<b>MNNCb SDNE</b>
H13XF3	1.3	RXF	DST4	MNNCb RRSO SDNE
H14XF3	1.4	RXF	DST4	MNNCb RRSO SDNE
<b>H15XF2 ↗</b>	1.5	RXF	DST4	<b>MNNCb SDNE</b>

**Latham | 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
<b>L 0785 E3 ↗</b>	0.7	E3	SS+,SA	<b>MNNCa RRCE RRSO</b>
L 0945 LLGT27	0.9	LLGT27	SS+,SA	MNNCa RRCE RRSO
L 0959 E3	0.9	E3	SS+,SA	MNNCa RRCE RRSO
<b>L 1392 E3 ↗</b>	1.3	E3	SS+,SA	<b>MNNCb RRSO SDNE</b>
L 1439 XF	1.4	RXF	SS+,SA	MNCE MNNCb RRSO SDNE
L 1452 LLGT27	1.4	LLGT27	SS+,SA	MNCE MNNCb RRSO SDNE
<b>L 1558 E3 ↗</b>	1.5	E3	SS+,SA	<b>MNCE MNNCb MNSCa SDNE</b>

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



NK13-Y4XF CK	1.3	RXF	CMBV,SA	MNNCa MNNCb
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**Pioneer | DuPont Pioneer [Corteva Agriscience]**  
<http://www.pioneer.com>  
 PO Box 454, Johnston IA 50131  
 (800) 247-6803



P09T68E §	0.9	E3	Lum,Lu,IL	MNNCa
P10T57E §	1.0	E3	Lum,Lu,IL	MNNCb SDNE
P12T94E §	1.2	E3	Lum,Lu,IL	MNNCb

**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
<b>09EA02 §</b> ↗	0.9 E3	SFI	<b>MNNCa</b>
14EE02 §	1.4 E3	SFI	MNCE MNNCb RRSO
15EE32 §	1.5 E3	SFI	IANOa MNCE MNNCb MNSCa MNSOa SDNE

**Thunder | Thunder Seed, Inc.**  
<http://www.thunderseed.com>  
 806 Center Ave West, Dilworth MN 56529  
 (888) 684-8633



<b>TE7207</b> ↗	0.7 E3	TFI	<b>MNNCa RRCE</b>
TE7309N	0.9 E3	TFI	MNNCa RRCE RRSO
<b>TX8211N</b> ↗	1.1 RXF	TFI	<b>MNNCb RRSO SDNE</b>
<b>TX8215N</b> ↗	1.5 RXF	TFI	<b>MNNCb SDNE</b>
TX8307N	0.7 RXF	TFI	MNNCa RRCE
TX8309N	0.9 RXF	TFI	MNNCa RRCE RRSO
TX8312N	1.2 RXF	TFI	MNNCb RRSO SDNE
TX8313N	1.3 RXF	TFI	MNNCb RRSO SDNE

**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>
<b>XO 0731E</b> ↗	0.7 E3	PV,IL,OB,Rey	<b>MNNCa RRCE RRSO</b>
XO 0993E	0.9 E3	PV,IL,OB,Rey	MNNCa RRCE RRSO
<b>XO 1041E</b> ↗	1.0 E3	PV,IL,OB,Rey	<b>MNNCb RRSO SDNE</b>
XO 1133E	1.1 E3	PV,IL,OB,Rey	MNNCb RRSO SDNE
<b>XO 1212E</b> ↗	1.2 E3	PV,IL,OB,Rey	<b>MNNCb RRSO SDNE</b>
<b>XO 1372E</b> ↗	1.3 E3,ST	PV,IL,OB,Rey	<b>MNCE MNNCb RRSO SDNE</b>

**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
<b>Z0602E</b> ↗	0.6 E3	DST4	<b>MNNCa RRSO</b>
<b>Z0702E</b> ↗	0.7 E3	DST4	<b>MNNCa RRSO</b>
Z0903E	0.9 E3	DST4	MNNCa RRSO
Z1003E	1.0 E3	DST4	MNNCb RRSO SDNE
<b>Z1101E</b> ↗	1.1 E3	DST4	<b>MNNCb RRSO SDNE</b>
<b>Z1202E</b> ↗	1.2 E3	DST4	<b>MNNCb RRSO SDNE</b>
<b>Z1502E</b> ↗	1.5 E3	DST4	<b>MNCE MNNCb MNSCa SDNE</b>

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>	Grower 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,MFNH</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>Ri</b>	Rizolex
<b>SA</b>	Saltro <sup>®</sup>
<b>SFI</b>	Stine XP F&I
<b>SS</b>	SoyShield
<b>Va</b>	Vayantis <sup>®</sup>
<b>WyK</b>	WycoKAT 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