

# 2022 Soybeans Top 30 Region Summary for Minnesota North Central [MNNC]



## Early-Season Test Maturity Group 0.6 - 0.9

Top 30 of 34

S2022MNNCa

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Albany	Royalton	Starbuck	Wendell
ZINESTO	Z0601E ↗	E3	0.6	R	<b>47.6</b>	35.0	17.7	11.3	0	662	1	47.0	44.4	46.3	<b>52.9</b>
ZINESTO	Z0903E ↗	E3	0.9	R	46.5	34.7	<b>18.7</b>	11.3	1	645	2	<b>49.1</b>	44.2	44.2	48.5
DAIRYLAND	DSR-0920E ↗	E3	0.9	R	46.3	35.0	18.1	11.3	0	642	3	<b>52.6</b>	37.0	48.6	47.1
HEFTY	H07XF3 ↗	RXF	0.7	R	45.7	34.2	18.2	11.0	0	635	4	40.2	<b>48.2</b>	47.8	46.8
GOLD COUNTRY	0842XF ↗	RXF	0.8	R	44.9	34.9	18.2	11.1	0	623	5	<b>52.5</b>	34.5	41.9	<b>50.7</b>
LATHAM	L 0945 LLGT27 ↗	LLGT27	0.9	R	44.8	34.4	18.4	11.3	0	622	6	38.6	45.5	46.7	48.5
HEFTY	H09XF3 ↗	RXF	0.9	R	44.7	33.7	<b>18.7</b>	10.7	0	621	7	35.5	42.6	<b>52.4</b>	48.4
HEFTY	H05XF3 ↗	RXF	0.5	R	44.7	34.8	18.0	11.3	0	620	8	38.5	34.5	<b>58.0</b>	47.8
GOLDEN HARVEST	GH0653XF § ↗	RXF	0.6	R	43.8	34.9	18.5	10.9	0	608	9	<b>48.6</b>	43.1	39.9	43.8
THUNDER	TX8309N ↗	RXF	0.9	R	43.5	34.8	17.7	11.2	2	605	10	44.3	41.2	42.0	46.7
THUNDER	TX8307N ↗	RXF	0.7	R	43.0	33.9	18.1	11.1	0	596	13	42.5	36.3	50.8	42.5
DAIRYLAND	DSR-0757E ↗	E3	0.7	S	42.9	34.3	<b>18.7</b>	11.1	0	597	11	33.1	<b>52.9</b>	42.8	42.9
GOLDEN HARVEST	GH0983XF § ↗	RXF	0.9	R	42.9	35.2	17.9	11.1	0	596	12	38.7	39.7	47.5	45.9
LATHAM	L 0959 E3 ↗	E3	0.9	R	42.9	34.7	18.4	11.3	0	593	14	43.2	37.8	50.2	40.3
PIONEER	P09T68E § ↗	E3	0.9	NA	42.7	34.1	18.3	11.2	0	593	15	42.2	43.4	41.9	43.4
DYNA-GRO	S07EN61 ↗	E3	0.7	R	42.6	35.2	18.0	11.2	0	591	16	<b>48.0</b>	<b>46.9</b>	36.3	39.4
STINE	09EA02 § ↗	E3	0.9	R	42.4	34.9	18.1	11.1	0	588	18	44.9	35.1	45.6	43.9
HEFTY	H08XF2 ↗	RXF	0.8	NA	42.3	35.0	18.0	11.2	0	590	17	40.0	38.9	34.7	<b>55.8</b>
ZINESTO	Z0702E ↗	E3	0.7	NA	41.1	34.7	17.9	11.2	0	571	20	35.6	34.5	46.3	48.0
DAIRYLAND	DSR-0847E ↗	E3	0.8	S	40.7	35.2	18.3	11.0	0	562	23	45.9	41.7	42.7	32.3
LATHAM	L 0694 XF ↗	RXF	0.6	R	40.6	34.5	17.7	11.1	0	565	21	36.2	39.9	37.8	48.5
XITAVO	XO 0993E ↗	E3	0.9	R	40.6	34.6	18.5	11.4	0	563	22	40.0	36.7	44.6	41.1
STINE	08EC32 § ↗	E3	0.8	R	40.5	<b>35.7</b>	17.8	11.1	0	561	24	43.3	40.8	43.1	34.9
ZINESTO	Z0602E ↗	E3	0.6	NA	40.2	<b>35.4</b>	17.6	11.3	0	558	25	40.5	36.1	38.6	45.6
ASGROW	AG09XF3 § ↗	RXF	0.9	R	39.6	34.1	17.7	11.2	0	552	26	31.5	42.6	36.9	47.5
XITAVO	XO 0602E ↗	E3	0.6	R	39.5	34.6	18.5	11.2	0	548	27	36.4	27.2	50.4	44.0
THUNDER	TE7207 ↗	E3	0.7	S	38.9	33.9	18.4	11.4	3	542	28	40.2	31.0	36.6	48.0
THUNDER	TE7309N ↗	E3	0.9	R	38.8	33.5	<b>18.6</b>	11.3	0	538	29	40.3	27.9	43.1	43.8
GOLDEN HARVEST	GH0693E3 § ↗	E3	0.6	R	38.3	35.3	18.3	11.2	0	532	30	28.4	37.3	43.4	44.0
GOLDEN HARVEST	GH0933E3 § ↗	E3	0.9	R	37.6	34.4	17.8	11.3	0	521	31	47.4	29.9	34.7	38.5
NK BRAND	NK13-Y4XF CK	RXF	1.3	R	41.8	35.1	17.8	11.2	0	580	19	40.7	36.9	46.3	43.3
					<b>Averages =</b>	<b>41.8</b>	<b>34.7</b>	<b>18.1</b>	<b>11.2</b>	<b>0</b>	<b>579</b>	<b>40.7</b>	<b>38.3</b>	<b>43.5</b>	<b>44.5</b>
					LSD (0.10) =	5.1	0.6	0.4	0.2	1		6.8	8.1	7.7	5.8
					LSD (0.25) =	2.7	0.3	0.2	0.1	0		3.5	4.2	4.1	3.0

Ed Dahle

ed.dahle@firstseedtests.com, (507) 456-6624

Prev. years average yield for region: 46.15 bu/a, 4 yr(s)

**Yield & Income Factors:**

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$14.00

† 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. Oil and Protein values are average results of 1 sample per location.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

©2022, All rights reserved by Elite Field Genetics, LLC

Report Date: 10/31/2022

Revised: 01/17/2023

Protein and oil results added

# 2022 Soybeans Top 30 Region Summary for Minnesota North Central [MNCC]



## Full-Season Test

Maturity Group 1.0 - 1.5

S2022MNCCb

Top 30 of 36

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Albany	Royalton	Starbuck	Wendell	
DYNA-GRO	S12EN72 ↗	E3	1.2	R	<b>48.6</b>	<b>35.0</b>	18.3	11.2	0	673	1	46.0	<b>50.7</b>	<b>55.4</b>	42.4	
DAIRYLAND	DSR-1505E ↗	E3	1.5	R	<b>47.0</b>	<b>34.8</b>	17.9	11.1	0	652	2	43.2	<b>52.3</b>	48.6	<b>44.0</b>	
ZINESTO	Z1202E ↗	E3	1.2	NA	<b>46.6</b>	<b>35.0</b>	17.9	11.2	0	646	3	44.1	44.7	52.7	<b>44.9</b>	
LATHAM	L 1439 XF ↗	RXF	1.4	R	<b>45.7</b>	33.6	<b>19.1</b>	11.0	1	630	4	<b>51.7</b>	36.8	<b>56.4</b>	37.7	
THUNDER	TX8215N ↗	RXF	1.5	R	<b>45.4</b>	34.0	18.6	11.2	0	627	5	<b>50.7</b>	<b>46.7</b>	50.0	34.2	
LATHAM	L 1452 LLGT27 ↗	LLGT27	1.4	R	44.6	33.9	18.8	11.2	0	615	6	<b>51.0</b>	35.0	<b>57.1</b>	35.3	
ASGROW	AG13XF3 § ↗	RXF	1.3	R	43.7	33.7	18.4	11.0	0	605	7	42.4	40.7	<b>54.0</b>	37.9	
HEFTY	H13XF3 ↗	RXF	1.3	R	43.5	33.4	18.6	11.0	0	601	8	<b>50.6</b>	38.8	53.8	31.0	
THUNDER	TX8313N ↗	RXF	1.3	R	42.8	<b>34.9</b>	18.1	11.2	0	593	9	<b>49.1</b>	36.9	46.7	38.7	
DAIRYLAND	DSR-1450E ↗	E3,ST	1.4	R	42.7	33.9	<b>19.0</b>	11.0	0	592	10	44.1	41.5	44.1	41.1	
LATHAM	L 1392 E3 ↗	E3	1.3	R	42.2	<b>35.0</b>	17.7	11.0	0	584	11	46.2	40.8	46.0	35.8	
ASGROW	AG11XF2 § ↗	RXF	1.1	R	41.8	34.6	18.3	11.0	0	582	12	40.0	<b>49.0</b>	35.0	43.3	
HEFTY	H14XF3 ↗	RXF	1.4	R	41.8	34.0	18.9	11.1	0	578	13	47.4	38.6	42.5	38.5	
XITAVO	XO 1212E ↗	E3	1.2	R	41.5	34.7	17.8	11.2	0	577	14	36.2	38.0	48.3	43.7	
THUNDER	TX8211N ↗	RXF	1.1	R	41.2	34.6	18.5	11.1	0	569	16	44.4	36.6	48.0	35.7	
HEFTY	H10XF1 ↗	RXF	1.0	NA	40.7	33.9	<b>19.4</b>	10.9	0	564	17	37.6	44.8	45.3	35.2	
STINE	14EE02 § ↗	E3	1.4	R	40.6	33.9	18.5	11.2	0	561	19	45.1	37.2	43.9	36.1	
DAIRYLAND	DSR-1290E ↗	E3,ST	1.2	R	40.5	34.2	18.7	11.1	1	562	18	29.6	41.4	49.7	41.3	
ZINESTO	Z1101E ↗	E3	1.1	R	39.9	33.8	18.7	11.1	1	553	20	40.3	33.9	41.7	43.6	
DAIRYLAND	DSR-1121E ↗	E3	1.1	R	39.9	33.4	<b>19.2</b>	11.1	0	553	21	34.7	39.3	42.9	42.4	
HEFTY	H15XF2 ↗	RXF	1.5	NA	39.3	34.2	18.5	11.1	0	545	22	32.9	34.8	50.7	38.9	
GOLD COUNTRY	1041XF ↗	RXF	1.0	R	38.6	34.4	18.1	11.1	0	535	23	38.2	31.0	45.1	40.0	
ZINESTO	Z1502E ↗	E3	1.5	NA	37.1	<b>34.8</b>	18.4	11.6	2	515	24	39.6	29.0	36.8	43.1	
PIONEER	P13T47E § ↗	E3	1.3	NA	37.1	34.3	18.9	11.1	0	515	25	34.7	33.0	40.0	40.6	
XITAVO	XO 1372E ↗	E3,ST	1.3	R	37.0	34.0	<b>19.1</b>	11.2	0	513	26	32.9	39.1	40.3	35.7	
STINE	15EE32 § ↗	E3	1.5	R	37.0	34.6	18.2	11.2	0	512	27	33.2	35.3	42.7	36.7	
THUNDER	TX8312N ↗	RXF	1.2	R	36.9	34.2	18.8	11.1	0	512	28	40.8	34.4	33.4	38.9	
ASGROW	AG15XF2 § ↗	RXF	1.5	R	36.7	33.5	18.4	11.2	0	509	29	39.1	38.4	34.9	34.5	
PIONEER	P12T94E § ↗	E3	1.2	NA	36.6	<b>35.0</b>	18.4	11.1	0	506	30	43.2	32.7	36.1	34.2	
XITAVO	XO 1041E ↗	E3	1.0	R	36.2	<b>35.4</b>	18.3	11.0	0	500	31	39.4	39.1	40.0	26.2	
NK BRAND	NK13-Y4XF CK	RXF	1.3	R	41.6	34.3	18.5	11.0	0	576	15	42.6	39.8	49.3	34.8	
					<b>Averages =</b>	<b>40.3</b>	<b>34.3</b>	<b>18.5</b>	<b>11.1</b>	<b>0</b>	<b>558</b>		<b>41.5</b>	<b>38.1</b>	<b>44.3</b>	<b>37.7</b>
					LSD (0.10) =	4.8	0.5	0.5	ns	ns		7.5	7.1	9.6	6.2	
					LSD (0.25) =	2.5	0.3	0.3	ns	ns		3.9	3.7	5.1	3.2	

Ed Dahle

ed.dahle@firstseedtests.com, (507) 456-6624

Prev. years average yield for region: 46.15 bu/a, 4 yr(s)

**Yield & Income Factors:**

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$14.00

† 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. Oil and Protein values are average results of 1 sample per location.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

©2022, All rights reserved by Elite Field Genetics, LLC

Report Date: 10/31/2022

Revised: 01/17/2023

Protein and oil results added

## 2022 Soybeans - Minnesota North Central [ MNNC ]

### Early-Season Test Products (34 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG09XF3 §	RXF	R	0.9	ACi,IL
Dairyland	DSR-0757E	E3	S	0.7	Lum,Lu,IL
Dairyland	DSR-0847E	E3	S	0.8	Lum,Lu,IL
Dairyland	DSR-0920E	E3	R	0.9	Lum,Lu,IL
Dyna-Gro	S07EN61	E3	R	0.7	EQV,Sa,Va
Dyna-Gro	S09EN53	E3	R	0.9	EQV,Sa,Va
Gold Country	0842XF	RXF	R	0.8	ACi,IL
Golden Harvest	GH0653XF §	RXF	R	0.6	CMBV,SA
Golden Harvest	GH0693E3 §	E3	R	0.6	CMBV,SA
Golden Harvest	GH0933E3 §	E3	R	0.9	CMBV,SA
Golden Harvest	GH0983XF §	RXF	R	0.9	CMBV,SA
Hefty	H05XF3	RXF	R	0.5	DST4
Hefty	H07XF3	RXF	R	0.7	DST4
Hefty	H08XF2	RXF	NA	0.8	DST4
Hefty	H09XF3	RXF	R	0.9	DST4
Latham	L 0694 XF	RXF	R	0.6	SS+,SA
Latham	L 0785 E3	E3	R	0.7	SS+,SA
Latham	L 0945 LLGT27	LLGT27	R	0.9	SS+,SA
Latham	L 0959 E3	E3	R	0.9	SS+,SA
NK Brand	NK13-Y4XF CK	RXF	R	1.3	CMBV,SA
Pioneer	P09T68E §	E3	NA	0.9	Lum,Lu,IL
Stine	08EC32 §	E3	R	0.8	SFI
Stine	09EA02 §	E3	R	0.9	SFI
Thunder	TE7207	E3	S	0.7	TFI
Thunder	TE7309N	E3	R	0.9	TFI
Thunder	TX8307N	RXF	R	0.7	TFI
Thunder	TX8309N	RXF	R	0.9	TFI
Xitavo	XO 0602E	E3	R	0.6	PV,IL,OB,Rey
Xitavo	XO 0731E	E3	R	0.7	PV,IL,OB,Rey
Xitavo	XO 0993E	E3	R	0.9	PV,IL,OB,Rey
Zinesto	Z0601E	E3	R	0.6	DST4
Zinesto	Z0602E	E3	NA	0.6	DST4
Zinesto	Z0702E	E3	NA	0.7	DST4
Zinesto	Z0903E	E3	R	0.9	DST4

## 2022 Soybeans - Minnesota North Central [ MNNC ]

### Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG11XF2 §	RXF	R	1.1	ACi,IL
Asgrow	AG13XF3 §	RXF	R	1.3	ACi
Asgrow	AG15XF2 §	RXF	R	1.5	ACi,IL
Dairyland	DSR-1121E	E3	R	1.1	Lum,Lu,IL
Dairyland	DSR-1290E	E3,ST	R	1.2	Lum,Lu,IL
Dairyland	DSR-1450E	E3,ST	R	1.4	Lum,Lu,IL
Dairyland	DSR-1505E	E3	R	1.5	Lum,Lu,IL
Dyna-Gro	S12EN72	E3	R	1.2	EQV,Sa,Va
Dyna-Gro	S14EN22	E3	R	1.4	EQV,Sa,Va
Gold Country	1041XF	RXF	R	1.0	ACi,IL
Hefty	H10XF1	RXF	NA	1.0	DST4
Hefty	H13XF3	RXF	R	1.3	DST4
Hefty	H14XF3	RXF	R	1.4	DST4
Hefty	H15XF2	RXF	NA	1.5	DST4
Latham	L 1392 E3	E3	R	1.3	SS+,SA
Latham	L 1439 XF	RXF	R	1.4	SS+,SA
Latham	L 1452 LLGT27	LLGT27	R	1.4	SS+,SA
Latham	L 1558 E3	E3	R	1.5	SS+,SA
NK Brand	NK13-Y4XF CK	RXF	R	1.3	CMBV,SA
Pioneer	P10T57E §	E3	NA	1.0	Lum,Lu,IL
Pioneer	P12T94E §	E3	NA	1.2	Lum,Lu,IL
Pioneer	P13T47E §	E3	NA	1.3	Lum,Lu,IL
Stine	14EE02 §	E3	R	1.4	SFI
Stine	15EE32 §	E3	R	1.5	SFI
Thunder	TX8211N	RXF	R	1.1	TFI
Thunder	TX8215N	RXF	R	1.5	TFI
Thunder	TX8312N	RXF	R	1.2	TFI
Thunder	TX8313N	RXF	R	1.3	TFI
Xitavo	XO 1041E	E3	R	1.0	PV,IL,OB,Rey
Xitavo	XO 1133E	E3	R	1.1	PV,IL,OB,Rey
Xitavo	XO 1212E	E3	R	1.2	PV,IL,OB,Rey
Xitavo	XO 1372E	E3,ST	R	1.3	PV,IL,OB,Rey
Zinesto	Z1003E	E3	R	1.0	DST4
Zinesto	Z1101E	E3	R	1.1	DST4
Zinesto	Z1202E	E3	NA	1.2	DST4
Zinesto	Z1502E	E3	NA	1.5	DST4

## 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
LLGT27	LibertyLink® GT27®
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
CMBV,SA	Cruisemaxx® Beans, Vibrance®, Saltro®
DST4	Dominance 4 ST
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
SS+,SA	SoyShield Plus, Saltro®
TFI	ThunderStruck F&I (Thunder Seed Inc.)

---

\* Seed treatments may include unspecified plant health promoting components.