

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

**All-Season Test**  
**Maturity Group 1.3 - 2.0**  
S2022MNCE

**Top 30 of 59**

For Gross Income (Sorted by Yield), (8) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Buffalo	Canby REJECTED	Lester Prairie *	Starbuck
LATHAM	L 1947 E3 ↗	E3	1.9	R	<b>61.2</b>	33.4	19.0	10.5	3	855	1	<b>64.2</b>	55.5	<b>65.0</b>	<b>54.3</b>
GENESIS	G1970E ↗	E3	1.9	R	<b>60.9</b>	34.1	<b>19.2</b>	10.5	3	850	2	<b>68.0</b>	55.2	<b>64.5</b>	<b>50.2</b>
DYNA-GRO	S14XF43 ↗	RXF	1.4	MR	<b>58.7</b>	34.7	18.4	9.8	0	819	3	60.3	40.8	<b>65.3</b>	<b>50.4</b>
DAIRYLAND	DSR-1820E ↗	E3	1.8	R	<b>58.2</b>	33.2	18.7	9.7	0	813	4	54.6	51.2	<b>64.2</b>	<b>55.7</b>
XITAVO	XO 1761E ↗	E3	1.7	R	<b>56.5</b>	34.4	18.2	9.6	0	788	6	53.0	37.9	<b>65.3</b>	<b>51.1</b>
LATHAM	L 1648 LLGT27 ↗	LLGT27	1.6	R	56.3	34.4	18.9	9.8	2	789	5	61.3	41.7	50.7	<b>56.9</b>
ZINESTO	Z1802E ↗	E3	1.8	NA	55.7	33.5	18.0	12.0	0	776	7	60.2	51.2	<b>63.3</b>	43.6
GOLD COUNTRY	1841XF ↗	RXF	1.8	R	54.3	33.2	18.4	9.9	1	756	9	55.5	41.7	<b>63.8</b>	43.5
XITAVO	XO 1451E ↗	E3	1.4	R	54.2	34.3	18.7	10.1	0	756	10	58.3	41.7	61.3	43.1
ZINESTO	Z1902E ↗	E3	1.9	NA	54.2	34.2	18.5	10.4	2	759	8	57.8	41.7	50.4	<b>54.3</b>
XITAVO	XO 1822E ↗	E3	1.8	R	54.0	34.4	18.6	10.0	2	753	11	59.7	41.7	57.8	44.4
ZINESTO	Z1603E ↗	E3	1.6	R	52.5	34.0	18.3	10.0	3	732	12	<b>69.2</b>	41.7	56.6	31.9
GENESIS	G1760E ↗	E3	1.7	R	52.4	34.4	18.9	9.8	0	729	13	61.1	41.7	58.8	37.2
GOLD COUNTRY	1942XF ↗	RXF	1.9	R	52.2	34.6	18.6	9.7	1	729	14	55.6	51.2	55.3	45.7
LOYAL	L1950E ↗	E3	1.9	R	52.1	34.5	18.6	10.3	1	729	15	63.5	41.7	47.6	45.3
LATHAM	L 1439 XF ↗	RXF	1.4	R	51.9	33.6	18.8	9.9	1	724	17	54.9	31.2	58.6	42.3
LATHAM	L 1452 LLGT27 ↗	LLGT27	1.4	R	51.9	33.8	18.6	9.7	0	725	16	<b>66.9</b>	31.2	46.8	42.0
DAIRYLAND	DSR-1505E ↗	E3	1.5	R	51.7	<b>35.8</b>	18.0	9.6	0	723	18	56.3	41.7	51.4	47.4
TITAN PRO	TP 18E22 ↗	E3	1.8	R	51.3	33.6	18.9	9.8	1	717	19	54.5	41.7	54.4	45.1
DYNA-GRO	S16EN42 ↗	E3	1.6	R	51.0	34.8	18.5	9.9	0	712	21	62.5	51.2	50.5	39.9
DYNA-GRO	S17XF02 ↗	RXF	1.7	MR	50.9	34.0	18.4	9.6	0	714	20	62.2	41.7	42.5	48.1
GOLDEN HARVEST	GH1323XF § ↗	RXF	1.3	R	50.8	35.0	18.1	9.8	0	711	22	58.8	41.7	47.1	46.6
PIONEER	P13T47E § ↗	E3	1.3	NA	50.6	34.8	<b>19.2</b>	9.7	5	706	25	<b>64.6</b>	43.6	48.7	38.6
DAIRYLAND	DSR-1290E ↗	E3,ST	1.2	R	50.6	33.9	18.8	9.5	0	708	23	59.7	31.2	46.7	45.4
LATHAM	L 1758 E3 ↗	E3	1.7	R	50.6	34.2	18.4	9.9	3	707	24	58.5	41.7	46.7	46.4
GENESIS	G1950E ↗	E3	1.9	R	50.4	34.6	18.7	10.1	0	705	26	55.1	44.3	47.1	48.9
ASGROW	AG15XF2 § ↗	RXF	1.5	R	50.3	34.2	18.5	9.8	1	701	27	48.4	41.6	<b>63.7</b>	39.0
LOYAL	L1740E ↗	E3	1.7	R	50.3	34.7	18.6	9.9	2	701	28	58.9	53.4	55.2	36.9
ZINESTO	Z1411E ↗	E3	1.4	R	50.2	34.5	19.0	9.8	3	701	29	60.4	49.6	51.9	38.3
GENESIS	G1560E ↗	E3	1.5	R	50.1	34.7	18.6	9.7	0	697	30	55.5	52.4	57.6	37.2
<b>Averages =</b>					<b>49.8</b>	<b>34.2</b>	<b>18.7</b>	<b>9.9</b>	<b>1</b>	<b>695</b>		<b>56.2</b>	<b>46.8</b>	<b>52.2</b>	<b>41.0</b>
LSD (0.10) =					6.6	0.9	0.4	0.4	ns			7.7	8.7	11.0	8.3
LSD (0.25) =					3.5	0.4	0.2	0.2	ns			4.0	4.6	5.7	4.4

Yield variability due to drought stress

ed.dahle@firstseedtests.com, (507) 456-6624 Prev. years average yield for region: 51.52 bu/a, 18 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$13.50

† 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.

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## 2022 Soybeans - Minnesota Central [ MNCE ]

### All-Season Test Products (59 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG15XF2 §	RXF	R	1.5	ACi,IL
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,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
Dairyland	DSR-1673E	E3	R	1.6	Lum,Lu,IL
Dairyland	DSR-1820E	E3	R	1.8	Lum,Lu,IL
Dairyland	DSR-1919E	E3	R	1.9	Lum,Lu,IL
Dairyland	DSR-2030E	E3	R	2.0	Lum,Lu,IL
Dyna-Gro	S14EN22	E3	R	1.4	EQV,Sa,Va
Dyna-Gro	S14XF43	RXF	MR	1.4	EQV,Sa,Va
Dyna-Gro	S16EN42	E3	R	1.6	EQV,Sa,Va
Dyna-Gro	S17XF02	RXF	MR	1.7	EQV,Sa,Va
Dyna-Gro	S19XF62	RXF	R	1.9	EQV,Sa,Va
Genesis	G1560E	E3	R	1.5	EcTC,SA
Genesis	G1760E	E3	R	1.7	EcTC,SA
Genesis	G1950E	E3	R	1.9	EcTC,SA
Genesis	G1970E	E3	R	1.9	EcTC,SA
Gold Country	1841XF	RXF	R	1.8	ACi,IL
Gold Country	1942XF	RXF	R	1.9	ACi,IL
Golden Harvest	GH1323XF §	RXF	R	1.3	CMBV,SA
Golden Harvest	GH1472E3 §	E3	R	1.4	CMBV,SA
Golden Harvest	GH1973E3S §	E3,ST	R	1.9	CMBV,SA
Golden Harvest	GH2083E3S GC	E3,ST	R	2.0	CMBV,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
Latham	L 1648 LLGT27	LLGT27	R	1.6	SS+,SA
Latham	L 1758 E3	E3	R	1.7	SS+,SA
Latham	L 1784 XF	RXF	R	1.7	SS+,SA
Latham	L 1947 E3	E3	R	1.9	SS+,SA
Latham	L 2049 E3	E3	R	2.0	SS+,SA
Loyal	L1540E	E3	R	1.5	NLSB
Loyal	L1730E	E3	NA	1.7	NLSB
Loyal	L1740E	E3	R	1.7	NLSB
Loyal	L1950E	E3	R	1.9	NLSB
Pioneer	P13T47E §	E3	NA	1.3	Lum,Lu,IL
Pioneer	P16T05E §	E3	NA	1.6	Lum,Lu,IL
Pioneer	P20T64E §	E3	R	2.0	Lum,Lu,IL
Stine	14EE02 §	E3	R	1.4	SFI
Stine	15EE32 §	E3	R	1.5	SFI

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Stine	17EE32 §	E3	R	1.7	SFI
Titan Pro	TP 18E22	E3	R	1.8	SA,A,R,G
Titan Pro	TP 20E22	E3	R	2.0	SA,A,R,G
Xitavo	XO 1372E	E3,ST	R	1.3	PV,IL,OB,Rey
Xitavo	XO 1451E	E3	R	1.4	PV,IL,OB,Rey
Xitavo	XO 1632E	E3	R	1.6	PV,IL,OB,Rey
Xitavo	XO 1761E	E3	R	1.7	PV,IL,OB,Rey
Xitavo	XO 1822E	E3	R	1.8	PV,IL,OB,Rey
Xitavo	XO 1971E	E3	R	1.9	PV,IL,OB,Rey
Zinesto	Z1302E	E3	NA	1.3	DST4
Zinesto	Z1411E	E3	R	1.4	DST4
Zinesto	Z1502E	E3	NA	1.5	DST4
Zinesto	Z1603E	E3	R	1.6	DST4
Zinesto	Z1702E	E3	NA	1.7	DST4
Zinesto	Z1802E	E3	NA	1.8	DST4
Zinesto	Z1902E	E3	NA	1.9	DST4
Zinesto	Z2002E	E3	NA	2.0	DST4

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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

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

### Soybeans Technologies

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E3	Enlist™ E3
LLGT27	LibertyLink® GT27®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMBV,SA	Cruisermass® Beans, Vibrance®, Salto®
DST4	Dominance 4 ST
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Salto®
EQV,Sa,Va	Equity VIP, Salto®, Vayantis
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
NLSB	NexLevel SB Elite and Marathon Extreme (Agri Partners)
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SA,A,R,G	Salto, Allegiance FL, Redigo 480, Gaucho 600
SF1	Stine XP F&I
SS+,SA	SoyShield Plus, Salto®

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