

2022 Soybeans Top 30 Region Summary for Minnesota South Conventional Specialty [MNSOCV]

All-Season Test
Maturity Group 1.4 - 2.3
S2022MNSOCV

Top 24 of 24

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	Austin	Lafayette	Lamberton	Nerstrand
ASGROW	AG18XF1 GC ↗	RXF	1.8	R	61.2	33.9	19.2	10.0	0	859	9	60.4	64.3	50.7	69.3
LEGACY	LS231-21C ↗	CONV	2.3	R	60.1	34.3	18.6	11.0	0	1000	1	57.2	61.3	51.9	69.9
STINE	14EE02 GC ↗	E3	1.4	R	58.2	34.5	19.3	9.9	0	817	13	53.6	61.9	47.3	69.8
PUBLIC - IOWA STATE	IAS19C3 ↗	CONV	1.9	MR	57.8	35.0	18.5	10.5	0	961	2	48.8	64.9	45.1	72.3
VIKING	2022N ↗	CONV	2.0	MR	57.4	33.8	19.1	9.8	0	955	3	50.5	61.2	49.7	68.2
PIONEER	P18A73E GC ↗	E3	1.8	NA	55.8	34.0	19.9	9.7	0	784	15	52.2	57.9	47.9	65.3
VIKING	2155N ↗	CONV	2.1	MR	55.2	34.6	18.5	10.5	0	918	4	51.5	55.8	45.3	68.0
VIKING	1718N ↗	CONV	1.7	MR	55.0	33.6	19.2	10.1	0	915	5	42.7	60.9	48.3	67.9
PIONEER	P21A20 ↗	CONV	2.1	R	53.1	36.3	18.1	10.1	1	883	6	50.1	53.7	47.0	61.5
VIKING	V1821 ↗	CONV	1.8	MR	52.8	34.2	18.7	9.9	0	879	7	54.5	57.7	44.0	55.0
LEGACY	LS187-21C ↗	CONV	1.8	R	52.0	35.6	17.6	10.7	0	865	8	41.7	58.3	45.2	62.6
VIKING	1518N ↗	CONV	1.5	MR	50.3	35.1	19.1	10.4	0	837	10	44.2	55.4	39.3	62.3
BRUSHVALE SEED	BS4977 GC ↗	CONV	1.7	NA	50.0	36.7	18.6	10.0	0	833	11	43.1	54.9	45.7	56.5
VIKING	1700N GC ↗	CONV	1.7	NA	49.1	36.4	18.3	9.0	0	817	12	43.1	53.5	45.3	54.5
LEGACY	LSX121-23C GC ↗	CONV	1.2	NA	47.3	36.9	19.2	10.0	0	786	14	48.4	43.9	43.9	52.9
LEGACY	LS155-21C GC ↗	CONV	2.5	NA	47.0	36.4	18.6	10.5	4	782	16	38.1	47.9	39.7	62.3
BRUSHVALE SEED	BS1146 GC ↗	CONV	1.2	R	47.0	37.1	18.5	10.3	0	782	17	43.0	49.3	41.0	54.6
PIONEER	P11A50 ↗	CONV	1.1	R	46.4	35.5	19.8	10.1	0	772	18	34.0	52.8	43.0	55.7
PIONEER	P15A20 ↗	CONV	1.5	R	45.9	34.9	18.8	10.1	0	763	19	35.8	52.6	40.7	54.4
GRAIN MILLERS	GSP 17 ↗	CONV	1.7	S	45.6	37.7	18.0	9.4	0	758	20	45.4	45.5	38.1	53.3
GRAIN MILLERS	GSP 23 ↗	CONV	2.0	S	45.2	36.4	18.5	9.6	2	752	21	31.3	44.7	43.7	61.1
SB&B FOODS	SB19 GC ↗	CONV	1.9	NA	44.9	35.3	18.6	10.1	1	747	22	37.2	47.4	35.4	59.6
SB&B FOODS	SB712 GC ↗	CONV	1.2	R	43.7	37.2	18.0	9.9	1	727	23	35.6	52.3	42.6	44.3
Legend	2180HP GC ↗	CONV	2.1	MR	42.6	36.3	18.3	9.7	1	710	24	30.4	45.9	43.0	51.2

Mark Querna

Averages =	51.0	35.5	18.7	10.0	1	829	44.8	54.3	44.3	60.5
LSD (0.10) =	3.9	0.5	0.4	0.5	2		5.1	3.0	3.6	3.4
LSD (0.25) =	2.0	0.3	0.2	0.2	1		2.7	1.6	1.9	1.8

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Prev. years average yield for region: 53.5 bu/a, 1 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$14.04; non-GMO = \$16.64

† 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

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Report Date: 10/17/2022 Revised: 12/08/2022 Protein and oil results added

2022 Soybeans - Minnesota South Conventional Specialty [MNSOCV]

All-Season Test Products (24 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG18XF1 GC	RXF	R	1.8	ACi,IL
Brushvale Seed	BS1146 GC	CONV	R	1.2	NA
Brushvale Seed	BS4977 GC	CONV	NA	1.7	NA
Grain Millers	GSP 17	CONV	S	1.7	Untreated
Grain Millers	GSP 23	CONV	S	2.0	Untreated
Legacy	LS155-21C GC	CONV	NA	2.5	DFender
Legacy	LS187-21C	CONV	R	1.8	DFender
Legacy	LS231-21C	CONV	R	2.3	DFender
Legacy	LSX121-23C GC	CONV	NA	1.2	Untreated
Legend	2180HP GC	CONV	MR	2.1	NA
Pioneer	P11A50	CONV	R	1.1	Untreated
Pioneer	P15A20	CONV	R	1.5	Untreated
Pioneer	P18A73E GC	E3	NA	1.8	Untreated
Pioneer	P21A20	CONV	R	2.1	Lum,Lu,IL
Public - Iowa State	IAS19C3	CONV	MR	1.9	AC,PV
SB & B Foods	SB19 GC	CONV	NA	1.9	NA
SB & B Foods	SB712 GC	CONV	R	1.2	NA
Stine	14EE02 GC	E3	R	1.4	SFI
Viking	1518N	CONV	MR	1.5	NA
Viking	1700N GC	CONV	NA	1.7	Treated
Viking	1718N	CONV	MR	1.7	NA
Viking	2022N	CONV	MR	2.0	NA
Viking	2155N	CONV	MR	2.1	NA
Viking	V1821	CONV	MR	1.8	NA

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

CONV	Conventional
E3	Enlist™ E3
RXF	Roundup Ready 2 XtendFlex®

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
AC,PV	Acceleron® Basic, Poncho/Votivo
DFender	DFender (Legacy Seeds)
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
SFI	Stine XP F&I
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.