

2022 Soybeans Top 30 Region Summary for Red River North North Dakota & Minnesota [RRNO]

All-Season Test

Maturity Group 00.7 - 0.4

Top 30 of 54

S2022RRNO

For Gross Income (Sorted by Yield), (6) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Donaldson REJECTED	East Grand Forks	Greenbush	Warren No Results
THUNDER	TX8304N ↗	RXF	0.4	R	44.1	32.7	18.5	10.2	0	579	1	42.1	45.3	42.9	
REA	R0422XF ↗	RXF	0.4	R	41.7	33.7	17.7	10.8	0	546	2	42.0	37.3	46.0	
HEFTY	H03XF3 ↗	RXF	0.3	R	41.0	33.8	17.8	10.5	0	538	3	44.6	41.0	40.9	
HEFTY	H009XF3 ↗	RXF	0.09	R	40.9	33.1	18.9	10.2	0	536	4	39.5	35.0	46.8	
ASGROW	AG01XF3 § ↗	RXF	0.1	R	40.8	32.6	18.1	10.5	0	535	5	45.4	35.9	45.7	
PROSEED	XF30-42N ↗	RXF	0.4	R	40.6	33.4	18.5	10.2	0	533	6	38.7	38.6	42.6	
NK BRAND	NK009-G7E3 ↗	E3	0.09	R	39.3	34.5	17.8	10.3	0	516	7	36.8	36.4	42.2	
NK BRAND	NK03-V5E3 § ↗	E3	0.3	R	38.8	34.8	18.2	10.7	0	508	8	35.9	29.3	48.3	
GOLDEN HARVEST	GH0363E3 ↗	E3	0.3	R	38.7	34.0	17.7	10.5	0	507	9	35.9	32.9	44.5	
LATHAM	L 0254 XF ↗	RXF	0.2	S	38.4	33.1	17.8	9.7	0	503	10	35.9	34.4	42.4	
PIONEER	P04A98E § ↗	E3	0.4	NA	38.4	31.2	18.1	11.0	0	503	11	35.9	31.9	44.8	
GOLDEN HARVEST	GH00973E3 ↗	E3	0.09	R	37.2	34.7	17.7	10.2	0	487	12	28.8	33.2	41.1	
PROSEED	EL30-13 ↗	E3	0.1	S	37.1	33.4	18.4	10.1	0	487	13	35.9	33.0	41.2	
CHANNEL	0122RXF ↗	RXF	0.1	S	36.9	33.4	18.4	9.9	0	483	14	35.9	33.2	40.5	
THUNDER	TX8203 ↗	RXF	0.3	S	36.7	32.7	17.8	9.9	0	481	15	28.8	32.1	41.2	
LATHAM	L 0136 E3 ↗	E3	0.1	S	36.4	33.2	18.5	10.3	0	477	16	35.9	32.9	39.8	
STINE	04EE06 § ↗	E3	0.4	R	36.1	34.1	18.0	10.6	0	473	17	35.9	29.4	42.8	
DAIRYLAND	DSR-0220E ↗	E3	0.2	R	36.0	31.6	17.6	10.5	0	471	18	35.9	27.5	44.4	
DAK-SOTA	DE5301 ↗	E3	0.1	S	35.9	33.2	17.9	10.1	0	471	19	35.9	30.2	41.7	
HEFTY	H01XF3 ↗	RXF	0.1	R	35.7	33.5	17.9	10.1	0	469	20	35.9	31.9	39.6	
ASGROW	AG04XF2 § ↗	RXF	0.4	R	35.7	33.0	18.2	10.9	0	468	21	42.6	32.1	39.3	
THUNDER	TE7101N ↗	E3	0.1	R	35.3	33.2	18.1	10.5	0	461	22	28.8	26.2	44.3	
CHANNEL	0423RXF ↗	RXF	0.4	R	35.2	33.8	17.7	10.4	0	461	23	42.6	33.3	37.0	
GOLDEN HARVEST	GH0213E3 § ↗	E3	0.2	R	35.0	33.2	17.6	10.8	0	458	24	28.8	27.2	42.7	
NK BRAND	NK04-G8E3 ↗	E3	0.4	R	34.7	35.5	17.4	10.4	0	456	25	35.9	33.2	36.3	
PROSEED	EL30-03N ↗	E3	0.1	R	34.5	33.6	18.3	10.3	0	452	26	35.9	27.2	41.8	
PROSEED	XF30-12 ↗	RXF	0.1	S	34.1	33.4	17.6	9.8	0	446	27	37.9	27.1	41.1	
DAIRYLAND	DSR-0645E ↗	E3	0.4	R	34.0	32.8	18.4	10.5	0	446	28	28.0	27.4	40.7	
STINE	01EA63 § ↗	E3	0.1	S	34.0	33.5	17.9	10.2	0	446	29	31.9	28.4	39.6	
DYNA-GRO	S01XF43 ↗	RXF	0.1	S	33.7	33.0	17.4	10.0	0	443	30	38.7	29.7	37.8	

Rejected due to dicamba drift damage

Lost to offsite herbicide drift damage

					Averages =	34.6	33.4	18.1	10.2	0	453	32.9	28.5	40.8	
					LSD (0.10) =	5.2	1.1	0.5	0.4	ns		4.8	5.9	3.0	
					LSD (0.25) =	2.7	0.6	0.3	0.2	ns		2.5	3.1	1.6	
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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$13.26

† 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.

2022 Soybeans - Red River North North Dakota & Minnesota [RRNO]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG007XF3 §	RXF	S	00.7	ACi
Asgrow	AG01XF3 §	RXF	R	0.1	ACi,IL
Asgrow	AG04XF2 §	RXF	R	0.4	ACi
Brevant	B0090EE §	E3	R	00.9	Untreated
Channel	0122RXF	RXF	S	0.1	ACi,IL
Channel	0423RXF	RXF	R	0.4	ACi,IL
Dairyland	DSR-0220E	E3	R	0.2	Lum,Lu,IL
Dairyland	DSR-0645E	E3	R	0.4	Lum,Lu,IL
Dak-Sota	DE5301	E3	S	0.1	TFI
Dak-Sota	DE5303	E3	S	0.3	TFI
Dyna-Gro	S01XF43	RXF	S	0.1	EQV,Sa,Va
Dyna-Gro	S02EN71	E3	R	0.2	EQV,Sa,Va
Golden Harvest	GH00973E3	E3	R	00.9	CMBV,SA
Golden Harvest	GH0213E3 §	E3	R	0.2	CMBV,SA
Golden Harvest	GH0272XF §	RXF	MR	0.2	CMBV,SA
Golden Harvest	GH0363E3	E3	R	0.3	CMBV,SA
Hefty	H008E1	E3	R	00.8	Untreated
Hefty	H008XF2	RXF	NA	00.8	Untreated
Hefty	H009XF2	RXF	NA	00.9	Untreated
Hefty	H009XF3	RXF	R	00.9	Untreated
Hefty	H01XF3	RXF	R	0.1	DST4
Hefty	H03XF3	RXF	R	0.3	DST4
Latham	L 00725 XF	RXF	S	00.7	SS+,SA
Latham	L 00839 E3	E3	R	00.8	SS+,SA
Latham	L 0136 E3	E3	S	0.1	SS+,SA
Latham	L 0254 XF	RXF	S	0.2	SS+,SA
Latham	L 0293 E3	E3	R	0.2	SS+,SA
Latham	L 0425 E3	E3	S	0.4	SS+,SA
NK Brand	NK009-G7E3	E3	R	00.9	CMBV,SA
NK Brand	NK02-T4E3	E3	R	0.2	CMBV,SA
NK Brand	NK03-V5E3 §	E3	R	0.3	CMBV,SA
NK Brand	NK04-G8E3	E3	R	0.4	CMBV,SA
Pioneer	P005A59E §	E3	NA	00.5	Lum,Lu,IL
Pioneer	P009T18E GC	E3	NA	00.9	Lum,Lu,IL
Pioneer	P04A98E §	E3	NA	0.4	Lum,Lu,IL
Proseed	EL30-03N	E3	R	0.1	CMBV
Proseed	EL30-13	E3	S	0.1	CMBV
Proseed	EL30-33	E3	S	0.3	CMBV
Proseed	XF30-082	RXF	S	00.8	CMBV
Proseed	XF30-12	RXF	S	0.1	CMBV
Proseed	XF30-42N	RXF	R	0.4	CMBV
REA	R0112XF	RXF	S	0.1	ACi

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
REA	R0422XF	RXF	R	0.4	ACi,IL
Stine	01EA63 §	E3	S	0.1	SFI
Stine	03EB02 §	E3	R	0.3	SFI
Stine	04EE06 §	E3	R	0.4	SFI
Thunder	TE7101N	E3	R	0.1	TFI
Thunder	TE7302N	E3	R	0.2	TFI
Thunder	TE7304N	E3	R	0.4	TFI
Thunder	TX8203	RXF	S	0.3	TFI
Thunder	TX8301	RXF	S	0.1	TFI
Thunder	TX8304N	RXF	R	0.4	TFI
Xitavo	XO 0101E	E3	MR	0.1	PV,IL,OB,Rey
Xitavo	XO 0213E	E3	S	0.2	PV,IL,OB,Rey

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
RXF	Roundup Ready 2 XtendFlex®

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® 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.)
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.