

2021 Soybeans Top 30 Performance Summary for Red River North North Dakota & Minnesota [RRNO]

All-Season Test

Maturity Group 00.7 - 0.4

Top 30 of 53

S2021RRNO

For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	East Grand Forks	Greenbush No Results	Hallock	Warren
THUNDER	SB8903N ↗	RRX	0.3	R	55.9	32.1	18.8	9.4	0	710	1	60.4		42.8	64.5
GOLDEN HARVEST	GH0443X ↗	RRX	0.4	MR	54.9	33.2	18.4	9.0	1	697	2	66.1		38.2	60.3
PROSEED	XT80-20N ↗	RRX	0.2	R	54.2	31.9	18.8	8.8	1	688	3	62.3		39.8	60.4
THUNDER	SB8104N ↗	RRX	0.4	R	53.8	32.0	19.2	9.3	1	683	4	62.4		39.7	59.1
HEFTY	H04X8 ↗	RRX	0.4	MR	53.6	33.4	19.1	9.3	0	681	5	61.8		40.6	58.3
STINE	03EB02 § ↗	E3	0.3	R	53.5	31.3	19.3	8.7	1	680	6	60.9		40.3	59.2
ASGROW	AG02X2 § ↗	RRX	0.2	R	53.2	33.3	18.7	8.8	0	676	7	65.0		36.0	58.4
LATHAM	L 0282 R2X ↗	RRX	0.2	R	53.1	31.6	18.8	8.7	1	675	8	61.2		38.5	59.7
PROSEED	EL90-33N ↗	E3	0.3	R	53.0	31.8	19.1	8.8	0	674	9	55.5		38.5	65.1
LATHAM	L 0124 R2X ↗	RRX	0.1	S	51.7	32.0	18.5	8.5	1	657	10	57.8		37.5	59.7
DAHLMAN	1201E3N ↗	E3	0.1	R	51.0	31.8	19.5	8.8	1	649	11	59.9		32.9	60.3
INNOTECH	IS0343E3 ↗	E3	0.3	MR	50.7	32.3	18.9	8.7	0	644	12	52.1		40.7	59.2
DYNA-GRO	S04XT91 ↗	RRX	0.4	MR	50.6	32.5	19.4	9.2	1	643	13	59.3		34.1	58.3
GOLDEN HARVEST	GH0145X ↗	RRX	0.1	S	50.4	31.9	19.2	8.6	1	640	14	57.3		36.8	56.9
CREDENZ	CZ 0419GTLL ↗	LLGT27	0.4	MR	50.2	34.6	19.0	9.4	1	638	15	50.8		38.4	61.5
DAIRYLAND	DSR-0645E ↗	E3	0.4	R	49.9	31.4	19.4	9.4	1	635	16	59.8		36.6	53.4
LATHAM	L 0438 R2X ↗	RRX	0.4	R	49.8	32.1	19.3	9.3	1	633	17	54.7		34.0	60.6
XITAVO	XO 0311E ↗	E3	0.3	MR	49.7	31.7	19.1	8.7	1	631	18	56.3		37.6	55.1
ASGROW	AG03X7 § ↗	RRX	0.3	R	49.1	32.7	18.8	8.7	1	625	19	57.3		33.2	56.9
LATHAM	L 0293 E3 ↗	E3	0.2	R	49.1	31.7	19.1	8.7	1	624	20	53.5		36.0	57.9
THUNDER	TX8203 ↗	RXF	0.3	S	49.1	32.2	19.0	8.8	1	624	21	56.0		36.5	54.8
LOYAL	L0140E ↗	E3	0.1	S	48.8	32.0	19.6	8.9	1	620	22	56.6		36.0	53.8
XITAVO	XO 0101E ↗	E3	0.1	MR	48.2	31.7	19.0	8.7	1	613	23	56.3		32.1	56.2
DAIRYLAND	DSR-0119E ↗	E3	0.2	S	48.1	30.6	19.8	8.7	0	611	24	63.6		29.6	51.0
GOLDEN HARVEST	GH0325E3 GC ↗	E3	0.3	MR	47.9	31.4	19.4	8.7	1	609	25	58.7		34.8	50.2
GOLDEN HARVEST	GH0272XF § ↗	RXF	0.2	MR	47.4	32.0	19.5	8.6	1	603	26	56.3		30.4	55.5
BREVANT	B019EE GC ↗	E3	0.1	S	47.1	30.6	19.8	8.7	1	599	27	59.5		29.8	52.0
DYNA-GRO	S02EN71 ↗	E3	0.2	R	47.0	32.4	18.8	10.0	1	597	28	52.2		25.4	63.4
LATHAM	L 0425 E3 ↗	E3	0.4	S	46.8	33.0	18.6	10.4	1	595	29	53.7		30.5	56.2
LATHAM	L 0254 XF ↗	RXF	0.2	S	46.6	31.9	19.4	8.5	1	593	30	51.3		37.1	51.4

Lost to severe drought

			Averages =	47.9	32.0	19.3	8.9	1	608		55.3		33.6	54.7	
			LSD (0.10) =	3.7	0.7	0.5	0.5	ns				6.4		5.1	6.8
			LSD (0.25) =	2.0	0.4	0.3	0.3	ns				3.3		2.7	3.5
Luke Brendemuhl luke.brendemuhl@firstseedtests.com, (218) 790-4497											Prev. years average yield for region: 37.71 bu/a, 5 yr(s)				

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$12.72

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com *There were 2 reps for the site.

2021 Soybeans - Red River North North Dakota & Minnesota [RRNO]

All-Season Test Products (53 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG008X1 §	RRX	R	00.8	ACi
Asgrow	AG02X2 §	RRX	R	0.2	ACi
Asgrow	AG03X7 §	RRX	R	0.3	ACi
Brevant	B019EE GC	E3	S	0.1	Untreated
Credenz	CZ 0419GTLL	LLGT27	MR	0.4	PV,IL,OB
Dahlman	1102E3N	E3	R	0.2	Treated
Dahlman	1201E3N	E3	R	0.1	Treated
Dairyland	DSR-0119E	E3	S	0.2	Lum,IL
Dairyland	DSR-0645E	E3	R	0.4	Lum,IL
Dyna-Gro	S009XT68	RRX	S	00.9	EQV,SA
Dyna-Gro	S02EN71	E3	R	0.2	EQV,SA
Dyna-Gro	S04XT91	RRX	MR	0.4	EQV,SA
Golden Harvest	GH00833E3 GC	E3	MR	00.8	CMBV,SA
Golden Harvest	GH00982XF	RXF	MR	00.9	CMBV,SA
Golden Harvest	GH0145X	RRX	S	0.1	CMBV,SA
Golden Harvest	GH0272XF §	RXF	MR	0.2	CMBV,SA
Golden Harvest	GH0294E3 GC	E3	S	0.2	CMBV,SA
Golden Harvest	GH0325E3 GC	E3	MR	0.3	CMBV,SA
Golden Harvest	GH0443X	RRX	MR	0.4	CMBV,SA
Hefty	H008E1	E3	R	00.8	DST4,SA
Hefty	H009XF2	RXF	NA	00.9	DST4,SA
Hefty	H01X0	RRX	S	0.1	DST4,SA
Hefty	H02E1	E3	R	0.2	DST4,SA
Hefty	H04X8	RRX	MR	0.4	DST4,SA
Innotech	IS0156E3	E3	S	0.1	Fortify
Innotech	IS0343E3	E3	MR	0.3	Fortify
Latham	L 00839 E3	E3	R	00.8	SS+
Latham	L 0124 R2X	RRX	S	0.1	SS+,SA
Latham	L 0225 E3	E3	S	0.2	SS+
Latham	L 0254 XF	RXF	S	0.2	SS+,SA
Latham	L 0282 R2X	RRX	R	0.2	SS+
Latham	L 0293 E3	E3	R	0.2	SS+
Latham	L 0425 E3	E3	S	0.4	SS+
Latham	L 0438 R2X	RRX	R	0.4	SS+
Loyal	L0140E	E3	S	0.1	CMBV,SA
NK Brand	NK009-T1XF §	RXF	MR	00.9	CMBV,SA
NK Brand	NK02-M4XF	RXF	MR	0.2	CMBV,SA
NK Brand	NK04-G8E3 §	E3	R	0.4	CMBV,SA
Proseed	EL90-33N	E3	R	0.3	CMBV
Proseed	XF10-092N	RXF	R	00.9	CMBV
Proseed	XT80-20N	RRX	R	0.2	CMBV
Stine	003EB62 §	E3	R	00.3	NA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Stine	03EB02 §	E3	R	0.3	SFI
Thunder	SB8001	RRX	S	0.1	AM
Thunder	SB8104N	RRX	R	0.4	AM
Thunder	SB88007N	RRX	R	00.7	AM
Thunder	SB8903N	RRX	R	0.3	AM
Thunder	TE71008N	E3	R	00.8	AM
Thunder	TE7101N	E3	R	0.1	AM
Thunder	TX82008N	RXF	R	00.8	AM
Thunder	TX8203	RXF	S	0.3	AM
Xitavo	XO 0101E	E3	MR	0.1	PV,IL,OB
Xitavo	XO 0311E	E3	MR	0.3	PV,IL,OB

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®
RRX	Roundup Ready 2 Xtend®
RXF	Roundup Ready 2 XtendFlex®

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
AM	ApronMaxx
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
DST4,SA	Dominance 4 ST,Saltro®
EQV,SA	Equity VIP, Saltro®
Fortify	Insecticide-Fungicide (Rob-See-Co)
Lum,IL	LumiGEN™ plus ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SF1	Stine XP F&I
SS+	SoyShield Plus
SS+,SA	SoyShield Plus, Saltro®
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.