

2020 Soybeans Top 30 Performance Summary for Red River North North Dakota & Minnesota [RRNO]

All-Season Test

0.4 - 0.7 Day CRM

Top 30 of 58

S2020RRNO

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	Cavalier	Donaldson * REJECTED	East Grand Forks	Warren
THUNDER	SB87009	RRX	0.09	S	42.9	34.7	17.3	9.7	0	405	1	48.0	8.8	46.0	34.7
GOLDEN HARVEST	GH0325E3 §	E3	0.3	MR	41.7	33.3	17.6	10.0	0	394	2	49.0	12.2	43.8	32.4
THUNDER	TE7003N	E3	0.3	R	41.6	33.4	17.8	10.0	0	392	3	47.6		45.1	32.1
ASGROW	AG008X1 §	RRX	0.08	R	41.2	33.4	18.5	9.8	0	388	4	44.6		47.2	31.6
NK BRAND	S03-E3	E3	0.3	MR	41.0	33.7	17.7	10.1	0	387	5	48.0		45.8	29.3
LATHAM	L 0293 E3	E3	0.2	R	40.7	33.4	17.6	10.2	0	384	6	47.4		44.0	30.8
PROSEED	EL90-33N	E3	0.3	R	40.6	33.3	17.6	10.0	0	383	7	48.3		42.6	30.9
STINE	03EB02 §	E3	0.3	R	40.4	33.6	17.6	10.3	0	381	8	49.2		40.9	31.2
APEX	AE0300	E3	0.3	R	40.3	33.5	17.9	10.3	0	379	9	46.6		43.9	30.2
GENESIS	G0340E	E3	0.3	R	40.1	33.5	17.6	10.0	0	378	10	47.5		42.4	30.3
LOYAL	L0320E	E3	0.3	R	40.1	33.5	17.6	10.1	0	378	11	46.1		42.5	31.6
ASGROW	AG02X8 §	RRX	0.2	S	40.1	34.4	17.8	9.9	0	378	12	46.9		41.2	32.0
THUNDER	ASTRO	RR2Y	0.08	S	39.8	33.7	17.7	10.4	0	376	13	46.6		42.5	30.4
STINE	01EA63 §	E3	0.1	S	39.7	34.4	17.2	10.0	1	375	14	47.4		41.0	30.7
DYNA-GRO	S04XT91	RRX	0.4	MR	39.7	33.8	17.4	10.8	0	374	15	45.0		41.5	32.5
ZINESTO	Z0200E	E3	0.2	R	39.6	33.6	17.3	10.4	0	374	16	46.3	18.4	41.9	30.6
THUNDER	SB8104N	RRX	0.4	R	39.6	33.9	17.5	10.6	0	373	17	43.7		42.4	32.5
DAHLMAN	6903XN	RRX	0.3	R	39.5	33.6	17.6	9.6	0	373	18	46.5		41.8	30.3
DYNA-GRO	S009XT68	RRX	0.09	S	39.3	34.2	17.3	9.6	0	371	19	40.4		44.7	32.9
LATHAM	L 0225 E3	E3	0.2	S	39.3	33.8	17.6	9.9	0	371	20	46.2		43.0	28.7
HEFTY	H01X0	RRX	0.1	S	39.0	34.7	18.2	9.7	0	368	21	48.1	17.1	41.0	27.8
LATHAM	L 0124 R2X	RRX	0.1	NA	38.6	34.0	17.0	9.5	0	364	22	41.7		40.8	33.4
NK BRAND	S02-E3	E3	0.2	S	38.3	33.9	17.9	9.8	0	361	23	43.6		42.2	29.0
NORTHSTAR	NS 90334E3	E3	0.3	S	38.1	34.0	18.5	9.7	1	360	24	44.3		41.6	28.6
THUNDER	TE71008N	E3	0.08	R	38.1	33.1	18.0	9.7	0	359	25	46.7		40.5	27.1
NORTHSTAR	NS 90094E3	E3	0.1	S	38.1	33.3	18.4	11.2	0	359	26	45.2		42.0	27.1
DAHLMAN	6004XN	RRX	0.4	MR	38.1	34.2	17.7	10.8	0	359	27	41.8		40.5	31.9
NORTHSTAR	NS 60264NXR2	RRX	0.2	MR	37.9	33.8	18.4	9.6	1	358	28	42.6		42.5	28.6
DYNA-GRO	S03XT29	RRX	0.3	R	37.9	33.8	17.5	9.6	1	357	29	43.7	10.5	43.2	26.7
PROSEED	EL 80-093	E3	0.09	S	37.8	32.9	18.5	9.7	0	357	30	43.8	5.1	43.1	26.6

Rejected due to water damage and variability

Averages =	37.5	33.8	17.8	10.3	1	354	43.7	9.3	41.0	27.9
LSD (0.10) =	3.5	0.6	0.4	1.0	1		3.6	4.2	2.3	4.2
LSD (0.25) =	1.9	0.3	0.2	0.5	0		1.9	2.2	1.2	2.2

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Prev. years average yield for region: 38.6 bu/a, 4 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$9.43

† 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. *There were 2 reps for the site.

2020 Soybeans - Red River North North Dakota & Minnesota [RRNO]

All-Season Test Products (58 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE0300	E3	R	0.3	CMBV,SA
ASGROW	AG007X0 §	RRX	R	00.7	NA
ASGROW	AG008X1 §	RRX	R	00.8	NA
ASGROW	AG02X8 §	RRX	S	0.2	NA
CREDENZ	CZ 0309GTLL	LLGT27	MR	0.3	PV,IL,OB
CREDENZ	CZ 0419GTLL	LLGT27	MR	0.4	PV,IL,OB
CREDENZ	CZ 0590GTLL	LLGT27	R	0.5	PV,IL,OB
DAHLMAN	1102E3N	E3	R	0.2	IS
DAHLMAN	6004XN	RRX	MR	0.4	Untreated
DAHLMAN	6903XN	RRX	R	0.3	Untreated
DYNA-GRO	S009XT68	RRX	S	00.9	EQV,SA
DYNA-GRO	S03XT29	RRX	R	0.3	EQV,SA
DYNA-GRO	S04XT91	RRX	MR	0.4	EQV,SA
GENESIS	G0340E	E3	R	0.3	CMBV,SA
GOLDEN HARVEST	GH00833E3	E3	MR	00.8	CMBV,SA
GOLDEN HARVEST	GH0145X	RRX	S	0.1	CMBV,SA
GOLDEN HARVEST	GH0325E3 §	E3	MR	0.3	CMBV,SA
GOLDEN HARVEST	GH0443X	RRX	MR	0.4	CMBV,SA
HEFTY	H006X0	RRX	R	00.6	HCS
HEFTY	H008E1	E3	R	00.8	HCS
HEFTY	H01X0	RRX	S	0.1	HCS
HEFTY	H02E1	E3	R	0.2	HCS
HEFTY	H04E8	E3	S	0.4	HCS
HEFTY	H04X0	RRX	R	0.4	HCS
LATHAM	L 0124 R2X	RRX	NA	0.1	SS+
LATHAM	L 0225 E3	E3	S	0.2	SS+
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	L0320E	E3	R	0.3	CMBV,SA
NK BRAND	S007-Y4 §	RR2Y	S	00.5	CMBV,SA
NK BRAND	S008-E3	E3	MR	00.8	CMBV,SA
NK BRAND	S01-C4X §	RRX	S	0.1	CMBV,SA
NK BRAND	S02-E3	E3	S	0.2	CMBV,SA
NK BRAND	S02-F9X	RRX	S	0.2	CMBV,SA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
NK BRAND	S03-E3	E3	MR	0.3	CMBV,SA
NK BRAND	S03-S6X	RRX	S	0.3	CMBV,SA
NK BRAND	S04-Q7X	RRX	MR	0.4	CMBV,SA
NORTHSTAR	NS 60264NXR2	RRX	MR	0.2	NA
NORTHSTAR	NS 90094E3	E3	S	0.1	NA
NORTHSTAR	NS 90334E3	E3	S	0.3	NA
PROSEED	EL 80-093	E3	S	00.9	NA
PROSEED	EL90-33N	E3	R	0.3	NA
PROSEED	XT20-07	RRX	R	0.1	NA
PROSEED	XT80-20N	RRX	R	0.2	NA
STINE	01EA63 §	E3	S	0.1	NA
STINE	03EB02 §	E3	R	0.3	NA
THUNDER	ASTRO	RR2Y	S	00.8	NA
THUNDER	SB8001	RRX	S	0.1	NA
THUNDER	SB8104N	RRX	R	0.4	NA
THUNDER	SB87009	RRX	S	00.9	NA
THUNDER	SB8903N	RRX	R	0.3	NA
THUNDER	TE7003N	E3	R	0.3	NA
THUNDER	TE71008N	E3	R	00.8	NA
THUNDER	TE7101N	E3	R	0.1	NA
ZINESTO	Z0200E	E3	R	0.2	NA
ZINESTO	Z0400G	LLGT27	S	0.4	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*

E3	Enlist™ E3
LLGT27	LibertyLink® GT27®
RR2Y	Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®

Soybeans Seed Treatments**

NA	Not Available
CMBV,SA	Cruisermaxx, Vibrance, Saltro
EQV,SA	Equity VIP, Saltro
HCS	Hefty Complete Soybeans
IS	INTEGO® Suite
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SS+	SoyShield Plus
Untreated	No seed treatment

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