

Test by: Southern MN FIRST New Richland, MN

2021 Soybeans Top 30 Harvest Report

Minnesota South Conventional Specialty [MNSOCV]
NERSTRAND, MN

Wheeling Grain Partnership, Keith, Kurt and Brian Schrader,
Rice County, MN 55053

All-Season Test	1.4 - 2.3 Day CRM S2021MNSOCV01
Top 12 of 12	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Corn / Surestart Ii, Halex Gt
SOIL DESCRIPTION:	Littleton silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	medium P, high K, 6.4 pH, 4.7% OM, 19.3 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Zidua Pro, Flexstar, Volunteer
FERTILITY - Applied N:	11 Spring
Applied N-P-K (units):	11-52-120
SEEDED - RATE - ROW:	May 8 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 11 122.3 /A


TEST COMMENTS:

Planted here on May 8 after vertical tillage in corn stalks in a nice seedbed. Seed sat in the ground for 10 days before any rainfall for germination. Rains were just enough all year here. The field was sprayed conventionally, and control was quite good. Pests were not a problem. Plants were tall, and some varieties fell over (see the lodging scores). Temperatures were warm all season and the chart on page 3 of this report shows this site received almost normal rainfall during the growing season.

Report Date: 10/12/2021

Additional reports available at www.firstseedtests.com

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Viking	1700N ↗	CONV	1.7	NA	75.7	10.3	0	122.0	1098	1
Viking	2100N ↗	CONV	2.1	NA	74.0	10.4	0	122.5	1073	2
NK Brand	S20-G7 ↗	CONV	2.0	S	71.9	11.0	0	122.5	1043	3
Sb&B Foods	SB187 ↗	CONV	1.8	NA	69.9	11.4	10	122.8	1014	4
Virtue	V1821-A ↗	CONV	1.8	NA	69.5	10.4	0	124.0	1008	5
Viking	V1821 ↗	CONV	1.8	MR	67.5	10.2	0	122.8	979	6
Virtue	V1621 ↗	CONV	1.6	NA	66.5	10.4	0	123.3	964	7
Viking	2188AT12N ↗	CONV	2.4	MR	60.9	10.9	28	120.3	883	8
Proseeds	SKYLINE ↗	CONV	1.1	R	59.6	11.7	7	125.5	864	9
Sevita	CANDOR ↗	CONV	1.9	NA	59.4	11.8	9	122.0	861	10
Sb&B Foods	SB1270 ↗	CONV	1.2	NA	58.9	11.7	13	120.8	854	11
Sb&B Foods	SB19 ↗	CONV	1.9	NA	57.8	11.5	18	119.8	838	12

	Averages =	66.0	10.9	7	122.3	957
	LSD (0.10) =	5.8	0.2	7		
	LSD (0.25) =	3.0	0.1	4		
	C.V. =	9.5				
						Historic yield: 65.82 bu/a, 4 yr(s)

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$12.50; non-GMO = \$14.50

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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Weather Conditions Summary at NERSTRAND, MN

FIX WEATHER!!!!

* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes.
For information purposes only.

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All-Season Test Products (12 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
NK Brand	S20-G7	CONV	S	2.0	Untreated
Proseeds	SKYLINE	CONV	R	1.1	Untreated
Sb&B Foods	SB1270	CONV	NA	1.2	Untreated
Sb&B Foods	SB187	CONV	NA	1.8	Treated
Sb&B Foods	SB19	CONV	NA	1.9	Untreated
Sevita	CANDOR	CONV	NA	1.9	Untreated
Viking	1700N	CONV	NA	1.7	Untreated
Viking	2100N	CONV	NA	2.1	Untreated
Viking	2188AT12N	CONV	MR	2.4	Untreated
Viking	V1821	CONV	MR	1.8	Untreated
Virtue	V1621	CONV	NA	1.6	Treated
Virtue	V1821-A	CONV	NA	1.8	Treated

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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
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Soybeans Seed Treatments*

NA	Not Available
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.