

Test by: FIRST, SD

2024 Soybeans Top 30 Harvest Report

South Dakota Northeast [SDNE] WEBSTER, SD
Fred Zenk, Day County, SD 57274

All-Season Test	Maturity Group 1.0 - 1.7 S2024SDNE02
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine, Laudis, Zidua, Ams
SOIL DESCRIPTION:	Nutley-Sinai silty clay, well drained, non-irrigated
SOIL CONDITION:	low P, medium K, 7.0 pH, 4.8% OM, 23.5 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Liberty, Roundup Powermax, Nis, Ams
FERTILITY - Applied N:	0
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 16 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 14 123.1 /A

TEST COMMENTS:

This trial received 35" of moisture from April 25th to August 15th. Due to the excess rainfall, the trial was planted in less-than-ideal conditions and very late. Despite the excess moisture and some thinner stands, the trial yielded on par with area fields. Most of one replicate was removed accidentally by a custom harvester.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Apex	AE1350 ↗	E3	1.3	M	45.8	10.4	0	123.7	447	1
Genesis	G1290E ↗	E3	1.2	M	42.7	10.4	0	126.0	416	2
Stine	13EG23 § ↗	E3	1.3	M	40.0	10.5	0	121.3	390	3
Fortus	1502E ↗	E3	1.5	M	40.0	10.5	0	126.0	390	4
Xitavo	XO 1632E ↗	E3	1.6	M	39.8	10.4	0	126.0	388	5
Xitavo	XO 1095E ↗	E3	1.0	M	39.1	10.4	0	126.0	381	6
Dairyland	DSR-1345E ↗	E3	1.3	M	38.9	10.4	0	126.0	379	7
Golden Harvest	GH1194E3 § ↗	E3	1.1	M	38.8	10.5	0	126.0	378	8
Stine	17EE32 § ↗	E3	1.7	M	38.6	10.5	0	126.0	376	9
Renk	RS155NXF ↗	RXF	1.5	M	38.6	10.6	0	126.0	376	10
Xitavo	XO 1404E ↗	E3	1.4	M	38.5	10.4	0	126.0	375	11
Fortus	1385E ↗	E3	1.3	M	38.4	10.3	0	126.0	374	12
Thunder	TE7415N ↗	E3	1.5	PK	38.4	10.4	0	123.7	374	13
Dahlman	7213XF ↗	RXF	1.3	M	38.3	10.4	0	119.0	372	14
Dairyland	DSR-1654E ↗	E3	1.6	M	37.4	10.4	0	126.0	365	15
Dak-Sota	DE5117 ↗	E3	1.7	M	37.0	10.4	0	126.0	361	16
Stine	10EG20 § ↗	E3	1.0	M	36.7	10.3	0	119.0	358	17
Asgrow	AG10XF4 § ↗	RXF	1.0	R	36.7	10.4	0	121.3	358	18
Apex	AE1250 ↗	E3	1.2	M	36.2	10.4	0	126.0	352	19
Jacobsen	J1464E3 ↗	E3	1.4	PK	35.9	10.3	0	126.0	350	20
Thunder	TX8417N ↗	RXF	1.7	M	35.7	10.6	0	119.0	348	21
Genesis	G1260E ↗	E3	1.2	M	35.7	10.3	0	123.7	348	22
Dak-Sota	DE5514 ↗	E3	1.4	PK	35.6	10.5	0	122.5	347	23
Dahlman	7515XF ↗	RXF	1.5	M	35.3	10.4	0	126.0	344	24
Genesis	G1560E ↗	E3	1.5	R	35.3	10.5	0	122.5	343	25
Golden Harvest	GH1534E3S § ↗	E3,ST	1.5	PK	35.1	10.3	0	126.0	341	26
Dak-Sota	DE5215 ↗	E3	1.5	M	34.7	10.4	0	126.0	338	27
Thunder	TX8412N ↗	RXF	1.2	M	34.7	10.4	0	123.7	338	28
Thunder	TE7510N ↗	E3	1.0	M	34.7	10.0	0	126.0	337	29
Dak-Sota	DE5412 ↗	E3	1.2	PK	34.6	10.5	0	116.7	337	30

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Averages = **35.2** **10.4** **123.1** **342**

LSD (0.10) = 5.2 ns ns

LSD (0.25) = 2.7 ns ns

C.V. = 14.0

Historic yield: 45.84 bu/a, 18 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$9.75

Report Date: 10/15/2024

† 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

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