

2024 Sanilac County Soybean Variety Trial  
Central Early RR Trial

\*\*Preliminary Data\*\*

Row spacing 15" 3 replications/entry Soil type: Parkhill Loam Previous Crop: Corn

<https://www.canr.msu.edu/varietytrials/soybean/>

Cooperator: Gerstenberger Farms, Inc.

Plant Date: 5/15/2024 Harvest Date: 10/12/24

Pre-emerge: 1.5 lbs./A Lorox, 24 oz./A Medal II

Post-emerge: Conventional trials: 32 oz./A Basagran, Tapout 32 oz./A

Roundup Ready: 24 oz./A Glyphosate

BRAND	VARIETY	Mat	Herb	Bu/Acre	Moisture	Test Wt	Height	Lodging	Phyto	SCN
DF Seeds	DF 3105 N E3	1	E3	64.9	10.8	56.9	37.0	1.0	1c, 3a	R
DF Seeds	DF 3114 N E3	1.1	E3	65.8	10.8	56.5	35.7	1.7		R
DF Seeds	DF 3115 N E3	1.1	E3	<b>82.7</b>	10.8	57.7	32.0	1.3	1k, 3a	R
DF Seeds	DF 3125 N E3	1.2	E3	70.1	9.9	55.4	40.0	1.7	1c, 3a	R
DF Seeds	DF 3135 N E3	1.3	E3	71.9	9.2	54.6	34.3	1.3	1k	R
DF Seeds	DF 3144 N E3	1.4	E3	<b>80.6</b>	9.8	55.9	32.0	2.0	3a	R
DF Seeds	DF 3165 N E3	1.6	E3	<b>81.0</b>	10.2	56.4	36.0	1.7		R
DF Seeds	DF 3194 N E3	1.9	E3	70.0	10.2	57.1	38.7	1.3	1k	R
DF Seeds	DF 3211 N E3	2.1	E3	<b>83.2</b>	9.6	55.7	38.3	1.0	1k	R
DF Seeds	DF 3225 N E3	2.2	E3	75.6	10.5	57.7	36.7	1.0	1k, 3a	R
DONMARIO	DM22E64	2.2	E3	61.4	9.3	55.2	36.3	1.7	1k	
Dyna-Gro	S18EN35	1.8	E3	79.1	10.5	57.4	37.3	1.0	1k	R
Dyna-Gro	S20EN84	2	E3	67.1	9.5	55.2	38.3	1.0	1k	R
Dyna-Gro	S21EN81	2.1	E3	77.0	10.1	57.5	36.3	1.3	1k	R
FS HiSOY	HS 13E40	1.3	E3	70.8	10.3	57.8	38.0	2.0	1c, 3a	R
FS HiSOY	HS 18E30	1.8	E3	<b>80.4</b>	10.5	57.1	35.7	1.0	1k	R
FS HiSOY	HS 20E40	2	E3	69.8	9.7	56.3	37.0	1.7	3a	R
Golden Harvest	GH1614E3	1.6	Enlist	<b>79.5</b>	10.0	55.9	34.7	1.0	1c, 3a	R1,MR3,MR5
Golden Harvest	GH1922E3	1.9	Enlist	77.7	10.2	57.5	37.7	1.0	1k	R3,MR14
Golden Harvest	GH1973E3S	1.9	Enlist	<b>80.7</b>	10.0	56.0	34.0	1.0	1k	MR1,MR3,MR5
Golden Harvest	GH2292E3	2.2	Enlist	<b>79.3</b>	9.5	55.7	36.3	1.0	1c	MR3
Legacy Seeds	L1860E	1.8	E3	<b>*86.3</b>	10.2	57.6	36.7	1.0	1k	R1,R5
Legacy Seeds	L2130E	2	E3	77.6	10.0	57.0	37.0	1.0	3a	R1,R5
Legacy Seeds	L2160E	2.1	E3	73.4	9.6	54.9	40.3	1.0	1a, 3a	R3,MR14
M&W Seeds	M&W 18E89	1.8	E3	78.7	9.0	53.6	35.7	1.0	1k	
M&W Seeds	M&W 20E71	2	E3	73.8	10.8	58.5	39.3	1.0		R3,MR14
MSU	E21366GTHO	2.2	RR1	60.0	10.4	58.6	34.0	1.3		R
MSU	E21409-2GT	1.7	RR1	77.0	11.0	57.7	38.0	1.3		
NK Seeds	NK14-U5E3	1.4	Enlist	73.8	10.3	56.2	36.0	1.0	1c, 3a	R
NK Seeds	NK16-Z6E3	1.6	Enlist	<b>79.6</b>	10.7	56.9	35.7	1.0	1c, 3a	R
NK Seeds	NK18-R4E3	1.8	Enlist	75.4	10.9	58.5	34.7	1.3	1k, 3a	MR
NK Seeds	NK19-T8E3	1.9	Enlist	<b>85.1</b>	9.9	55.9	33.0	1.3	1k	R
NK Seeds	NK21-C2E3	2.1	Enlist	75.5	9.8	56.1	35.7	1.3	1c	MR
Renk Seed	GENESIS G1950E	1.9	E3	74.2	9.2	56.8	32.7	1.0		R
Renk Seed	GENESIS G1980E	1.9	E3	<b>84.6</b>	10.1	56.4	35.3	1.0	1k	R
Renk Seed	GENESIS G2150E	2.1	E3	77.3	9.5	55.8	34.3	1.0	1k	R
Renk Seed	GENESIS G2180E	2.1	E3	74.6	10.5	55.7	39.0	1.0	1a, 3a	R
Renk Seed	RENK RS194NXF	1.9	XF	<b>83.3</b>	10.2	59.2	34.3	1.0		R
Xitavo	XO 1404E	1.4	E3	64.7	10.1	56.6	38.3	1.3	1c	MR
Xitavo	XO 1545E	1.5	E3	76.2	10.4	57.0	31.0	1.0	1c, 3a	MR
Xitavo	XO 1971E	1.9	E3	78.3	10.0	58.1	30.7	1.0		MR
Xitavo	XO 2075E	2	E3	<b>81.2</b>	10.8	57.6	37.0	1.0	3a	R
Xitavo	XO 2181E	2.1	E3	77.9	10.2	58.1	32.0	1.0	1k	MR
<b>GRAND MEAN</b>				<b>75.8</b>	<b>10.1</b>	<b>56.7</b>	<b>35.9</b>	<b>1.2</b>		
<b>Max.</b>				<b>86.3</b>	<b>11.0</b>	<b>59.2</b>	<b>40.3</b>	<b>2.0</b>		
<b>Min.</b>				<b>60.0</b>	<b>9.0</b>	<b>53.6</b>	<b>30.7</b>	<b>1.0</b>		
<b>LSD (0.05)</b>				<b>9.0</b>	<b>1.2</b>	<b>2.4</b>	<b>3.5</b>	<b>0.6</b>		
<b>CV (%)</b>				<b>7.0</b>	<b>6.7</b>	<b>2.5</b>	<b>5.8</b>	<b>27.3</b>		

\* High yield in trial  
Top 1/3 of trial is bold

Lodging score 1-5 (1 is all upright, 5 is all down)  
There was very little lodging at the location