

2024 Sanilac County Soybean Variety Trial  
Central Conventional 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
Albert Lea	15B5	1.5	Conv	66.8	9.9	57.9	37.0	1.7		R
Albert Lea	1718N	1.7	Conv	69.9	16.3	54.2	37.7	1.0		MR
Albert Lea	19B5	1.9	Conv	74.2	11.0	57.1	40.0	2.0		MR
Albert Lea	2155N	2.1	Conv	*82.8	11.5	58.8	41.7	2.3		MR
Benson Hill	e17Y993	1.7	Conv	73.2	11.1	57.9	35.7	1.7		R
Benson Hill	e1993	1.9	Conv	69.2	10.2	56.9	38.0	1.7	1k	R
Benson Hill	e21Y989	2.1	Conv	69.1	10.4	56.9	36.7	1.0		R
Benson Hill	N23D217	2.3	Conv	66.7	11.1	58.1	44.0	2.7		R
DF Seeds	DF 151 N	1.5	Conv	81.3	10.7	58.3	39.0	2.0	1k	R
DF Seeds	DF 155 F	2.5	Conv	72.4	10.6	58.9	39.0	2.7	1k	S
DF Seeds	DF 174 N	1.7	Conv	64.8	11.0	56.3	37.0	2.0	1c	R
DF Seeds	DF 184 N	1.8	Conv	68.4	10.2	54.9	36.0	2.0	1k	R
DF Seeds	DF 193 N F	1.9	Conv	65.4	9.7	55.8	37.7	3.3	1k	R
DF Seeds	DF 204 N	2	Conv	79.8	10.1	56.7	39.0	1.7	1c	R
DF Seeds	DF 205 N F	2	Conv	65.8	10.8	57.7	40.7	2.7		R
DF Seeds	DF 214 N	2.1	Conv	74.9	10.8	58.7	40.7	1.0	1c	R
DF Seeds	DF 234 N	2.3	Conv	75.5	9.7	54.6	41.7	1.7	1k	R
DF Seeds	DF 260 N	2.6	Conv	80.6	10.4	55.4	39.0	2.3	1k	R
DF Seeds	DF 262 N F	2.6	Conv	68.4	11.8	56.8	39.3	2.3	1k	R
FS HiSOY	HS 15C00	1.5	Conv	80.9	10.3	57.2	38.0	2.0	1k	R
FS HiSOY	HS 19C20	1.9	Conv	75.8	11.0	57.6	35.0	1.3	1k	R
FS HiSOY	HS 28C20	2.8	Conv	82.3	10.5	58.8	40.0	2.7	1c	R
Iowa State University	IAS25C2	2.5	Conv	68.9	11.1	58.5	41.3	2.0		
Iowa State University	IAS27C1	2.7	Conv	73.4	9.9	56.2	46.0	3.3		
Jackson Seed Service	S12-J7	1.2	Conv	64.2	11.6	56.5	35.3	2.0		R
Jackson Seed Service	S16-B8	1.6	Conv	60.4	10.8	57.2	36.7	1.7		R
Jackson Seed Service	S20-G7	2	Conv	64.1	11.0	57.6	45.3	2.0		
Jackson Seed Service	S23-T5	2.3	Conv	60.6	10.1	57.1	39.0	1.0		R
Jackson Seed Service	Silverline EE2101330	2.5	Conv	64.9	10.1	57.1	38.3	2.3		R
MSU	E11128T	2.5	Conv	58.8	11.9	58.7	38.3	3.0		R
MSU	E13268	1.7	Conv	70.7	10.5	56.3	40.0	1.7	1c	
MSU	E15165T	2	Conv	68.4	11.1	57.2	40.7	4.0	1c	R
MSU	E15345	2.7	Conv	74.0	10.9	57.3	41.7	4.3		R
MSU	E15351	1.8	Conv	61.9	10.8	57.0	41.7	2.3	1c	MR
MSU	E17283	2.7	Conv	76.0	11.6	57.8	40.0	3.7	1k	R
MSU	E18331-34HO	2.9	Conv	58.3	10.9	53.9	34.7	2.0		
MSU	E18610T	2.4	Conv	67.7	10.8	57.8	37.0	4.3		MR
MSU	E18638T	2	Conv	69.3	11.0	58.5	39.7	2.3		MR
MSU	E19314T	1.6	Conv	68.7	11.1	57.3	37.0	2.0	1k,3a	R
MSU	E20026	2.2	Conv	79.2	10.3	56.7	41.3	2.3	1k, 6	R
MSU	E20078	1.7	Conv	74.9	10.7	57.0	44.7	2.0	1a	R
MSU	E20195HO	2.6	Conv	65.9	11.4	58.1	34.3	1.0	R to race 1	R
MSU	E20316T	2.6	Conv	73.5	10.7	57.3	39.3	2.3		R
MSU	E20327	2.2	Conv	79.4	10.7	58.0	44.3	2.3	R to race 4	R
MSU	E20333	2.6	Conv	71.0	10.3	56.2	42.0	2.7		R
MSU	E20351	2.6	Conv	79.5	14.8	56.9	42.0	3.7		R
MSU	E20394HO	2.3	Conv	56.2	10.5	57.7	48.0	3.3	1c	R
MSU	E21062T	2.6	Conv	77.3	10.9	59.1	39.3	2.7		R
MSU	E21100	1.8	Conv	72.8	10.3	57.8	40.0	1.3		R
MSU	E21107	2.9	Conv	71.1	10.9	56.9	40.3	4.3		R
MSU	E21109	2.5	Conv	67.4	15.4	55.8	40.0	2.7		R
MSU	E21116	2.3	Conv	76.0	10.8	59.0	43.7	2.0		R
MSU	E21118	2.9	Conv	72.1	11.4	59.3	39.7	1.0		R
MSU	E21125	2.4	Conv	75.0	11.6	60.0	44.7	1.7		
MSU	E21127	2.3	Conv	80.7	12.0	60.1	43.0	1.3		
MSU	E21139LF	2.5	Conv	52.4	9.7	50.8	40.3	3.0		
MSU	E21166LF	2.2	Conv	51.4	12.0	57.2	39.7	3.7		R
MSU	E21288-1HO	2	Conv	67.7	11.5	58.8	39.7	2.3		R
MSU	E21295-1HO	2	Conv	56.9	11.4	58.3	38.0	1.7		R
MSU	E21345	2.4	Conv	80.9	11.7	60.4	40.7	2.0		
MSU	E22061	2.9	Conv	72.4	11.5	60.2	42.3	3.7		R
MSU	E22121HO	2.9	Conv	60.5	11.0	57.1	40.0	1.7		R
MSU	E22122HO	2.4	Conv	64.8	10.9	58.2	41.0	2.3		R

BRAND	VARIETY	Mat	Herb	Bu/Acre	Moisture	Test Wt	Height	Lodging	Phyto	SCN
MSU	E22163HO	2.7	Conv	59.9	11.4	57.0	40.7	2.0		R
MSU	E22169HO	2.2	Conv	71.7	11.0	59.3	42.7	3.0		R
MSU	E22186HO	2.6	Conv	66.0	11.1	58.8	42.3	2.3		R
MSU	E22254HO	2	Conv	60.3	11.9	57.9	44.3	2.7		R
MSU	E22296HO	2.6	Conv	61.4	9.7	54.6	41.7	2.7		R
MSU	E22407	2.8	Conv	64.0	11.0	56.6	42.3	4.3		R
MSU	E22415	2.9	Conv	70.1	10.8	57.0	40.0	4.0		R
MSU	E22416	2.7	Conv	72.2	11.0	57.2	40.7	3.3		R
MSU	E22417	2.7	Conv	65.7	11.1	56.4	41.3	3.7		R
MSU	E23193HO	2	Conv	55.4	10.6	50.6	40.3	1.3		R
New Age Seeds	NA1800	1.8	Conv	54.2	9.7	53.6	35.7	1.0	1c	R
New Age Seeds	NA2000	2	Conv	64.9	11.6	58.6	38.3	1.7	1c	R
New Age Seeds	NA2700	2.7	Conv	<b>78.6</b>	11.1	54.6	37.7	2.7	1c	R
Star of the West	DF Star 2400	2.4	Conv	<b>73.9</b>	10.7	58.5	43.0	3.0		
Star of the West	Star 18	1.8	Conv	51.5	12.5	61.4	45.7	4.7		
Star of the West	Star 25	2.5	Conv	56.6	12.0	59.7	33.3	3.0		
Star of the West	Star 9430	2.2	Conv	37.4	11.2	60.0	42.0	5.0		
Zeeland Farm Services	ZFS 1326	2.6	Conv	66.5	10.9	57.6	37.3	3.7		R
Zeeland Farm Services	ZFS 1721	1.7	Conv	70.1	10.7	57.7	37.0	1.0		R
Zeeland Farm Services	ZFS 2023	2	Conv	70.5	12.0	58.9	36.0	1.0		R
Zeeland Farm Services	ZFS 2324HO	2.3	Conv	66.8	10.9	56.2	40.3	1.7		R
Zeeland Farm Services	ZFS 2521HO	2.5	Conv	64.1	10.6	57.6	40.7	2.0		R
Zeeland Farm Services	ZFS 2725HO	2.7	Conv	65.5	10.9	55.7	36.3	2.0		R
<b>GRAND MEAN</b>				<b>68.4</b>	<b>11.1</b>	<b>57.3</b>	<b>39.9</b>	<b>2.4</b>		
<b>Max.</b>				<b>82.8</b>	<b>16.3</b>	<b>61.4</b>	<b>48.0</b>	<b>5.0</b>		
<b>Min.</b>				<b>37.4</b>	<b>9.7</b>	<b>50.6</b>	<b>33.3</b>	<b>1.0</b>		
<b>LSD (0.05)</b>				<b>12.3</b>	<b>2.9</b>	<b>3.4</b>				
<b>CV (%)</b>				<b>10.6</b>	<b>15.3</b>	<b>3.5</b>				

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