

2024 Saginaw County Soybean Variety Trial  
Central Conventional Trial

\*\*Preliminary Data\*\*

Row spacing 15" | 3 replications/entry | Soil type: Sandy Clay Loam | Previous Crop: Corn

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

Cooperator: Tom Hoff

Plant Date: 06/01/2024 Harvest Date: 10/8/2024

Pre-emerge: 32oz./A Authority Elite

Post-emerge: Conventional trials: 1 qt./A Basagran, 5 oz./A Raptor

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	68.5	9.4	57.6	29.7			R
Albert Lea	1718N	1.7	Conv	72.2	9.4	58.0	30.3			MR
Albert Lea	19B5	1.9	Conv	71.2	9.5	57.7	31.3			MR
Albert Lea	2155N	2.1	Conv	73.0	9.8	60.8	33.0			MR
Benson Hill	e17Y993	1.7	Conv	77.0	8.7	57.4	28.7			R
Benson Hill	e1993	1.9	Conv	69.0	9.3	58.2	31.7		1k	R
Benson Hill	e21Y989	2.1	Conv	70.3	9.2	58.3	28.7			R
Benson Hill	N23D217	2.3	Conv	55.8	9.2	58.9	36.0			R
DF Seeds	DF 151 N	1.5	Conv	76.6	8.9	57.7	32.0		1k	R
DF Seeds	DF 155 F	2.5	Conv	65.0	9.7	59.0	35.3		1k	S
DF Seeds	DF 174 N	1.7	Conv	68.5	9.0	58.2	34.0		1c	R
DF Seeds	DF 184 N	1.8	Conv	56.6	9.3	57.8	34.7		1k	R
DF Seeds	DF 193 N F	1.9	Conv	70.6	8.9	57.8	32.3		1k	R
DF Seeds	DF 204 N	2	Conv	72.5	9.1	58.5	34.3		1c	R
DF Seeds	DF 205 N F	2	Conv	65.8	9.3	58.7	32.7			R
DF Seeds	DF 214 N	2.1	Conv	74.2	8.9	58.7	34.0		1c	R
DF Seeds	DF 234 N	2.3	Conv	67.5	9.0	58.4	34.3		1k	R
DF Seeds	DF 260 N	2.6	Conv	72.1	9.5	59.7	31.7		1k	R
DF Seeds	DF 262 N F	2.6	Conv	67.8	9.8	59.3	36.7		1k	R
FS HiSOY	HS 15C00	1.5	Conv	66.2	9.1	57.9	31.0		1k	R
FS HiSOY	HS 19C20	1.9	Conv	*79.7	9.0	58.8	32.0		1k	R
FS HiSOY	HS 28C20	2.8	Conv	74.9	9.2	60.0	35.0		1c	R
Iowa State University	IAS25C2	2.5	Conv	69.1	9.8	59.6	35.3			
Iowa State University	IAS27C1	2.7	Conv	77.1	9.2	58.8	36.3			
Jackson Seed Service	S12-J7	1.2	Conv	65.5	9.0	56.6	31.0			R
Jackson Seed Service	S16-B8	1.6	Conv	68.1	9.2	56.8	30.7			R
Jackson Seed Service	S20-G7	2	Conv	55.7	8.8	57.9	32.0			
Jackson Seed Service	S23-T5	2.3	Conv	68.1	9.4	57.7	33.0			R
Jackson Seed Service	Silverline EE2101330	2.5	Conv	61.9	9.2	57.6	32.0			R
MSU	E11128T	2.5	Conv	58.6	10.0	59.5	32.0			R
MSU	E13268	1.7	Conv	76.3	8.7	56.7	30.7		1c	
MSU	E15165T	2	Conv	59.4	10.1	59.2	38.0		1c	R
MSU	E15345	2.7	Conv	69.7	9.7	59.1	37.0			R
MSU	E15351	1.8	Conv	62.0	9.2	58.0	35.0		1c	MR
MSU	E17283	2.7	Conv	70.0	9.3	58.8	34.3		1k	R
MSU	E18331-34HO	2.9	Conv	71.9	9.6	59.5	35.0			
MSU	E18610T	2.4	Conv	70.5	9.1	58.6	30.7			MR
MSU	E18638T	2	Conv	73.2	9.4	59.0	34.3			MR
MSU	E19314T	1.6	Conv	76.6	9.2	58.1	31.3		1k, 3a	R
MSU	E20026	2.2	Conv	71.0	9.5	58.6	37.7		1k, 6	R
MSU	E20078	1.7	Conv	65.3	9.0	56.9	40.0		1a	R
MSU	E20195HO	2.6	Conv	59.6	8.7	57.1	32.3		R to race 1	R
MSU	E20316T	2.6	Conv	63.9	9.3	59.3	32.7			R
MSU	E20327	2.2	Conv	68.5	9.1	58.3	35.7		R to race 4	R
MSU	E20333	2.6	Conv	65.8	9.0	58.6	35.0			R
MSU	E20351	2.6	Conv	60.6	9.7	59.5	38.0			R
MSU	E20394HO	2.3	Conv	49.3	9.3	58.2	39.3		1c	R
MSU	E21062T	2.6	Conv	74.5	9.7	59.7	32.3			R
MSU	E21100	1.8	Conv	68.7	9.5	58.1	32.7			R
MSU	E21107	2.9	Conv	73.3	9.3	59.0	34.7			R
MSU	E21109	2.5	Conv	67.0	10.1	59.4	35.3			R
MSU	E21116	2.3	Conv	66.9	9.8	60.1	35.7			R
MSU	E21118	2.9	Conv	66.5	9.6	60.8	35.3			R
MSU	E21125	2.4	Conv	68.6	8.8	57.5	37.0			
MSU	E21127	2.3	Conv	64.7	10.1	60.6	36.7			
MSU	E21139LF	2.5	Conv	59.1	9.9	56.3	34.3			
MSU	E21166LF	2.2	Conv	58.9	10.1	58.8	41.3			R
MSU	E21288-1HO	2	Conv	59.1	9.9	59.8	33.3			R
MSU	E21295-1HO	2	Conv	69.5	9.1	58.9	34.3			R
MSU	E21345	2.4	Conv	74.5	9.5	60.5	37.0			
MSU	E22061	2.9	Conv	60.2	10.1	61.5	35.7			R
MSU	E22121HO	2.9	Conv	57.1	9.8	58.8	34.3			R
MSU	E22122HO	2.4	Conv	58.5	9.6	59.1	36.3			R

BRAND	VARIETY	Mat	Herb	Bu/Acre	Moisture	Test Wt	Height	Lodging	Phyto	SCN
MSU	E22163HO	2.7	Conv	59.1	9.3	59.0	34.3			R
MSU	E22169HO	2.2	Conv	66.1	10.4	61.2	38.0			R
MSU	E22186HO	2.6	Conv	54.6	9.8	59.8	35.0			R
MSU	E22254HO	2	Conv	56.8	10.3	61.0	40.3			R
MSU	E22296HO	2.6	Conv	59.5	9.2	59.4	43.0			R
MSU	E22407	2.8	Conv	<b>74.2</b>	9.2	59.3	35.7			R
MSU	E22415	2.9	Conv	<b>71.6</b>	9.1	58.9	34.3			R
MSU	E22416	2.7	Conv	68.1	9.4	59.4	31.0			R
MSU	E22417	2.7	Conv	<b>79.2</b>	9.1	58.9	36.3			R
MSU	E23193HO	2	Conv	56.3	9.7	59.5	36.0			R
New Age Seeds	NA1800	1.8	Conv	61.4	8.7	57.5	31.7		1c	R
New Age Seeds	NA2000	2	Conv	67.3	9.1	58.1	33.3		1c	R
New Age Seeds	NA2700	2.7	Conv	<b>73.1</b>	9.3	58.7	36.7		1c	R
Star of the West	DF Star 2400	2.4	Conv	66.2	9.6	59.2	34.3			
Star of the West	Star 18	1.8	Conv	57.1	9.4	60.0	37.7			
Star of the West	Star 25	2.5	Conv	55.6	9.9	60.5	30.7			
Star of the West	Star 9430	2.2	Conv	50.8	9.6	59.7	34.0			
Zeeland Farm Services	ZFS 1326	2.6	Conv	<b>72.4</b>	10.1	58.7	36.3			R
Zeeland Farm Services	ZFS 1721	1.7	Conv	<b>79.1</b>	8.3	55.6	29.7			R
Zeeland Farm Services	ZFS 2023	2	Conv	68.7	10.1	59.5	32.0			R
Zeeland Farm Services	ZFS 2324HO	2.3	Conv	<b>72.7</b>	9.9	58.7	33.3			R
Zeeland Farm Services	ZFS 2521HO	2.5	Conv	65.8	9.2	58.4	33.0			R
Zeeland Farm Services	ZFS 2725HO	2.7	Conv	64.6	9.5	58.8	30.3			R
<b>GRAND MEAN</b>				<b>66.7</b>	<b>9.4</b>	<b>58.8</b>	<b>34.2</b>			
<b>Max.</b>				<b>79.7</b>	<b>10.4</b>	<b>61.5</b>	<b>43.0</b>			
<b>Min.</b>				<b>49.3</b>	<b>8.3</b>	<b>55.6</b>	<b>28.7</b>			
<b>LSD (0.05)</b>				<b>13.6</b>	<b>0.8</b>	<b>1.5</b>	<b>4.9</b>			
<b>CV (%)</b>				<b>12.1</b>	<b>5.1</b>	<b>1.6</b>	<b>8.4</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