

2024 Hillsdale County Soybean Variety Trial  
South Conventional Trial

\*\*Preliminary Data\*\*

Row spacing 15' 3 replications/entry Soil type: Conover Loam Previous Crop: Corn

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

Cooperator: Matt Lennard

Plant Date: 06/04/2024 Harvest Date: 11/12/2024

Pre-emerge: 12oz./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	2385	2.3	Conv	61.3	13.4	55.5	33.3	1.0		R
Albert Lea	2418N	2.4	Conv	59.0	14.9	55.9	31.3	1.7		MR
Albert Lea	2784	2.7	Conv	65.1	14.3	56.3	35.7	1.3		MR
Albert Lea	3084	3.0	Conv	61.9	13.5	57.2	32.0	1.3		MR
Benson Hill	e17Y993	1.7	Conv	<b>66.5</b>	13.8	54.5	33.0	1.3		R
Benson Hill	e1993	1.9	Conv	59.4	13.0	55.1	32.0	1.0	1k	R
Benson Hill	e21Y989	2.1	Conv	63.3	13.3	55.5	29.7	1.0		R
Benson Hill	N23D217	2.3	Conv	62.9	14.0	56.1	39.3	1.0		R
DF Seeds	DF 155 F	2.5	Conv	61.4	13.5	56.1	34.0	1.0	1k	R
DF Seeds	DF 234 N	2.3	Conv	<b>68.7</b>	13.0	56.0	34.0	1.0	1k	R
DF Seeds	DF 260 N	2.6	Conv	<b>71.3</b>	14.0	56.2	33.0	1.0	1k	R
DF Seeds	DF 262 N F	2.6	Conv	59.3	13.8	56.3	38.0	1.7	1k	R
DF Seeds	DF 282 N	2.8	Conv	<b>70.7</b>	13.0	55.9	33.7	1.0	1c	R
FS HISOY	HS 15C00	1.5	Conv	65.4	13.3	55.3	31.3	1.3	1k	R
FS HISOY	HS 19C20	1.9	Conv	<b>66.0</b>	13.5	55.6	29.7	1.0	1k	R
FS HISOY	HS 28C20	2.8	Conv	61.2	12.7	56.0	32.3	1.3	1c	R
Iowa State University	IAS29C1	2.9	Conv	65.2	13.4	56.1	34.3	1.0		
Iowa State University	IAS29C2	2.9	Conv	64.3	13.3	55.9	34.0	1.0		
Iowa State University	IAS31C2	3.1	Conv	57.6	13.3	56.0	36.0	1.7		
Jackson Seed Service	S23-T5	2.3	Conv	59.6	13.9	55.1	35.0	1.0		R
Jackson Seed Service	Silverline EE2101330	2.5	Conv	57.0	13.5	55.1	31.3	1.0		R
MSU	E13268	1.7	Conv	<b>66.4</b>	13.0	55.1	32.3	1.3	1c	R
MSU	E15345	2.7	Conv	63.8	13.6	55.5	35.3	3.3		R
MSU	E15351	1.8	Conv	<b>69.9</b>	12.7	55.2	37.3	2.0	1c	MR
MSU	E17283	2.7	Conv	<b>66.4</b>	13.9	55.5	38.3	1.7	1k	R
MSU	E18331-34HO	2.9	Conv	60.6	13.2	56.3	34.3	1.0		
MSU	E18610T	2.4	Conv	<b>68.7</b>	13.1	55.3	35.7	2.7		MR
MSU	E18638T	2.0	Conv	<b>66.7</b>	14.1	56.3	35.7	1.7		MR
MSU	E19314T	1.6	Conv	59.9	14.6	55.2	35.0	1.7	1k, 3a	R
MSU	E20026	2.2	Conv	63.9	13.8	55.4	36.3	1.3	1k, 6	R
MSU	E20078	1.7	Conv	62.6	13.6	54.7	40.7	1.7	1a	R
MSU	E20195HO	2.6	Conv	64.8	13.5	55.5	33.0	1.3	R to race 1	R
MSU	E20333	2.6	Conv	64.5	13.7	55.6	38.0	2.3		R
MSU	E20351	2.6	Conv	<b>67.3</b>	14.4	56.4	39.7	2.3		R
MSU	E20355	2.9	Conv	<b>70.8</b>	15.1	56.3	41.3	2.0	1k	R
MSU	E20394HO	2.3	Conv	57.4	14.0	55.7	41.0	2.0	1c	R
MSU	E21062T	2.6	Conv	62.8	14.6	56.4	32.3	1.3		R
MSU	E21100	1.8	Conv	<b>69.5</b>	13.5	55.5	33.7	1.3		R
MSU	E21107	2.9	Conv	<b>67.2</b>	13.5	56.1	33.0	1.3		R
MSU	E21109	2.5	Conv	<b>69.0</b>	13.0	56.1	34.0	1.0		R
MSU	E21116	2.3	Conv	<b>67.6</b>	12.3	56.9	35.7	2.0		R
MSU	E21118	2.9	Conv	61.8	13.6	57.2	34.7	1.0		R
MSU	E21125	2.4	Conv	<b>66.0</b>	13.9	58.1	34.0	1.3		R
MSU	E21127	2.3	Conv	<b>68.4</b>	13.8	58.0	35.0	1.3		R
MSU	E21139LF	2.5	Conv	59.4	13.1	55.7	36.7	1.7		R
MSU	E21288-1HO	2.0	Conv	60.1	14.0	56.2	37.3	2.3		R
MSU	E21295-1HO	2.0	Conv	55.9	13.7	56.7	35.0	1.7		R
MSU	E21345	2.4	Conv	<b>70.1</b>	13.8	58.1	39.7	1.3		R
MSU	E22061	2.9	Conv	64.5	13.8	58.9	35.7	1.7		R
MSU	E22121HO	2.9	Conv	62.7	14.2	55.3	38.0	1.3		R
MSU	E22122HO	2.4	Conv	65.3	13.3	55.9	36.0	1.3		R
MSU	E22163HO	2.7	Conv	50.2	13.1	55.9	36.7	1.3		R
MSU	E22169HO	2.2	Conv	59.5	13.3	58.8	35.7	1.3		R
MSU	E22186HO	2.6	Conv	61.3	13.5	56.3	35.0	1.7		R
MSU	E22254HO	2.0	Conv	55.4	12.1	58.5	35.7	1.7		R
MSU	E22296HO	2.6	Conv	52.6	13.9	55.9	39.7	3.0		R
MSU	E22407	2.8	Conv	<b>71.9</b>	13.1	55.8	35.7	2.7		R
MSU	E22415	2.9	Conv	<b>69.6</b>	14.2	55.3	36.7	2.7		R
MSU	E22416	2.7	Conv	65.1	13.4	55.5	35.7	3.0		R
MSU	E22417	2.7	Conv	62.3	15.1	55.0	35.3	3.7		R
New Age Seeds	NA2700	2.7	Conv	<b>69.0</b>	15.3	55.4	38.7	1.0	1c	R
Star of the West	DF Star 2400	2.4	Conv	<b>*75.3</b>	14.8	55.7	39.0	2.0		
Star of the West	Star 25	2.5	Conv	47.9	14.3	56.8	29.3	1.0		
Star of the West	Star 9430	2.2	Conv	48.5	15.1	58.2	34.0	2.3		
Zeeland Farm Services	ZFS 1326	2.6	Conv	60.2	13.4	54.9	35.3	2.0		R
Zeeland Farm Services	ZFS 2023	2.0	Conv	59.0	14.7	55.7	31.0	1.0		R
Zeeland Farm Services	ZFS 2324HO	2.3	Conv	<b>67.4</b>	13.3	56.2	34.0	1.3		R
Zeeland Farm Services	ZFS 2521HO	2.5	Conv	56.6	13.2	56.1	33.0	1.0		R
Zeeland Farm Services	ZFS 2725HO	2.7	Conv	60.3	13.6	55.8	29.7	1.3		R
Zeeland Farm Services	ZFS 2819HO	2.8	Conv	44.6	14.1	55.8	33.7	1.3		R
<b>GRAND MEAN</b>				<b>63.0</b>	<b>13.7</b>	<b>56.1</b>	<b>35.0</b>	<b>1.6</b>		
<b>Max.</b>				<b>75.3</b>	<b>15.3</b>	<b>58.9</b>	<b>41.3</b>	<b>3.7</b>		
<b>Min.</b>				<b>44.6</b>	<b>12.1</b>	<b>54.5</b>	<b>29.3</b>	<b>1.0</b>		
<b>LSD (0.05)</b>				<b>8.9</b>	<b>1.3</b>	<b>0.6</b>				
<b>CV (%)</b>				<b>8.3</b>	<b>5.7</b>	<b>0.6</b>				

\* High yield in plot

Top 1/3 of trial is Bold

Michigan State University varieties are experimental