

TABLE 2. 2024 MICHIGAN SOUTH CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity			Phyto	YIELD (BU/AC)											
		Group	Herb Tech	TMT <sup>1</sup>		RES	SCN	2024 AVG	23-24 AVG	22-24 AVG	2024 AVERAGE						
											Hillsdale	Ingham	Lenawee	St. Joseph	Height	Lodging	Protein
Albert Lea	23B5	2.3	Conv	UT		R	64.1			61.3	57.2	70.8	65.9	34.2	1.3	39.5	20.8
Albert Lea	2418N	2.4	Conv	UT		MR	56.1			59.0	53.5	59.1	53.9	31.8	1.5	37.4	22.0
Albert Lea	27B4	2.7	Conv	UT		MR	65.7			65.1	62.6	74.4	55.0	38.6	1.6	37.6	21.8
Albert Lea	30B4	3.0	Conv	UT		MR	58.3			61.9	55.7	69.7	50.1	35.8	2.1	38.5	20.9
Benson Hill	e17Y993	1.7	Conv	CM, Sa		R	61.5			66.5	66.5	57.0	46.7	32.5	1.6	41.6	20.2
Benson Hill	e1993	1.9	Conv	CM, Sa	1k	R	58.0			59.4	56.9	65.5	51.6	33.9	1.3	37.7	20.8
Benson Hill	e21Y989	2.1	Conv	CM, Sa		R	58.4			63.3	63.8	56.4	56.5	30.4	1.3	42.3	20.4
Benson Hill	N23D217	2.3	Conv	CM, Sa		R	59.8			62.9	49.3	61.1	59.8	40.3	1.5	43.5	19.5
DF Seeds	DF 155 F	2.5	Conv	DFender	1k		61.1	57.5	57.3	61.4	57.1	73.8	46.7	33.5	1.6	40.2	21.1
DF Seeds	DF 234 N	2.3	Conv	DFender	1k	R	64.1			68.7	56.3	73.6	58.8	34.8	1.2	39.8	21.3
DF Seeds	DF 260 N	2.6	Conv	DFender	1k	R	69.6	63.7	65.9	71.3	67.0	78.4	62.8	34.6	2.1	35.9	23.2
DF Seeds	DF 262 N F	2.6	Conv	DFender	1k	R	58.9	53.3	54.6	59.3	57.3	65.7	51.7	37.6	1.8	41.4	20.4
DF Seeds	DF 282 N	2.8	Conv	DFender	1c	R	69.3	64.8		70.7	65.6	78.2	66.8	34.3	1.4	38.3	21.5
FS HiSOY	HS 15C00	1.5	Conv	ACL, Sa	1k	R	58.1	56.5	56.0	65.4	65.1	63.5	49.2	31.7	1.4	38.1	21.7
FS HiSOY	HS 19C20	1.9	Conv	ACL, Sa	1k	R	62.6	59.2		66.0	61.0	69.9	58.4	29.9	1.3	37.8	22.1
FS HiSOY	HS 28C20	2.8	Conv	ACL, Sa	1c	R	68.2	64.8	66.9	61.2	67.3	79.9	66.2	33.2	1.9	38.6	21.4
Iowa State University	IAS29C1	2.9	Conv	CM-APX, Sa			63.1			65.2	56.9	69.3	56.7	36.3	1.7	39.4	21.3
Iowa State University	IAS29C2	2.9	Conv	CM-APX, Sa			61.6			64.3	51.3	72.2	50.3	35.6	1.8	38.9	21.9
Iowa State University	IAS31C2	3.1	Conv	CM-APX, Sa			63.1			57.6	63.2	73.3	66.2	38.3	2.2	36.6	22.2
Jackson Seed Service	S23-T5	2.3	Conv	CM	1c	R	60.3			59.6	56.4	77.1	57.2	37.2	1.4	39.4	20.5
Jackson Seed Service	Silverline EE2101330	2.5	Conv	CM	Y	R	53.5			57.0	48.6	74.9	36.0	33.3	1.5	41.4	20.2
MSU	E13268	1.7	Conv	DFender	1c		60.4	58.8	59.0	66.4	52.4	75.6	50.7	33.2	2.1	38.2	21.8
MSU	E15345	2.7	Conv	DFender		R	65.6	61.4	63.3	63.8	59.6	77.0	58.9	38.2	3.3	37.9	21.1
MSU	E15351	1.8	Conv	DFender	1c	MR	65.3	61.7	62.6	69.9	52.9	68.6	66.4	36.5	2.5	39.0	20.8
MSU	E17283	2.7	Conv	DFender	1k	R	61.9	61.6		66.4	57.3	66.6	57.9	36.5	1.7	39.0	21.3
MSU	E18610T	2.4	Conv	DFender		MR	59.5	55.5		68.7	58.1	68.7	53.4	35.8	2.9	40.9	20.2
MSU	E18638T	2.0	Conv	DFender		MR	61.4	57.8	60.3	66.7	58.0	71.4	61.9	33.3	1.9	40.5	20.3
MSU	E19314T	1.6	Conv	DFender	1k, 3a	R	56.8	55.6	57.0	59.9	59.7	67.7	51.3	35.8	1.8	40.3	20.4
MSU	E20078	1.7	Conv	DFender	1a	R	62.8	59.7	60.9	62.6	59.8	57.4	68.6	40.6	1.8	37.5	22.0
MSU	E20333	2.6	Conv	DFender		R	66.7	60.3		64.5	58.5	73.6	72.5	39.4	2.4	37.9	21.8
MSU	E20351	2.6	Conv	DFender		R	62.1	60.2	61.9	67.3	55.1	65.1	55.3	39.6	2.1	37.3	21.5
MSU	E20355	2.9	Conv	DFender	1k	R	64.3	61.8	62.9	70.8	47.2	66.3	64.3	40.8	1.9	37.4	21.1
MSU	E21062T	2.6	Conv	DFender		R	63.3	60.9		62.8	57.1	65.5	65.0	33.8	1.8	39.6	22.0
MSU	E21100	1.8	Conv	DFender		R	61.4			69.5	61.1	64.9	50.1	33.2	1.8	38.2	20.9
MSU	E21107	2.9	Conv	DFender		R	65.0			67.2	59.4	70.2	63.5	36.4	2.1	37.5	21.4
MSU	E21109	2.5	Conv	DFender		R	62.6			69.0	70.5	64.0	53.2	35.6	1.6	37.4	21.4
MSU	E21118	2.9	Conv	DFender		R	63.4			61.8	59.5	67.7	60.9	36.6	1.8	38.3	21.2
MSU	E21125	2.4	Conv	DFender			61.9			66.0	58.2	69.4	55.3	35.7	1.6	39.2	20.8
MSU	E21127	2.3	Conv	DFender			64.7			68.4	61.1	68.0	59.9	39.1	1.8	39.4	20.5
MSU	E21288-1HO	2.0	Conv	DFender		R	52.2			60.1	47.7	64.1	36.4	35.6	2.3	39.8	21.3
MSU	E21345	2.4	Conv	DFender			59.7			70.1	54.2	65.9	54.4	35.8	1.4	38.6	21.3
MSU	E22121HO	2.9	Conv	DFender		R	58.3			62.7	54.0	62.4	51.3	38.0	1.8	39.9	21.7
MSU	E22122HO	2.4	Conv	DFender		R	56.1			65.3	50.6	63.2	46.2	37.4	2.1	39.0	22.3
MSU	E22169HO	2.2	Conv	DFender		R	56.1			59.5	54.4	61.2	49.3	39.1	1.9	41.1	21.1
MSU	E22407	2.8	Conv	DFender		R	66.5			71.9	66.1	73.3	60.5	37.8	3.3	38.8	21.4
MSU	E22415	2.9	Conv	DFender		R	64.3			69.6	69.7	71.7	56.5	36.8	3.1	38.2	22.0
MSU	E22416	2.7	Conv	DFender		R	64.2			65.1	63.7	63.4	65.9	36.0	3.0	38.8	21.4
MSU	E22417	2.7	Conv	DFender		R	63.8			62.3	66.5	69.2	66.7	36.0	3.0	37.8	21.9
New Age Seeds	NA2700	2.7	Conv	Vay	1c	R	61.2			69.0	54.5	64.9	59.7	37.4	1.3	41.6	19.8
Star of the West	DF Star 2400	2.4	Conv	SSS			60.4			75.3	57.5	62.4	42.4	36.1	1.8	39.6	21.2
Star of the West	Star 25	2.5	Conv	UT			49.5	45.6		47.9	46.3	57.0	42.7	31.0	1.8	39.8	19.5
Star of the West	Star 9430	2.2	Conv	SSS			42.8	38.3		48.5	33.3	42.2	34.1	32.5	2.6	39.9	17.8
Zeeland Farm Services	ZFS 1326	2.6	Conv	T-Elite, N-Durance		R	57.2	53.9		60.2	50.4	66.4	49.5	35.3	2.0	39.6	20.7

Zeeland Farm Services	ZFS 2023	2.0	Conv	T-Elite, N-Durance	R	61.2	58.4	59.0	52.3	<b>71.8</b>	54.5	32.6	1.6	40.6	20.4
Zeeland Farm Services	ZFS 2324HO	2.3	Conv	T-Elite, N-Durance	R	<b>64.7</b>	58.2	<b>67.4</b>	54.7	68.6	58.8	34.1	1.5	40.2	21.0
Zeeland Farm Services	ZFS 2521HO	2.5	Conv	T-Elite, N-Durance	R	59.7	54.3	56.6	54.1	<b>72.9</b>	45.1	35.3	1.7	41.4	20.6
Zeeland Farm Services	ZFS 2725HO	2.7	Conv	T-Elite, N-Durance	R	<b>64.1</b>		60.3	<b>62.6</b>	<b>71.9</b>	59.6	32.2	1.8	39.5	22.3
Zeeland Farm Services	ZFS 2819HO	2.8	Conv	T-Elite, N-Durance	R	50.2	47.6	44.6	50.4	53.1	42.8	37.9	2.4	39.4	21.9
<b>GRAND MEAN</b>						<b>60.8</b>		<b>63.5</b>	<b>57.1</b>	<b>67.3</b>	<b>55.1</b>	<b>35.6</b>	<b>1.9</b>	<b>39.4</b>	<b>21.1</b>
<b>Max.</b>						<b>69.6</b>		<b>75.3</b>	<b>70.5</b>	<b>79.9</b>	<b>72.5</b>	<b>41.9</b>	<b>3.3</b>	<b>44.0</b>	<b>23.2</b>
<b>Min.</b>						<b>42.8</b>		<b>44.6</b>	<b>33.3</b>	<b>42.2</b>	<b>34.1</b>	<b>29.9</b>	<b>1.2</b>	<b>35.9</b>	<b>17.8</b>
<b>LSD (0.05)</b>						<b>5.5</b>		<b>8.9</b>	<b>11.7</b>	<b>12.9</b>	<b>13.3</b>				
<b>CV (%)</b>						<b>11.0</b>		<b>8.3</b>	<b>9.9</b>	<b>9.2</b>	<b>11.7</b>				

<sup>1</sup> Seed Treatment: See 'Seed Treatment' paragraph (under 'Using the Data') for product code

\* High yield in plot

^ Data not available

Top 1/3 of trial is Bold

Michigan State University varieties are experimental