

TABLE 2. 2019 MICHIGAN SOUTH CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT <sup>1</sup>	Phyto RES	SCN	Aphid Res	YIELD (BU/AC)			2019 AVERAGE					
							2019 AVG	18-19 AVG	17-19 AVG	Lenawee	St. Joseph	Height	Lodging	Protein	Oil
DF Seeds	DF 155 F	2.5	DFender N N-H I	1k	S		64.1	65.5	65.5	65.7	62.5	34	1.9	38.2	22.2
DF Seeds	DF 260 N	2.6	DFender N N-H I	1k	R		<b>*74.1</b>			<b>*79.7</b>	68.5	31	2.3	34.6	23.5
DF Seeds	DF 278 N	2.7	DFender N N-H I		R		<b>73.8</b>	72.2	72.2	<b>73.7</b>	<b>73.9</b>	34	1.8	35.9	21.9
DF Seeds	DF 317 N	3.1	DFender N N-H I	1k	R		<b>69.8</b>	69.8	71.7	<b>75.4</b>	64.3	36	2.3	37.7	22.0
Dyna-Gro Seed	S2409N	2.4	Eq,Clar		R		68.0			68.3	67.7	32	1.5	36.6	22.2
Dyna-Gro Seed	S2908N	2.9	Eq,Clar		R		67.1	70.3		64.5	69.8	37	1.6	37.6	21.3
LG Seeds	C2300	2.3	AgriShield Max, I	1a	R		63.2	65.0		63.0	63.3	36	2.0	36.2	21.8
LG Seeds	LGS2010	2.0	AgriShield Max, I	1a	R		65.9			66.3	65.5	32	1.1	34.5	22.1
LG Seeds	LGS2765	2.7	AgriShield Max, I		R		68.2	70.1		<b>75.3</b>	61.1	35	2.1	36.0	22.0
MSU	E12076T	2.9	DFender N N-H I		R		66.1	68.1	68.2	<b>75.0</b>	57.2	37	2.5	36.2	22.0
MSU	E12076T-03	2.4	DFender N N-H I		R		69.1			65.6	<b>72.6</b>	35	2.4	36.7	21.8
MSU	E13100-03	2.5	DFender N N-H I		R		65.3			64.7	65.9	38	1.9	36.6	22.9
MSU	E13268	1.7	DFender N N-H I	1c			66.5	67.0	66.8	63.9	69.0	33	2.1	35.5	22.4
MSU	E14077	2.2	DFender N N-H I	1k	R		<b>69.2</b>	69.2	68.4	66.9	<b>71.4</b>	37	1.8	36.8	22.4
MSU	E15339	2.2	DFender N N-H I		R		<b>69.8</b>	69.9	70.1	68.0	<b>71.7</b>	37	2.6	35.2	22.9
MSU	E15345	2.7	DFender N N-H I		R		<b>70.4</b>	70.8	70.8	<b>72.4</b>	68.3	34	2.4	34.9	21.7
MSU	E15347	2.5	DFender N N-H I		R		68.8			66.4	<b>71.2</b>	33	1.8	35.1	22.4
MSU	E15351	2.2	DFender N N-H I		R		<b>73.2</b>	72.6	71.9	<b>72.2</b>	<b>74.2</b>	35	2.5	35.3	21.8
MSU	E15901	2.3	DFender N N-H I	1k	R	R	67.8			65.2	70.4	35	1.4	36.7	21.3
MSU	E16189	2.8	DFender N N-H I	1c			<b>70.4</b>	69.6		<b>70.6</b>	70.2	44	1.9	38.0	21.0
MSU	E16266	2.2	DFender N N-H I	1k	R	R	<b>70.8</b>	70.3		<b>70.1</b>	<b>71.5</b>	34	1.6	37.5	21.9
MSU	E16380	2.8	DFender N N-H I	1k	R		68.4	68.7		64.5	<b>72.2</b>	34	1.3	35.4	22.4
MSU	E16387	2.6	DFender N N-H I	1k	R		62.9			66.8	59.0	33	2.0	34.8	22.2
MSU	E16410	2.8	DFender N N-H I				66.0	67.8		59.3	<b>72.6</b>	34	1.5	35.4	23.2
MSU	E17004	2.3	DFender N N-H I				<b>72.2</b>			66.7	<b>*77.6</b>	35	1.5	36.7	22.9
MSU	E17054	2.1	DFender N N-H I		R		<b>72.0</b>			<b>70.5</b>	<b>73.4</b>	35	1.8	36.8	21.4
MSU	E17062	2.7	DFender N N-H I				<b>70.9</b>			<b>68.9</b>	<b>72.8</b>	36	2.6	37.9	21.6
MSU	E17069	3.0	DFender N N-H I		R		<b>69.3</b>			<b>71.6</b>	66.9	42	2.6	39.3	20.9
MSU	E17167	2.2	DFender N N-H I		R		<b>72.6</b>			68.8	<b>76.4</b>	39	2.3	37.6	22.4
MSU	E17184	2.2	DFender N N-H I		R		65.1			58.3	<b>71.8</b>	38	1.9	36.5	23.5
MSU	E17203	2.2	DFender N N-H I		R		65.9			64.3	67.5	33	1.5	37.0	22.2
MSU	E17205	2.7	DFender N N-H I				62.8			64.0	61.5	39	1.9	34.7	23.3
MSU	E17227	2.3	DFender N N-H I		R		<b>72.6</b>			<b>70.3</b>	<b>74.9</b>	34	1.4	35.3	23.1
MSU	E17269	2.1	DFender N N-H I		R		<b>72.0</b>			<b>71.6</b>	<b>72.4</b>	34	2.0	35.5	21.6
MSU	E17274	2.2	DFender N N-H I		R		60.3			66.4	54.1	37	3.8	34.6	21.0
MSU	E17275	2.2	DFender N N-H I		R		<b>69.6</b>			<b>69.2</b>	70.0	36	3.8	34.9	21.6
MSU	E17283	2.7	DFender N N-H I		R		<b>70.3</b>			<b>69.5</b>	<b>71.0</b>	33	2.1	38.8	21.0
MSU	E17506T	2.3	DFender N N-H I		R		64.2			65.0	63.3	38	2.0	38.2	20.9
MSU	E17508	3.0	DFender N N-H I		R		59.4			56.0	62.8	28	1.1	39.5	22.2
MSU	E17520	2.2	DFender N N-H I				63.7			59.8	67.4	36	2.0	35.9	22.2

TABLE 2. 2019 MICHIGAN SOUTH CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT <sup>1</sup>	Phyto		Aphid Res	YIELD (BU/AC)			2019 AVERAGE								
				RES	SCN		2019 AVG	18-19 AVG	17-19 AVG	Lenawee	St. Joseph	Height	Lodging	Protein	Oil			
				MSU	E17545		2.2	DFender N N-H I										
MSU	E17550	2.2	DFender N N-H I															
MSU	E17801-08	2.9	DFender N N-H I															
MSU	E17808-01	2.0	DFender N N-H I															
Nature's Genetics	Nat. Gen 1926	2.4	V															
Nature's Genetics	Nat. Gen 2.4	2.5	V															
Wellman Seeds	W 296	2.6	ENCASE		MR													
Zeeland Farm Services	ZFS 1326	2.6	Ecl-US-Q, N		R													
Zeeland Farm Services	ZFS 1629 N	2.9	Ecl-US-Q, N		R													
Zeeland Farm Services	ZFS 1821	2.1	Ecl-US-Q, N	1k	R													
Zeeland Farm Services	ZFS 1925HO	2.5	Ecl-US-Q, N		R													
Zeeland Farm Services	ZFS 1930HO	3.0	Ecl-US-Q, N		R													
Zeeland Farm Services	ZFS 2025HO	2.5	Ecl-US-Q, N		R													
<b>GRAND MEAN</b>							<b>66.1</b>			<b>65.6</b>	<b>66.7</b>	<b>35</b>	<b>2.0</b>	<b>37</b>	<b>22</b>			
<b>Max.</b>							<b>74.1</b>			<b>79.7</b>	<b>77.6</b>	<b>44</b>	<b>3.8</b>	<b>41</b>	<b>23</b>			
<b>Min.</b>							<b>51.7</b>			<b>47.8</b>	<b>48.1</b>	<b>28</b>	<b>1.1</b>	<b>35</b>	<b>19</b>			
<b>LSD (0.05)</b>							<b>8.2</b>			<b>8.1</b>	<b>11.2</b>	<b>3.2</b>	<b>0.7</b>	<b>1.2</b>	<b>0.8</b>			
<b>CV (%)</b>							<b>9.5</b>			<b>9.2</b>	<b>10.1</b>	<b>7.8</b>	<b>31.0</b>	<b>2.0</b>	<b>2.2</b>			

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

\* High yield in plot

Top 1/3 of trial is Bold

Protein and oil are based on dry matter

Michigan State University varieties are experimental

St. Joseph location is irrigated