

TABLE 5. 2019 MICHIGAN SOUTHERN ZONE ROUND-UP READY / Early Maturity, (1.7 - 2.7), SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Mat Group	Herb	TMT <sup>1</sup>	Phyto Resist.	SCN	YIELD (BU/AC)										
							2019			18-19			2019 AVERAGE				
							AVG	AVG	AVG	Ingham	Lenawee	St. Joseph	Height	Lodging	Protein	Oil	
Agra Solutions	KEY 1025GL	2.5	LLGT27	ENC		MR	72.1				<b>70.1</b>	<b>72.8</b>	73.4	30	1.3	36.3	21.3
Credenz	CZ 2040GTLL	2.0	LLGT27	R,A,P,V,I	1a	R	71.8				66.5	71.4	77.5	27	1.1	35.7	22.6
Credenz	CZ 2360GTLL	2.3	LLGT27	R,A,P,V,I	1a	R	<b>73.6</b>			<b>*74.0</b>	71.0	75.9	30	1.1	36.3	22.7	
Credenz	CZ 2550GTLL	2.5	LLGT27	T-Methyl	1a	R	70.8			61.6	<b>75.9</b>	74.9	28	1.1	36.3	21.9	
Credenz	CZ 2579GTLL	2.5	LLGT27	R,A,P,V,I	1k	R	70.5			66.7	<b>73.0</b>	71.7	34	1.3	38.3	21.5	
Credenz	CZ 2760GTLL	2.7	LLGT27	R,A,P,V,I	Testing	R	<b>73.4</b>			65.6	70.8	<b>83.8</b>	31	1.2	35.4	22.7	
DF Seeds	DF 3240 N E3	2.4	ENLIST	DFender N N-H I	1k	R	68.9			64.1	71.1	71.6	28	1.1	34.6	22.8	
DF Seeds	DF 5227 N R2Y	2.2	RR2Y	DFender N N-H I	1c	R	<b>74.2</b>			<b>67.8</b>	<b>74.3</b>	<b>80.5</b>	33	1.4	35.1	21.3	
DF Seeds	DF 6269 N LLGT27	2.6	LLGT27	DFender N N-H I	1c	R	<b>72.7</b>			62.7	<b>74.3</b>	<b>81.2</b>	31	1.3	35.9	21.8	
Dyna-Gro	S23XT69	2.3	RR2X	Eq,V,I,P,Clar	1c	R	64.7			61.1	63.0	69.9	28	1.1	35.9	23.1	
Dyna-Gro	S23XT90	2.3	RR2X	Eq,Clar	1c	R	69.5			65.6	68.9	74.1	29	1.1	35.7	21.0	
Dyna-Gro	S27EN89	2.7	ENLIST	Eq,Clar	1k	R	66.8			55.9	71.0	73.4	29	1.2	34.6	23.0	
FS HiSOY®	HS 24X80	2.4	RR2X	ACL + I	1c	R	<b>73.3</b>			<b>69.4</b>	<b>73.0</b>	77.4	25	1.1	37.3	21.2	
FS HiSOY®	HS 26B90	2.6	LLGT27	ACL + I		R	<b>74.5</b>			65.4	71.4	<b>*86.6</b>	30	1.2	35.7	22.4	
Genesis	G2840E	2.7	ENLIST	ECLISPE US	1k	R	69.5			62.3	<b>73.8</b>	72.4	28	1.2	34.3	23.0	
Golden Harvest	GH2230X	2.2	RR2X	AM-C, Clar + Mer	1c	R3MR14	72.1			63.8	71.2	<b>81.4</b>	27	1.0	35.1	22.5	
Golden Harvest	GH2537X	2.5	RR2X	AM-C, Clar + Mer	1c	R3MR14	71.0	71.3	70.9	66.6	<b>72.0</b>	74.5	32	1.4	36.0	21.4	
Golden Harvest	GH2552X	2.5	RR2X	AM-C, Clar + Mer	1c	MR3	<b>74.4</b>			<b>69.8</b>	<b>76.1</b>	77.4	32	1.2	37.3	22.0	
Golden Harvest	GH2788X	2.7	RR2X	AM-C, Clar + Mer	1c	MR3MR14	71.7	71.7	76.3	60.7	<b>72.9</b>	<b>81.5</b>	26	1.0	36.7	22.1	
LG Seeds	C1838RX	1.8	RR2X	AgriShield Max, I	1c	Yes	70.6			66.7	71.1	74.1	28	1.0	38.0	21.4	
LG Seeds	C2255R2	2.0	RR2	AgriShield Max, I	1c	R3,MR14	<b>73.9</b>	74.9		66.1	<b>*76.2</b>	79.4	32	1.2	34.7	21.9	
LG Seeds	LGS2007RX	2.0	RR2X	AgriShield Max, I	3a,1a	Yes	<b>72.8</b>	74.3		<b>71.9</b>	70.5	76.0	28	1.0	37.1	20.9	
LG Seeds	LGS2444RX	2.4	RR2X	AgriShield Max, I	1c	Yes	<b>*76.0</b>	75.7		<b>73.1</b>	<b>74.5</b>	<b>80.3</b>	28	1.2	37.0	21.2	
Local Seed Company	LS1887X	1.8	RR2X	Radius 500			69.5			66.1	66.1	76.2	29	1.0	38.1	21.8	
Local Seed Company	LS2685X	2.6	RR2X	Radius 500			71.1			<b>69.6</b>	66.1	77.7	31	1.4	38.0	21.2	
Local Seed Company	ZS1999 GL	1.9	LLGT27	Radius 500		MR3,MR14	71.9			65.6	<b>72.7</b>	77.3	28	1.1	35.5	22.0	
Local Seed Company	ZS2097 E3	2.0	ENLIST	Radius 500	1c,3a	MR3,MR14	67.7			60.8	68.9	73.5	30	1.3	38.0	21.7	
Local Seed Company	ZS2496 E3	2.4	ENLIST	Radius 500	1k	R3,MR14	66.5			60.2	68.4	70.9	27	1.0	36.1	22.2	
M&W Seeds	26T32 GT27	2.6	LLGT27				71.5			<b>66.9</b>	70.2	77.3	30	1.2	35.7	21.5	
MCIA	2119 GTLL27	2.1	LLGT27	CM		R	68.9			62.3	64.7	<b>79.7</b>	26	1.0	36.4	22.4	
MCIA	2319 GTLL27	2.3	LLGT27	CM	1k	R	72.5			65.8	69.1	<b>82.6</b>	31	1.1	34.6	22.1	
Renk Seed	RS248NX	2.4	RR2X	Eclips US		R	<b>73.0</b>	76.1	74.3	<b>66.9</b>	68.6	<b>83.5</b>	28	1.2	35.5	22.2	
Renk Seed	RS250NX	2.5	RR2X	Eclips US	1k	R	<b>73.4</b>			<b>70.7</b>	69.1	<b>80.5</b>	28	1.0	36.3	21.3	
Rupp Seeds	RS 23XT22	2.3	RR2X	AM-C	1c	R3, MR14	66.8			60.6	66.3	73.6	25	1.1	35.5	21.4	
Rupp Seeds	RS 25XT12	2.5	RR2X	AM-C	1k	R	72.1			65.2	71.4	<b>79.7</b>	29	1.1	36.7	21.3	
Specialty Hybrids	2083R2X	2.0	RR2X	ACL, G, NemaStrike	1a,3a	R3	70.5	73.6		64.6	68.7	78.3	27	1.0	38.3	21.9	
Specialty Hybrids	2293R2X	2.2	RR2X	ACL, G, NemaStrike	1c	R3	70.6			<b>67.8</b>	66.6	77.4	29	1.0	36.5	22.6	
Specialty Hybrids	2573R2X	2.5	RR2X	ACL, G, NemaStrike	1c	R3	<b>75.1</b>	76.4	73.7	<b>68.3</b>	<b>76.0</b>	<b>81.1</b>	32	1.2	37.1	22.0	
Specialty Hybrids	2583R2X	2.5	RR2X	ACL, G, NemaStrike	1c	R3	70.6			64.2	71.2	76.4	30	1.1	37.7	21.3	
Wellman Seeds	W 5926X	2.6	RR2X	ENCASE	1c	MR	<b>75.6</b>	74.5		<b>71.2</b>	70.2	<b>85.3</b>	32	1.3	35.6	22.7	
Wellman Seeds	W 6023E	2.3	ENLIST	ENCASE		MR	68.0			63.7	67.4	72.9	27	1.0	35.4	21.6	
<b>GRAND MEAN</b>							<b>71.3</b>			<b>65.8</b>	<b>70.8</b>	<b>77.4</b>	<b>29</b>	<b>1.1</b>	<b>36.2</b>	<b>21.9</b>	
<b>Max.</b>							<b>76.0</b>			<b>74.0</b>	<b>76.2</b>	<b>86.6</b>	<b>34</b>	<b>1.4</b>	<b>38.3</b>	<b>23.1</b>	
<b>Min.</b>							<b>64.7</b>			<b>55.9</b>	<b>63.0</b>	<b>69.9</b>	<b>25</b>	<b>1.0</b>	<b>34.3</b>	<b>20.9</b>	
<b>LSD (0.05)</b>							<b>4.6</b>			<b>8.3</b>	<b>6.2</b>	<b>5.2</b>	<b>2.4</b>	<b>0.3</b>	<b>1.8</b>	<b>0.6</b>	
<b>CV (%)</b>							<b>6.1</b>			<b>7.6</b>	<b>6.5</b>	<b>4.0</b>	<b>8.6</b>	<b>27.3</b>	<b>2.9</b>	<b>1.7</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  
St. Joseph location is irrigated