

TABLE 5. 2020 MICHIGAN SOUTHERN ZONE ROUND-UP READY / Early Maturity, (1.7 - 2.7),SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity		TMT <sup>1</sup>	Phyto Resist.	SCN	YIELD (BU/AC)					2020 AVERAGE			
		Group	Herb				2020 AVG	19-20 AVG	18-20 AVG	Ingham	Lenawee	Height	Lodging	Protein	Oil
Ag Armour	AA 2521 E3	2.5	E3	AA ELITE		R	52.6			51.7	53.2	32	1.3	38.4	21.9
AGRA Solutions	KEY 1025GL	2.5	LLGT27	ENC		R	54.1	63.1		50.2	57.1	31	1.2	39.2	20.8
Credenz	CZ 2040GTLL	2.0	LLGT27	ObviusPlus, P/V/I	1a	R3MR14	45.6	58.7		49.9	42.3	30	1.2	37.9	22.1
Credenz	CZ 2121GTLL	2.1	LLGT27	ObviusPlus, P/V/I	testing	R3MR14	53.9			54.8	53.2	28	1.1	37.4	22.2
Credenz	CZ 2230GTLL	2.2	LLGT27	ObviusPlus, P/V/I	1a	R3MR14	53.8			55.7	52.3	31	1.3	40.4	21.0
Credenz	CZ 2360GTLL	2.3	LLGT27	ObviusPlus, P/V/I	1k	R3MR14	48.0	60.8		53.0	44.2	30	1.2	37.6	22.0
Credenz	CZ 2550GTLL	2.5	LLGT27	ObviusPlus, P/V/I	1a	R3MR14	56.4	63.6		55.8	56.8	32	1.2	38.6	20.8
Credenz	CZ 2760GTLL	2.7	LLGT27	ObviusPlus, P/V/I	1a	R3MR14	53.2	63.3		58.0	49.6	32	1.3	38.7	21.8
Dairyland	DS-2030E	2.0	E3	Lum, EG, L-2030-R, G, I, Inoc.	3a,1c		48.5			51.2	46.5	29	1.3	38.8	21.2
Dairyland	DS-2112E	2.1	E3	Lum, EG, L-2030-R, G, I, Inoc.			49.7			51.6	48.3	30	1.2	37.1	21.9
Dairyland	DS-2259E	2.2	E3	Lum, EG, L-2030-R, G, I, Inoc.			56.6			62.3	52.3	34	1.3	39.0	21.3
Dairyland	DS-2424E	2.4	E3	Lum, EG, L-2030-R, G, I, Inoc.	1k		54.7			56.6	53.2	29	1.2	37.8	22.0
Dairyland	DS-2555E	2.5	E3	Lum, EG, L-2030-R, G, I, Inoc.	1c		52.9			55.6	50.9	31	1.3	39.5	20.8
Dairyland	DS-2590E	2.5	E3	Lum, EG, L-2030-R, G, I, Inoc.	1k		48.4			51.0	46.5	28	1.3	38.4	20.7
Dairyland	DS-2640E	2.6	E3	Lum, EG, L-2030-R, G, I, Inoc.	1k		52.0			56.9	48.3	30	1.2	37.8	21.6
Dairyland	E20-101E	2.0	E3	Lum, EG, L-2030-R, G, I, Inoc.			49.8			49.9	49.8	29	1.5	38.6	21.2
Dairyland	E24-201E	2.4	E3	Lum, EG, L-2030-R, G, I, Inoc.			55.4			55.1	55.7	33	1.3	37.6	21.5
DF Seeds	DF 3251 N E3	2.5	E3	DFender-N-I		R	53.0			54.8	51.6	31	1.4	38.0	21.8
DF Seeds	DF 3271 N E3	2.7	E3	DFender-N-I		R	50.3			48.4	51.7	32	1.3	37.9	20.6
DF Seeds	DF 6241 N LLGT27	2.4	LLGT27	DFender-N-I	1k	R	51.5			54.1	49.5	30	1.3	38.2	21.2
DF Seeds	DF 6269 N LLGT27	2.6	LLGT27	DFender-N-I	1c	R	47.0	59.9		48.4	45.9	31	1.3	37.8	21.4
Dyna-Gro	S24EN50	2.4	E3	Eq plus Saltro		R	48.2			51.2	46.0	31	1.3	38.0	21.0
Dyna-Gro	S25EN41	2.5	E3	Eq plus Saltro		R	54.0			58.3	50.7	32	1.3	38.6	21.7
Dyna-Gro	S26GL30	2.6	LLGT27	Eq plus Saltro		R	53.7	60.6		55.5	52.4	33	1.2	39.2	22.1
Dyna-Gro	SX20723EN	2.3	E3	Eq plus Saltro	1k	R	54.4			58.9	51.1	30	1.0	38.4	21.5
Golden Harvest	GH2610E3	2.6	E3	CM,Vib,Saltro	1k	R	55.7			56.5	55.1	30	1.2	37.2	21.8
Golden Harvest	GH2788X	2.7	RR2X	CM,Vib,Saltro	1c	MR3MR14	55.8	63.8	66.4	57.1	54.8	28	1.0	39.4	21.0
Growmark	HS 25E00	2.5	E3	ACL		R	54.3			60.0	50.0	33	1.3	37.8	21.7
Growmark	HS 26B90	2.6	LLGT27	ACL		R	50.8	62.7		51.1	50.5	32	1.3	39.4	21.4
LG Seeds	C1838RX	1.8	RR2X	AgriShield Max w/Saltro	3a,1a	R	53.7	62.2		56.0	51.9	31	1.2	38.6	22.1
LG Seeds	LGS2007RX	2.0	RR2X	AgriShield Max w/Saltro	3a,1a	R	55.2	64.0	67.9	55.7	54.8	32	1.0	38.4	22.0
LG Seeds	LGS2444RX	2.4	RR2X	AgriShield Max w/Saltro	1c	R	52.5	64.3		56.0	49.8	27	1.2	39.3	20.4
Local Seed Company	LS1887X	1.8	RR2X	Radius Premium	3a,1a	MR3,MR14	47.9	58.7		50.0	46.4	31	1.2	39.1	21.6
Local Seed Company	ZS1999GL	1.9	LLGT27	Radius Premium		R3,MR14	50.4			51.0	50.0	30	1.1	37.7	21.9
M&W Seeds	M&W 25E25	2.5	E3	Titan		R3,MR14	53.2			52.7	53.5	32	1.3	38.2	22.0
M&W Seeds	M&W 26T32	2.6	GT27	Titan		R3,MR14	54.1	62.8		50.0	57.2	32	1.2	39.6	20.6
MCIA	MCIA 2319 LL/GT27	2.3	LLGT27	CM		R	52.6	62.6		55.0	50.8	30	1.2	38.5	21.8
MCIA	MCIA 2520 LL/GT27	2.5	LLGT27	CM		R	52.6			53.1	52.2	32	1.3	37.9	21.1
MSU	E18450GT	2.5	RR1	DFender-N-I			52.3			50.5	53.7	39	1.7	37.3	21.0
NK Seeds	S23-G5X	2.3	RR2X	CM,Vib,Saltro	1k	R	54.8			54.9	54.7	32	1.3	39.1	21.4
NK Seeds	S25-V8X	2.5	RR2X	CM,Vib,Saltro	1c	MR	57.9			58.9	57.1	35	1.3	39.1	21.1
NK Seeds	S26-E3	2.6	E3	CM,Vib,Saltro	1k	R	55.5			57.2	54.2	30	1.1	37.4	21.7
Renk Seed	GENESIS G2350E	2.3	E3	Eclipse Trio, Saltro	1k	R	51.9			50.5	52.9	30	1.1	38.0	21.5
Renk Seed	GENESIS G2550E	2.5	E3	Eclipse Trio, Saltro		R	55.8			55.4	56.1	33	1.5	38.5	21.7
Renk Seed	RENK RS250NX	2.5	RR2X	Eclipse Trio, Saltro	1k	R	51.9	62.7		51.7	52.0	31	1.1	37.7	20.7
Rupp Seeds	RS 25EL24	2.5	E3	CM		R	56.0			52.2	58.8	32	1.4	37.3	22.1

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BRAND	VARIETY	Maturity		TMT <sup>1</sup>	Phyto Resist.	SCN	YIELD (BU/AC)					2020 AVERAGE				
		Group	Herb				2020	19-20	18-20	Ingham	Lenawee	Height	Lodging	Protein	Oil	
							AVG	AVG	AVG							
Specialty Hybrids	2083R2X	2.0	RR2X	ACL, G	1a,3a	R3	48.0	59.3	65.0	49.4	46.9	30	1.2	38.2	21.8	
Specialty Hybrids	2583R2X	2.5	RR2X	ACL, G	1c	R3	51.5	61.1		<b>55.7</b>	48.4	32	1.3	38.6	20.6	
Wellman Seeds	W 5926X	2.6	RR2X	ENC	1c	R	<b>54.6</b>	65.1	67.9	51.9	<b>56.6</b>	33	1.3	36.5	21.7	
Wellman Seeds	W 6023E	2.3	E3	ENC		R	51.7	59.9		51.6	51.8	30	1.3	39.1	20.7	
Wellman Seeds	W 6125E	2.5	E3	ENC		R	<b>56.4</b>			54.8	<b>57.6</b>	31	1.4	38.7	21.8	
Xitavo	XO 2181E	2.1	E3	ObviusPlus, P/V/I	testing	R3MR14	49.2			53.3	46.2	28	1.3	37.1	21.6	
Xitavo	XO 2391E	2.3	E3	ObviusPlus, P/V/I	testing	R3MR14	49.4			51.3	48.0	28	1.2	38.0	21.6	
Xitavo	XO 2501E	2.5	E3	ObviusPlus, P/V/I	testing	R3MR14	50.3			<b>55.6</b>	46.4	31	1.2	37.4	22.1	
Xitavo	XO 2711E	2.7	E3	ObviusPlus, P/V/I	testing	R3MR14	<b>55.3</b>			51.8	<b>58.0</b>	31	1.2	38.3	20.7	
<b>GRAND MEAN</b>							<b>52.5</b>			<b>53.8</b>	<b>51.6</b>	<b>31</b>	<b>1.2</b>	<b>38.3</b>	<b>21.4</b>	
<b>Max.</b>							<b>57.9</b>			<b>62.3</b>	<b>58.8</b>	<b>39</b>	<b>1.7</b>	<b>40.4</b>	<b>22.2</b>	
<b>Min.</b>							<b>45.6</b>			<b>48.4</b>	<b>42.3</b>	<b>27</b>	<b>1.0</b>	<b>36.5</b>	<b>20.4</b>	
<b>LSD (0.05)</b>							<b>5.8</b>			<b>8.7</b>	<b>6.3</b>					
<b>CV (%)</b>							<b>7.8</b>			<b>8.4</b>	<b>7.3</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