

TABLE 3. 2018 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.3 - 2.2),SOYBEAN VARIETY TRIAL REPORT

		YIELD (BU/AC)													
BRAND	VARIETY	Maturity		TMT <sup>1</sup>	Phyto		2018 17-18 16-18			Saginaw	Sanilac	Height	Lodging	Protein	Oil
		Group	Herb		Res	SCN	AVG	AVG	AVG						
Ag Armour Seeds	AA 2017 GT	2.0	GT	Ag Armour	1k		70.0			62.9	77.1	34	1.4	36.7	18.9
AgVenture	AgVenture 18U4R	1.8	R2	Sec,I,Lum	1k,3a	R1,R3,R5	74.5			63.6	<b>85.5</b>	31	1.3	37.4	19.4
AgVenture	AgVenture 21M7R	2.1	R2	Sec,I,Lum	1k	R1,R3,R5	66.7	64.7		53.9	79.6	34	1.3	34.0	20.7
Channel	1818 R2X	1.8	RR2X	ACL	1c	R3	74.0	70.3		65.8	82.1	32	1.3	34.6	19.8
Dairyland	DSR-1313/R2Y	1.3	R2Y	CM+O	1c	R	64.1	64.7	65.4	56.9	71.3	31	1.1	35.9	19.5
Dairyland	DSR-1475/R2Y	1.4	R2Y	CM+O	1c	R	69.8	67.4		64.7	74.9	30	1.3	35.3	19.7
Dairyland	DSR-1526/R2Y	1.5	R2Y	CM+O	1c	R	66.8	65.7	66.2	59.7	73.8	30	1.1	35.7	19.9
Dairyland	DSR-1721/R2Y	1.7	R2Y	CM+O	1k	R	72.3	68.5	68.5	63.6	81.0	35	1.3	35.9	19.7
Dairyland	DSR-1870/R2Y	1.8	R2Y	CM+O	1c	R	73.7	67.8	69.3	64.7	82.8	34	1.5	35.6	19.7
Dairyland	DSR-1950/R2Y	1.9	R2Y	CM+O	1c	R	<b>80.0</b>	<b>73</b>		<b>76.2</b>	83.8	32	1.0	34.9	19.7
Dairyland	DSR-2062R	2.2	RR	SmartCote S	1k	R	71.4	65.6	68.1	57.6	<b>85.2</b>	34	1.1	34.4	20.5
Dairyland	DSR-2073R	1.9	RR	SmartCote S	1k	R	72.0	67.1		61.9	82.0	33	1.0	35.1	19.5
Dairyland	DSR-2110/R2Y	2.1	R2Y	CM+O	1c	R	<b>76.6</b>	70.6	71.8	69.4	83.7	32	1.1	36.6	18.0
DF Seeds	DF 5173 N R2Y	1.7	RR2Y	DFender N I	1k	R	75.3	70.8	71.9	66.5	84.1	34	1.3	35.9	19.8
DF Seeds	DF 5193 N R2Y	1.9	RR2Y	DFender N I	1c	R	<b>77.3</b>	70.7	70.4	<b>71.7</b>	82.9	36	1.3	36.0	19.4
DF Seeds	DF 5227 N R2Y	2.2	RR2Y	DFender N I	1c	R	<b>78.1</b>	73.0	74.0	<b>70.3</b>	<b>86.0</b>	36	1.0	34.6	19.3
DF Seeds	DF 6218 N GT PLUS	2.1	BGT	DFender N I	1c	R	74.8			63.6	<b>86.0</b>	31	1.0	34.8	19.8
Dyna-Gro	S16XT58	1.6	RR2X	Eq VIP Clar	1c	R	66.5			62.6	70.4	30	1.3	35.6	19.6
Dyna-Gro	S17RY67	1.7	RR2Y	Eq VIP Clar	1c	R	72.9	68.4	68.5	65.4	80.4	34	1.1	35.1	19.9
Dyna-Gro	S18XT38	1.8	RR2X	Eq VIP Clar	1a,3a	MR	75.9	69.7		<b>72.8</b>	79.0	34	1.1	36.0	19.3
Dyna-Gro	S19RY65	1.9	RR2Y	Eq VIP Clar	1c	R	74.9	74.9	72.4	68.1	81.7	33	1.0	35.6	19.3
Dyna-Gro	S21XT49	2.1	RR2X	Eq VIP Clar	1a,3a	R	<b>78.2</b>			<b>71.4</b>	<b>85.0</b>	33	1.1	36.0	19.2
Dyna-Gro	SX18716XT	1.6	RR2X	Eq VIP Clar	1c	R	69.6			67.9	71.2	29	1.0	36.3	19.2
Golden Harvest	GH1852X	1.8	RR2X	Clar, CM, Vib	1c	R3,MR14	68.8			62.5	75.0	31	1.0	35.0	19.7
Golden Harvest	GH1915X	1.9	RR2X	Clar, CM, Vib	1c	R3,MR14	72.5	69.6		<b>70.0</b>	75.0	30	1.1	35.5	19.7
Golden Harvest	GH2041X	2.0	RR2X	Clar, CM, Vib	1c	R3,MR14	73.1	69.6		68.0	78.2	30	1.1	36.1	19.5
Golden Harvest	GH2230X	2.2	RR2X	Clar, CM, Vib	1c	R3,MR14	72.3	69.9		63.6	81.0	31	1.0	35.8	19.6
Legacy Seeds	LS-1639N	1.6	RR2X	L-Coat Total	1c	R3,MR14	69.0			64.6	73.5	29	1.0	35.7	19.4
Legacy Seeds	LS-1838N	1.8	RR2X	L-Coat Total	1a,3a	MR3, MR14	<b>78.5</b>			<b>71.0</b>	<b>86.1</b>	33	1.0	36.6	19.0
Legacy Seeds	LS-2139N	2.1	RR2X	L-Coat Total	1a,3a	R3,MR14	<b>76.7</b>			68.3	<b>85.1</b>	32	1.0	36.0	19.2
LG Seeds	C1838RX	1.8	RR2X	Agr F/I + I	1a,3a	R	<b>78.1</b>			<b>72.1</b>	<b>84.1</b>	33	1.0	35.6	19.3
LG Seeds	C2020R2	2.0	RR2X	Agr F/I + I	1c	R	75.2			65.0	<b>85.4</b>	34	1.4	35.9	19.4
LG Seeds	C2255R2	2.2	RR2X	Agr F/I + I	1c	R	<b>78.1</b>			69.0	<b>87.3</b>	37	1.1	34.9	19.7
LG Seeds	LGS1635RX	1.6	RR2X	Agr F/I + I	1c	R	65.6			56.5	74.8	29	1.0	36.6	19.0
LG Seeds	LGS2007RX	2.0	RR2X	Agr F/I + I	1a,3a	R	<b>78.0</b>			<b>73.6</b>	82.5	32	1.0	36.2	19.1
LG Seeds	LGS2239RX	2.2	RR2X	Agr F/I + I	1c	R	71.8			66.1	77.5	35	1.4	34.9	19.7
Mission Seed Solutions	AMP A1946NR2	1.9	R2	Intego F/I	1c	R3,MR14	<b>79.2</b>			<b>76.9</b>	81.6	32	1.0	35.1	19.6
NK Brand	S18-H3X	1.8	RR2X	Clariva	1c	MR	69.3			62.0	76.6	30	1.3	35.4	19.6
NK Brand	S20-J5X	2.0	RR2X	Clariva	1c	MR	73.3	70.2		63.0	83.7	31	1.3	36.1	19.4
NK Brand	S21-W8X	2.1	RR2X	Clariva	1c	MR	76.2	72.6		68.0	<b>84.5</b>	32	1.3	35.7	19.7
Renk	RS149NX	1.4	RR2X	AM-C	1c	R	68.1			59.9	76.2	29	1.0	36.7	19.0
Renk	RS169NX	1.6	RR2X	AM-C	1c	R	73.7			66.3	81.1	37	1.3	35.2	19.7

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BRAND	VARIETY	Maturity		TMT <sup>1</sup>	Phyto Res	SCN	YIELD (BU/AC)									
		Group	Herb				2018 AVG	17-18 AVG	16-18 AVG	Saginaw	Sanilac	Height	Lodging	Protein	Oil	
Renk	RS188NX	1.8	RR2X	AM-C	1a,3a	R	75.6	69.4		<b>71.7</b>	79.6	33	1.0	36.3	19.2	
Renk	RS207NX	2.0	RR2X	AM-C	1c	R	<b>80.3</b>	72.7	73.2	<b>73.7</b>	<b>86.9</b>	36	1.1	35.8	19.6	
Renk	RS213NR2	2.1	RR2Y	AM-C	1c	R	73.7	69.4	70.2	67.4	80.0	33	1.1	35.3	19.7	
Renk	RS219NX	2.1	RR2X	AM-C	1a,3a	R	<b>79.3</b>			<b>71.1</b>	<b>*87.5</b>	33	1.1	36.0	19.4	
Rupp	RS 18XT17	1.8	RR2X	AM-C, I	1a,3a	R	<b>80.8</b>	72.6		<b>76.2</b>	<b>85.4</b>	34	1.1	36.5	18.9	
Rupp	RS 21XT18	2.1	RR2X	AM-C, I	1a,3a	R	<b>80.5</b>			<b>73.7</b>	<b>87.3</b>	33	1.1	36.2	19.2	
Seedway	SG2253XT	2.2	RR2X				74.9			68.1	81.8	31	1.0	35.9	19.5	
Specialty	2083R2X	2.0	RR2X	ACL, P, V	1a,3a	R3	<b>*82.0</b>			<b>*77.4</b>	<b>86.6</b>	33	1.0	36.6	19.1	
Specialty	2271R2X	2.2	RR2X	ACL, P, V		R3	<b>77.9</b>	69.6		<b>70.8</b>	<b>84.9</b>	31	1.0	35.8	19.2	
<b>GRAND MEAN</b>							<b>74.1</b>			<b>67.0</b>	<b>81.1</b>	<b>32</b>	<b>1.1</b>	35.7	19.5	
<b>Max.</b>							<b>82.0</b>			<b>77.4</b>	<b>87.5</b>	<b>37</b>	<b>1.5</b>	37.4	20.7	
<b>Min.</b>							<b>64.1</b>			<b>53.9</b>	<b>70.4</b>	<b>29</b>	<b>1.0</b>	34.0	18.0	
<b>LSD (0.05)</b>							<b>6.0</b>			<b>9.6</b>	<b>7.4</b>	<b>2</b>	<b>0.4</b>	0.9	0.5	
<b>CV (%)</b>							<b>7.0</b>			<b>8.6</b>	<b>5.5</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