

TABLE 3. 2019 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.3 - 2.2), SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	Herb	TMT ¹	Phyto Res	SCN	YIELD (BU/AC)			2019 AVERAGE						
							2019	18-19	17-19	Allegan	Gratiot	Saginaw	Height	Lodging	Protein	Oil
							AVG	AVG	AVG							
AG Armour Seeds	AA 2017 GT	2.0	GT	Ag Armour	1k		53.5	61.8		57.8	54.6	48.1	30	1.0	40.8	20.7
Credenz	CZ 1549GTLL	1.5	LLGT27	R,A,P,V,I	1k	R	56.4			65.4	53.5	50.3	31	1.0	38.5	21.8
Credenz	CZ 1660GTLL	1.6	LLGT27	R,A,P,V,I	1k	R	61.8			71.2	55.2	59.0	29	1.0	39.4	22.0
Credenz	CZ 1850GTLL	1.8	LLGT27	R,A,P,V,I	1k	R	62.1			73.1	56.5	56.7	28	1.0	38.5	21.5
Credenz	CZ 1859GTLL	1.8	LLGT27	R,A,P,V,I	1k	R	64.1			74.6	62.3	55.3	29	1.0	39.7	21.6
Credenz	CZ 2040GTLL	2.0	LLGT27	R,A,P,V,I	1a	R	62.3			70.4	59.0	57.6	31	1.0	38.0	21.4
DF Seeds	DF 3130 N E3	1.3	ENLIST	DFender N N-H I	1c	R	59.0			70.0	48.0	58.9	31	1.1	38.9	21.3
DF Seeds	DF 3180 N E3	1.8	ENLIST	DFender N N-H I		R	58.6			67.9	55.0	52.9	27	1.0	39.0	21.3
DF Seeds	DF 3190 N E3	1.9	ENLIST	DFender N N-H I	1c	R	59.4			70.4	53.0	54.8	29	1.0	37.9	22.2
DF Seeds	DF 3200 N E3	2.0	ENLIST	DFender N N-H I	1c	R	63.6			78.6	54.7	57.4	31	1.0	39.5	21.3
DF Seeds	DF 5100 N R2Y	1.0	RR2Y	DFender N N-H I		R	54.9			66.2	51.9	46.7	27	1.0	38.9	21.7
DF Seeds	DF 5173 N R2Y	1.7	RR2Y	DFender N N-H I	1k	R	61.7	68.5	67.7	68.1	58.2	58.7	32	1.0	38.1	21.6
DF Seeds	DF 5227 N R2Y	2.2	RR2Y	DFender N N-H I	1c	R	63.4			73.2	60.7	56.4	35	1.0	38.2	20.7
DF Seeds	DF 6150 N LLGT27	1.6	LLGT27	DFender N N-H I	1k	R	61.1			75.4	51.3	56.6	29	1.0	37.9	22.4
DF Seeds	DF 6189 N LLGT27	1.8	LLGT27	DFender N N-H I	1c	R	64.6			74.7	58.7	*60.4	30	1.0	37.8	21.8
DF Seeds	DF 6210 N LLGT27	2.0	LLGT27	DFender N N-H I		R	60.4			74.8	48.4	58.1	28	1.0	38.9	21.9
DF Seeds	DF 6219 N LLGT27	2.1	LLGT27	DFender N N-H I	1c	R	61.0			73.6	57.1	52.3	30	1.1	37.0	21.5
DF Seeds	DF 7090 N X	0.9	RR2X	DFender N N-H I		R	55.0			64.6	48.7	51.6	27	1.0	37.8	21.6
DF Seeds	DF 7220 N X	2.2	RR2X	DFender N N-H I	1c	R	65.2			77.7	60.0	57.9	33	1.3	37.8	21.6
Dyna-Gro	S13XT89	1.3	RR2X	Eq,Clar	1c	R	56.6			67.0	53.8	49.0	29	1.0	37.9	21.3
Dyna-Gro	S14EN90	1.4	ENLIST	Eq,Clar	1c	R	61.7			71.2	58.2	55.6	30	1.0	40.0	20.7
Dyna-Gro	S17EN80	1.7	ENLIST	Eq,Clar	S	R	58.6			64.3	58.9	52.7	28	1.0	38.6	21.0
Dyna-Gro	S17XT29	1.7	RR2X	Eq,Clar	1c	R	60.3			71.5	55.3	54.2	28	1.0	39.2	21.2
Dyna-Gro	S18XT38	1.8	RR2X	Eq,Clar	1a,3a	MR	62.4	69.2	67.2	78.1	54.1	55.0	33	1.0	40.1	21.3
Dyna-Gro	S19EN59	1.9	ENLIST	Eq,Clar	1c	R	60.0			73.1	48.7	58.1	28	1.0	37.3	22.1
Dyna-Gro	S19XT30	1.9	RR2X	Eq,Clar	S	R	61.4			72.8	58.4	53.0	30	1.0	38.4	21.4
Dyna-Gro	S21EN70	2.1	ENLIST	Eq,Clar	1c,3a	R	61.2			76.3	55.3	51.9	30	1.0	39.3	21.4
Dyna-Gro	S21XT49	2.1	RR2X	Eq,Clar	1a,3a	R	*66.0	72.1		77.5	63.2	57.3	32	1.0	39.6	20.8
FS HiSOY®	HS 19X90	1.9	RR2X	ACL + I		R	63.4			77.7	56.8	55.6	30	1.0	37.5	21.4
FS HiSOY®	HS 21X90	2.1	RR2X	ACL + I	1c	R	59.2			74.5	50.6	52.6	28	1.0	37.7	21.1
Genesis	G1680GL	1.6	LLGT27	ECLISPE US	1k	R	63.2			67.6	*63.9	58.0	27	1.0	38.4	22.3
Genesis	G1840E	1.8	ENLIST	ECLISPE US		R	57.2			64.3	56.4	51.0	26	1.0	38.3	21.4
Genesis	G2140E	2.1	ENLIST	ECLISPE US	1c,3a	R	58.0			72.6	48.7	52.7	31	1.1	38.8	21.6
Genesis	G2181GL	2.2	LLGT27	ECLISPE US		R	61.4			74.7	57.7	51.9	29	1.0	39.8	21.8
Golden Harvest	GH1915X	1.9	RR2X	AM-C, Clar + Mer	1c	R3MR14	62.9	67.7	67.3	72.8	56.1	59.9	30	1.0	38.4	21.9
Golden Harvest	GH2041X	2.0	RR2X	AM-C, Clar + Mer	1c	R3MR14	62.2	67.7	67.1	73.0	57.1	56.6	29	1.0	38.5	21.4
Golden Harvest	GH2230X	2.2	RR2X	AM-C, Clar + Mer	1c	R3MR14	59.9	66.1	66.5	68.9	55.8	55.0	30	1.1	37.6	21.5
Legacy Seeds	LS-1039N	1.0	RR2Y	L-Coat Total	1k,3a	R1, R3, R5	51.6			66.1	49.0	39.8	26	1.0	37.3	21.9
Legacy Seeds	LS-1439N	1.4	RR2X	L-Coat Total	1c	R3, MR14	57.9			74.0	47.2	52.5	28	1.0	38.4	21.0
Legacy Seeds	LS-1510N	1.5	LLGT27	L-Coat Total	1k	R3 MR14	60.7			74.6	56.1	51.5	28	1.0	39.0	22.1
Legacy Seeds	LS-1639N	1.6	RR2X	L-Coat Total	1c	R3	58.2	63.6		68.7	53.6	52.3	28	1.0	40.7	21.2
Legacy Seeds	LS-1810N	1.8	LLGT27	L-Coat Total		R3, MR14	59.7			71.6	55.4	52.1	27	1.0	37.7	22.3
Legacy Seeds	LS-1820N	1.8	ENLIST	L-Coat Total		R3, MR14	60.3			66.3	62.8	51.8	28	1.0	38.9	21.5
Legacy Seeds	LS-1838N	1.8	RR2X	L-Coat Total	1a,3c	MR3, MR14	61.2	69.8		70.1	57.7	55.7	31	1.0	39.3	21.0
Legacy Seeds	LS-2139N	2.1	RR2X	L-Coat Total	1a,3c	R3, MR14	62.0	69.4		77.6	53.2	55.3	32	1.0	38.6	21.2
LG Seeds	C1838RX	1.8	RR2X	AgriShield Max, I	1c	Yes	63.3	70.7		74.5	60.2	55.2	32	1.0	38.4	21.5
LG Seeds	LGS1635RX	1.6	RR2X	AgriShield Max, I	1c	Yes	59.2	62.4		67.6	57.3	52.8	28	1.0	39.9	21.9

TABLE 3. 2019 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.3 - 2.2), SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	Herb	TMT ¹	Phyto Res	SCN	YIELD (BU/AC)			2019 AVERAGE						
							2019	18-19	17-19	Allegan	Gratiot	Saginaw	Height	Lodging	Protein	Oil
							AVG	AVG	AVG							
LG Seeds	LGS2007RX	2.0	RR2X	AgriShield Max, I	3a,1a	Yes	65.9	72.2		*79.7	60.2	57.7	31	1.0	39.8	21.2
Local Seed Company	LS1887X	1.8	RR2X	Radius 500	1a	MR3,MR14	61.7			73.3	55.2	56.7	31	1.0	39.3	21.0
Local Seed Company	ZS1999 GL	1.9	LLGT27	Radius 500		R3,MR14	59.9			70.3	55.6	53.9	30	1.0	38.1	21.7
Local Seed Company	ZS2097 E3	2.0	ENLIST	Radius 500	1c,3a	R3,MR14	61.9			74.8	55.0	55.8	31	1.0	38.2	21.9
M&W Seeds	19R32 GT27	1.9	LLGT27		1k	MR14	60.7			69.3	56	56.7	30	1.0	38.5	21.4
M&W Seeds	20E51 E3	2.0	ENLIST				60.1			73.9	53.7	52.8	29	1.0	37.3	22.4
M&W Seeds	21E26 E3	2.1	ENLIST				59.5			69.4	55.0	54.2	29	1.0	38.0	21.1
MCIA	2119 GTLL27	2.1	LLGT27	CM			62.4			73.4	54.0	59.8	30	1.0	39.2	21.3
Renk Seed	RS149NX	1.4	RR2X	Eclips US	1c	R	57.8	62.9		69.8	50.8	52.7	27	1.0	39.2	20.9
Renk Seed	RS153NR2	1.5	RR2Y	Eclips US	1c		60.0			67.8	57.5	54.6	30	1.0	39.2	21.8
Renk Seed	RS170NX	1.6	RR2X	Eclips US	1c	R	59.4			68.4	56.5	53.2	28	1.0	38.5	21.4
Renk Seed	RS200NX	2.0	RR2X	Eclips US	1c	R	59.6			72.5	53.9	52.3	29	1.0	37.3	20.8
Renk Seed	RS213NR2	2.1	RR2Y	Eclips US	1c	R	59.3	66.5	66.0	69.4	50.2	58.2	31	1.0	39.6	21.7
Renk Seed	RS219NX	2.1	RR2X	Eclips US	1a,3a	R	64.5	71.9		75.3	57.9	60.3	33	1.0	40.2	20.9
Rupp Seeds	RS 18XT17	1.8	RR2X	AM-C	1a,3a	R3, MR14	63.0	71.9	69.9	73.9	59.8	55.2	31	1.0	39.9	20.7
Rupp Seeds	RS 21XT18	2.1	RR2X	AM-C	1a,3a	R3, MR14	64.6	72.6		76.1	61.3	56.4	33	1.0	38.8	21.0
Specialty Hybrids	2083R2X	2.0	RR2X	ACL, G, NemaStrike	1a, 3a	R3	64.9	73.5		78.0	58.8	57.9	33	1.0	39.6	20.9
Specialty Hybrids	2293R2X	2.2	RR2X	ACL, G, NemaStrike	1c	R3	60.8			67.4	59.5	55.6	32	1.0	37.9	22.2
GRAND MEAN							63.2			71.7	55.7	54.6	30	1.0	38.7	21.5
Max.							65.9			79.7	63.9	60.4	35	1.3	40.8	22.4
Min.							51.6			57.8	47.2	39.8	26	1.0	37.0	20.7
LSD (0.05)							4.6			6.6	7.9	7.1	2	0.1	2.1	0.7
CV (%)							8.0			5.6	8.5	7.8	8	7.9	3.2	1.9

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

Protein and oil are based on dry matter

* High yield in plot

Top 1/3 of trial is Bold