

TABLE 3. 2020 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.3 - 2.2),SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity			Phyto Res	SCN	YIELD (BU/AC)			2020 AVERAGE						
		Group	Herb	TMT ¹			2020 AVG	19-20 AVG	18-20 AVG	Allegan	Ingham	Saginaw	Height	Lodging	Protein	Oil
Ag Armour	AA 1521 E3	1.5	E3	AA ELITE	1k	R	51.4			59.2	38.2	56.8	30	1.1	38.2	21.8
Ag Armour	AA 2019 LL/GT27	2.0	LLGT27	AA ELITE		R	59.9			65.4	52.5	61.8	33	1.0	37.3	22.1
Ag Armour	AA 2021 E3	2.0	E3	AA ELITE	1k	R	56.2			64.6	47.4	56.7	30	1.2	36.1	22.2
Credenz	CZ 1850GTLL	1.8	LLGT27	ObviusPlus, P/V/I	1k	R3MR14	53.7	57.9		63.6	45.3	52.2	29	1.3	37.9	21.8
Credenz	CZ 1859GTLL	1.8	LLGT27	ObviusPlus, P/V/I	1k	R3MR14	52.6	58.33		64.1	42.5	51.1	31	1.0	37.1	22.5
Credenz	CZ 2040GTLL	2.0	LLGT27	ObviusPlus, P/V/I	1a	R3MR14	51.9	57.12		59.0	42.5	54.3	32	1.0	37.7	22.2
Credenz	CZ 2230GTLL	2.2	LLGT27	ObviusPlus, P/V/I	1a	R3MR14	58.0			66.4	49.6	58.0	35	1.5	39.2	21.6
Dairyland	DS-1318E	1.3	E3	Lum, EG, L-2030-R, G, I, Inoc.	1c		51.0			59.6	37.4	55.9	32	1.0	38.0	21.0
Dairyland	DS-1673E	1.6	E3	Lum, EG, L-2030-R, G, I, Inoc.	1k		50.8			58.0	46.1	48.4	29	1.1	37.7	21.8
Dairyland	DS-2030E	2.0	E3	Lum, EG, L-2030-R, G, I, Inoc.	3a,1c		54.6			66.4	46.7	50.7	32	1.0	37.1	22.1
Dairyland	DS-2112E	2.1	E3	Lum, EG, L-2030-R, G, I, Inoc.			56.7			68.7	43.7	57.8	32	1.2	37.1	22.4
Dairyland	DS-2259E	2.2	E3	Lum, EG, L-2030-R, G, I, Inoc.			54.3			63.0	48.2	51.6	35	1.2	38.7	21.6
Dairyland	E20-101E	2.0	E3	lum, EG, L-2030-R, G, I, Inoc.			54.9			66.9	42.0	55.8	31	1.2	38.1	21.6
DF Seeds	DF 3141 N E3	1.4	E3	DFender-N-I	1k	R	50.3			59.5	43.4	48.0	31	1.3	36.8	22.7
DF Seeds	DF 3191 N E3	1.9	E3	DFender-N-I		R	52.8			63.8	45.0	49.6	30	1.1	37.3	21.5
DF Seeds	DF 3211 N E3	2.1	E3	DFender-N-I	1k	R	53.8			66.5	45.5	49.3	31	1.1	35.9	22.2
DF Seeds	DF 6131 N LLGT27	1.3	LLGT27	DFender-N-I	1k	R	52.9			67.0	41.4	50.4	31	1.1	38.8	22.7
DF Seeds	DF 6161 N LLGT27	1.6	LLGT27	DFender-N-I	1k	R	^			69.6	39.9	^	29	1.3	38.4	22.8
DF Seeds	DF 6191 N LLGT27	1.9	LLGT27	DFender-N-I		R	^			65.7	40.8	^	30	1.1	35.4	23.1
DF Seeds	DF 6210 N LLGT27	2.1	LLGT27	DFender-N-I		R	52.8	56.62		63.9	44.1	50.3	31	1.0	39.0	21.5
Dyna-Gro	S11EN40	1.1	E3	Eq plus Saltro	1c	R	49.8			57.8	39.4	52.3	30	1.0	37.9	21.0
Dyna-Gro	S14EN90	1.4	E3	Eq plus Saltro	1c	R	51.3	56.5		58.0	42.6	53.3	33	1.0	39.7	21.5
Dyna-Gro	S18XT38	1.8	RR2X	Eq plus Saltro	1a, 3a	MR	54.2	58.3	64.2	62.8	46.6	53.1	34	1.1	38.2	22.4
Dyna-Gro	S19EN21	1.9	E3	Eq plus Saltro		R	58.8			*72.9	47.5	56.0	32	1.3	37.4	21.5
Dyna-Gro	S19XT30	1.9	RR2X	Eq plus Saltro		MR	55.7	58.55		58.1	51.5	57.6	34	1.2	37.2	21.6
Dyna-Gro	S21EN81	2.1	E3	Eq plus Saltro	1k	R	60.0			71.8	48.5	59.8	33	1.4	36.4	22.1
Dyna-Gro	S21GL41	2.1	LLGT27	Eq plus Saltro		R	53.4			64.9	42.5	52.9	34	1.2	37.2	22.5
Dyna-Gro	S21XT49	2.1	RR2X	Eq plus Saltro	1a, 3a	R	57.0	61.5	67.1	65.8	51.0	54.3	33	1.0	37.9	22.2
Golden Harvest	GH1763E3	1.7	E3	CM,Vib,Saltro		R3MR14	53.4			59.5	51.2	49.5	30	0.9	36.7	22.3
Golden Harvest	GH2011E3	2.0	E3	CM,Vib,Saltro	1c,3a	R3MR14	53.2			61.5	44.5	53.6	34	1.1	38.1	22.0
Golden Harvest	GH2041X	2.0	RR2X	CM,Vib,Saltro	1c	R3MR14	58.3	60.27	64.5	67.7	52.5	54.6	32	1.2	39.6	21.5
Golden Harvest	GH2230X	2.2	RR2X	CM,Vib,Saltro	1c	R3MR14	56.3	58.1	62.8	64.6	48.8	55.6	31	1.2	38.3	22.0
Growmark	HS 21X90	2.1	RR2X	ACL	1c	R	52.7	55.97		58.3	44.1	55.8	32	1.1	38.2	20.6
Growmark	HS 22X00	2.2	RR2X	ACL	1k	R	*60.5			68.4	49.6	*63.6	34	1.3	37.0	22.0
LG Seeds	C1000RX	1.0	RR2X	AgriShield Max w/Saltro	3a	R	50.1			60.6	38.3	51.4	32	1.1	40.6	21.6
LG Seeds	C1838RX	1.8	RR2X	AgriShield Max w/Saltro	3a,1a	R	59.8	61.55	67.1	69.7	51.3	58.3	35	1.0	38.7	22.0
LG Seeds	LGS1550RX	1.5	RR2X	AgriShield Max w/Saltro	1c	R	53.9			62.0	44.9	54.7	30	1.1	38.3	22.2
LG Seeds	LGS2007RX	2.0	RR2X	AgriShield Max w/Saltro	3a,1a	R	57.9	62.2	67.4	64.8	48.0	60.8	35	1.1	38.2	22.1
Local Seed Company	LS1407E3	1.4	E3	Radius Premium	1k	R3,MR14	56.6			66.8	47.2	55.9	35	1.1	37.5	22.7
Local Seed Company	LS1887X	1.8	RR2X	Radius Premium	3a,1a	MR3,MR14	52.3	57.02		62.0	44.0	50.8	35	1.1	37.4	22.3
Local Seed Company	ZS1999GL	1.9	LLGT27	Radius Premium		R3,MR14	56.2			62.2	49.5	56.9	31	1.0	37.7	21.9
M&W Seeds	M&W 20L69	2.0	GT27	Titan		R3,MR14	47.7			61.6	43.3	38.1	32	1.0	36.2	22.7
M&W Seeds	M&W 21E26	2.1	E3	Titan		R3,MR14	56.4			66.7	48.5	54.0	33	1.0	38.2	22.0
M&W Seeds	M&W MWX17E	1.7	E3	Titan	1k	R3,MR14	53.9			60.0	47.3	54.5	29	1.0	37.2	21.8
MCIA	MCIA 2119 LL/GT27	2.2	LLGT27	CM		R	55.7			69.2	47.2	50.7	34	1.2	37.6	22.3
NK Seeds	S14-U9X	1.4	RR2X	CM,Vib,Saltro		R	53.1			62.2	46.7	50.4	32	1.0	37.7	21.9
NK Seeds	S15-3E3	1.5	E3	CM,Vib,Saltro	1c	R	55.3			59.7	48.9	57.3	31	1.0	38.3	22.2
NK Seeds	S20-E3	2.0	E3	CM,Vib,Saltro	1c,3a	R	53.7			58.9	46.2	56.1	33	1.1	38.9	21.7

TABLE 3. 2020 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)			2020 AVERAGE							
							2020 AVG	19-20 AVG	18-20 AVG	Allegan	Ingham	Saginaw	Height	Lodging	Protein	Oil	
							NK Seeds	S20-J5X	2.0	RR2X	CM,Vib,Saltro	1c	MR	56.7			65.0
NK Seeds	S22-E3	2.2	E3	CM,Vib,Saltro	1k	R	54.5			62.9	46.4	54.1	33	1.3	37.6	21.8	
Renk Seed	GENESIS G1450E	1.4	E3	Eclipse Trio	1k	R	49.6			56.8	45.1	47.0	31	1.2	36.9	22.6	
Renk Seed	GENESIS G1650E	1.6	E3	Eclipse Trio	1k	R	52.7			60.3	43.1	54.6	29	1.2	37.3	21.8	
Renk Seed	GENESIS G2150E	2.1	E3	Eclipse Trio, Saltro	1k	R	59.3			67.5	52.5	58.0	31	1.3	35.7	22.1	
Renk Seed	GENESIS G2190GL	2.1	LLGT27	Eclipse Trio, Saltro		R	53.5			72.2	48.7	39.5	32	1.2	36.7	22.6	
Renk Seed	RENK RS181NX	1.8	RR2X	Eclipse Trio	1c	R	54.5			63.2	46.2	54.0	35	1.0	37.6	22.4	
Renk Seed	RENK RS150NX	1.5	RR2X	Eclipse Trio	1c	R	52.1			59.3	46.0	51.0	31	1.1	38.3	22.9	
Rupp Seeds	RS 18XT17	1.8	RR2X	CM	1a,3a	R	57.7	60.33	67.2	69.9	*53.2	50.1	34	1.1	38.5	22.0	
Rupp Seeds	RS 19EL37	1.0	E3	CM		R	^			^	48.0	54.0	30	1.3	37.8	21.3	
Rupp Seeds	RS 20BG47	2.1	GT27	CM		R	50.2			64.0	44.7	41.8	33	1.0	36.1	22.9	
Rupp Seeds	RS 21EL57	2.1	E3	CM	1k	R	^			^	50.1	55.0	31	1.3	37.0	22.0	
Specialty Hybrids	2083R2X	2.0	RR2X	ACL, G	1a,3a	R3	57.6	61.3	68.2	67.2	51.1	54.4	33	1.0	37.7	22.1	
Xitavo	XO 1761E	1.7	E3	ObviusPlus, P/V/I	testing	R3MR14	52.6			60.5	46.5	50.7	30	1.0	37.5	21.8	
Xitavo	XO 1971E	1.9	E3	ObviusPlus, P/V/I	testing	R3MR14	51.5			52.9	42.9	58.7	31	1.0	37.1	21.5	
Xitavo	XO 2181E	2.1	E3	ObviusPlus, P/V/I	testing	R3MR14	56.5			62.0	46.1	61.3	31	1.1	36.5	22.2	
GRAND MEAN							54.5			63.9	46.1	53.6	32	1.1	37.7	22.0	
Max.							60.5			72.9	53.2	63.6	35	1.5	40.6	23.1	
Min.							47.7			52.9	37.4	38.1	29	0.9	35.4	20.6	
LSD (0.05)							5.9			10.7	8.1	8.8					
CV (%)							10.2			10.0	10.6	9.9					

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

* High yield in plot

Top 1/3 of trial is Bold

^ data not available