

TABLE 3. 2021 MICHIGAN CENTRAL ROUND-UP READY / Early Maturity, (1.3 - 2.2),SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity		Phyto	YIELD (BU/AC)					2021 AVERAGE								
		Group	Herb		TMT ¹	Res	SCN	2021	20-21	19-21	Allegan	Ingham	Saginaw	Sanilac	Height	Lodging	Protein	Oil
								AVG	AVG	AVG								
Ag Armour	AA 1922 E3	1.9	E3	Ag Armour Elite	1c	MR3	63.5			50.0	72.0	70.3	61.6	32	1.5	44.6	21	
Ag Armour	AA 2122 LL/GT27	2.1	LL/GT27	Ag Armour Elite		R3MR14	73.5			71.6	87.0	72.1	63.3	34	1.3	43.3	21.4	
Credenz	CZ 1331GTLL	1.3	LLGT27	P,V,I,Obv	1k	R3MR14	72.6			69.6	86.3	73.1	61.4	31	1.2	42.7	21.3	
Credenz	CZ 1660GTLL	1.6	LLGT27	P,V,I,Obv	1k	R3MR14	73.0			72.6	86.0	74.8	58.7	31	1.3	43.2	20.9	
Credenz	CZ 2040GTLL	2.0	LLGT27	P,V,I,Obv	1a	R3MR14	72.6	62.2	62.3	68.2	88.4	72.3	61.3	33	1.3	42.6	21.3	
Dairyland	DSR-1290E	1.2	E3	EG,G,I,LUM		R	70.5			62.0	90.0	74.0	55.9	33	2.2	42.7	21.8	
Dairyland	DSR-1450E	1.4	E3	EG,G,I,LUM		R	*79.1			67.0	*95.4	78.3	*75.7	33	1.3	42.9	21.7	
Dairyland	DSR-1673E	1.6	E3	EG,G,I,LUM	1k	R	71.6			72.2	84.3	68.4	61.5	30	1.3	43.4	21.1	
Dairyland	DSR-1707E	1.7	E3	EG,G,I,LUM	1k	R	72.7			68.9	84.5	70.0	67.5	33	1.4	42.7	21.9	
Dairyland	DSR-1820E	1.8	E3	EG,G,I,LUM	1k	R	73.3			66.9	87.5	71.8	66.8	30	1.0	43.2	20.9	
Dairyland	DSR-2030E	1.9	E3	EG,G,I,LUM	1c, 3a	R	73.3			60.5	86.7	72.5	73.3	33	2.0	43.3	20.3	
Dairyland	DSR-2040E	2.0	E3	EG,G,I,LUM	1k	R	76.3			66.1	92.3	77.0	69.8	31	1.3	42.1	21.1	
Dairyland	DSR-2112E	2.1	E3	EG,G,I,LUM		R	70.7			61.0	83.5	73.6	64.6	35	1.4	42.4	21.9	
Dairyland	DSR-2222E	2.2	E3	EG,G,I,LUM	1c, 3a	R	72.9			67.9	80.5	72.5	70.8	34	1.5	43.4	19.9	
DF Seeds	DF 3141 N E3	1.4	E3	DFender-N-I	1k	R	73.7	62		67.6	89.6	73.1	64.3	33	1.5	43	22	
DF Seeds	DF 3172 N E3	1.7	E3	DFender-N-I	3a	R	75.9			67.8	92.2	75.3	68.1	32	2.3	44.1	21.2	
DF Seeds	DF 3191 N E3	1.9	E3	DFender-N-I	1k	R	78.9	65.8		72.1	92.8	*78.6	71.9	34	1.3	43.3	20.6	
DF Seeds	DF 3211 N E3	2.1	E3	DFender-N-I	1k	R	73.5	63.7		58.9	91.6	76.1	67.5	33	1.5	42.1	21.5	
DF Seeds	DF 6210 N LLGT27	2.1	GT27	DFender-N-I		R	72.8	62.8	62.0	64.2	91.3	74.2	61.5	33	1.2	43	21.5	
Dyna-Gro	S15XF82	1.5	XF	Equity VIP Saltro	3a	MR	76.6			68.6	95.3	76.3	66.0	36	1.8	42.5	21.2	
Dyna-Gro	S17XF02	1.7	XF	Equity VIP Saltro	1c	R	76.3			77.3	87.6	73.9	66.5	33	1.3	42.9	20.9	
Dyna-Gro	S18EN52	1.8	E3	Equity VIP Saltro	1c	MR	72.8			72.0	82.4	65.7	71.0	34	1.4	43.2	21.6	
Dyna-Gro	S19EN21	1.9	E3	Equity VIP Saltro		R	78.2	68.5		70.8	94.1	74.9	73.1	33	1.2	43	20.6	
Dyna-Gro	S21EN81	2.1	E3	Equity VIP Saltro	1k	R	77.2	68.6		68.3	94.4	72.4	73.7	33	1.7	43	21.4	
Dyna-Gro	S21XF61	2.1	XF	Equity VIP Saltro	1c	R	72.1			74.6	79.4	72.6	61.6	34	1.3	44.2	20.3	
Dyna-Gro	S21XF72	2.1	XF	Equity VIP Saltro	3a	R	73.7			68.8	84.8	71.8	69.3	35	1.7	44.8	19.9	
Dyna-Gro	S20EN92	2.0	E3	Equity VIP Saltro	1c	MR	74.6			74.9	80.4	68.4	74.7	35	1.3	43.1	21.6	
Golden Harvest	GH1762XF	1.7	XF	CM,Vib,Saltro	1c	MR3	75.9			75.2	90.8	75.3	62.2	36	1.8	43.3	21.2	
Golden Harvest	GH1802E3	1.8	E3	CM,Vib,Saltro	1c	R3	69.0			59.3	81.4	71.8	63.6	35	1.5	43.8	21.8	
Golden Harvest	GH1922E3	1.9	E3	CM,Vib,Saltro	1k	R3MR14	72.5			77.0	82.7	66.6	63.6	36	1.8	43.4	21.1	
Golden Harvest	GH1932XF	1.9	XF	CM,Vib,Saltro	1c,3a	MR3	68.5			64.7	80.0	64.1	65.2	38	2.5	45.5	20.7	
Golden Harvest	GH2011E3	2.0	E3	CM,Vib,Saltro	1c,3a	R3MR14	70.7	62.0		65.9	83.2	72.1	61.7	34	1.4	43.7	20.1	
Golden Harvest	GH2041X	2.0	RR2X	CM,Vib,Saltro	1c	R3MR14	70.8	64.6	63.8	57.2	85.4	75.5	65.1	33	1.7	43.7	21.3	
Golden Harvest	GH2102XF	2.1	XF	CM,Vib,Saltro	1c	MR3	75.5			70.3	89.6	74.6	67.5	33	2.0	44	21.2	
Golden Harvest	GH2292E3	2.2	E3	CM,Vib,Saltro	1c	MR3	74.4			73.3	89.8	74.7	59.8	32	1.5	43.5	20.8	
Local	IS1575E3	1.5	E3	Radius Premium	1k	R3MR14	72.6			70.0	85.0	69.9	65.6	35	1.6	43.4	22	
Local	IS1843E3	1.8	E3	Radius Premium	1c	R3	73.9			69.3	87.2	67.5	71.7	34	1.6	43.3	21.9	
Local	IS1929E3	1.9	E3	Radius Premium		R3,MR14	74.1			59.3	93.0	73.6	70.3	34	1.1	43.4	20.5	
Local	LS1887X	1.8	RR2X	Radius Premium	1a,3a	MR3,MR14	75.3	63.8	63.1	71.8	87.3	70.2	71.9	35	1.3	44.5	20.1	
M&W Seeds	M&W 21E26	2.1	E3	Titan N-H		R3,MR14	68.5	62.5		63.3	81.6	69.3	59.9	33	1.3	43.6	20	
MCIA	MCIA 2221 LL/GT	2.2	LL/GT	CM		R	72.2			63.6	89.2	71.5	64.3	35	1.2	42.4	20.7	
MSU	E19497GT	1.5	RR1	DFender-N-I			67.5			62.7	75.3	70.2	61.7	35	2.0	44	22.2	
NK	NK14-C7XF	1.4	XF	CM,Vib,Saltro	1c	MR	78.9			*81.6	91.1	70.7	72.1	37	1.8	42.9	21	
NK	NK14-W6E3	1.4	E3	CM,Vib,Saltro	1c,3a	R	75.4			78.8	82.4	70.8	69.7	32	1.8	43.7	20.5	
NK	NK18-J7E3	1.8	E3	CM,Vib,Saltro	1c	R	72.3			67.0	86.3	68.1	67.9	34	1.5	43.5	21.5	

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BRAND	VARIETY	Maturity		TMT ¹	Phyto		YIELD (BU/AC)										
		Group	Herb		Res	SCN	2021 AVG	20-21 AVG	19-21 AVG	2021 AVERAGE							
										Allegan	Ingham	Saginaw	Sanilac	Height	Lodging	Protein	Oil
NK	NK21-H4XF	2.1	XF	CM,Vib,Saltro	1c	MR	75.3			65.0	89.2	74.3	72.5	35	2.2	44.2	21.4
NK	NK22-C4E3	2.2	E3	CM,Vib,Saltro	1c	R	70.3			67.1	78.6	69.6	65.7	35	1.3	43.9	21.2
Renk	GENESIS G1950E	1.9	E3	ECL-Tri, Saltro		R	76.4			66.2	92.7	73.2	73.4	33	1.3	43.4	20.6
Renk	GENESIS G2060E	2.0	E3	ECL-Tri, Saltro	1k	R	77.5			72.1	91.9	74.5	71.3	35	1.9	42.9	21.3
Renk	GENESIS G2150E	2.1	E3	ECL-Tri, Saltro	1k	R	72.6	65.9		58.2	89.7	73.7	68.6	32	1.3	43	21.4
Renk	GENESIS G2190GL	2.1	E3	ECL-Tri, Saltro		R	74.1	63.8		69.8	90.1	73.3	63.1	32	1.3	43.7	20.9
Renk	GENESIS G2260E	2.2	E3	ECL-Tri, Saltro		R	70.6			59.7	88.2	68.8	65.6	32	1.3	43.3	20.3
Renk	RENK RS212NXF	2.1	XF	ECL-Tri, Saltro	3a	R	69.2			63.2	83.9	70.8	58.8	33	1.7	44.3	20.3
Renk	RENK RS219NX	2.1	RR2X	ECL-Tri, Saltro	1a ,3a	R	75.4			73.1	89.2	72.6	66.7	33	1.3	44.3	20.1
Rupp	RS 18EL11	1.8	E3	AM-C		R	75.1			68.6	88.3	75.5	68.0	35	1.8	43.3	21
Rupp	RS 20FX10	2.0	XF	AM-C	1c	R	67.9			60.3	77.2	70.1	63.9	32	1.2	44.1	20
Rupp	RS 21EL57	2.1	E3	AM-C	1k	R	71.5			64.6	92.7	70.0	58.8	31	1.5	42.8	21.2
Specialty	2194XF	2.1	XF	ACL	1c	R3	70.0			61.8	82.5	67.6	68.2	38	2.1	43	21.6
Specialty	2204XF	2.2	XF	ACL	1c	R3	68.3			58.1	83.7	71.9	59.3	32	1.3	42.8	20.4
Xitavo	XO 1372E	1.3	E3	P,V,I,Obv		R3MR14	73.1			56.2	93.0	75.5	67.8	30	1.5	43.4	21.6
Xitavo	XO 1451E	1.4	E3	P,V,I,Obv	1k	R3MR14	71.9			64.5	89.6	70.1	63.2	34	1.8	43	21.9
Xitavo	XO 1632E	1.6	E3	P,V,I,Obv	3a	R3MR14	74.1			64.2	90.5	70.8	70.9	32	1.8	42.4	21.4
Xitavo	XO 1761E	1.7	E3	P,V,I,Obv	1k	R3MR14	70.6			62.8	86.5	73.8	59.4	30	1.1	43.3	20.9
Xitavo	XO 1822E	1.8	E3	P,V,I,Obv	3a	R3MR14	72.7			64.0	86.4	72.2	68.3	32	2.1	44.1	20.9
Xitavo	XO 1971E	1.9	E3	P,V,I,Obv		R3MR14	78.2			73.9	95.4	73.7	69.7	33	1.3	43.6	20.4
Xitavo	XO 2181E	2.1	E3	P,V,I,Obv	1k	R3MR14	72.7			66.3	91.0	69.8	63.5	32	1.6	43	21.2
Xitavo	XO 2282E	2.2	E3	P,V,I,Obv		R3MR14	71.7			65.6	86.5	70.8	63.9	32	1.3	42.9	20.4
GRAND MEAN							72.2			67.0	87.0	72.1	66.2	33	1.5	43	21
Max.							79.1			81.6	95.4	78.6	75.7	38	2.5	45	22
Min.							63.5			50.0	72.0	64.1	55.9	30	1.0	42	20
LSD (0.05)							5.9			10.3	7.7	6.6	10.8				
CV (%)							9.9			9.3	5.3	5.6	8.5				

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

Sanilac county rep 4 discarded because of bad spot in field