

TABLE 1. 2021 MICHIGAN CENTRAL CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	Herb Tech	TMT'	Phyto Res	SCN	Aphid Res	YIELD (BU/AC)								
								2021 AVG	20-21 AVG	19-21 AVG	Ingham	Saginaw	Height	Lodging	Protein	Oil
Ag Armour	AA 2214 N	2.2	Conv	Ag Armour Elite	1a	R		77.2		66.5	84.8	69.5	40	2.6	42.9	19.8
Dairyland	DSR-3001	3.0	Conv	EG,G,I,LUM	1c	R		79.1	70.1		83.3	74.9	45	2.1	42.8	20.9
DF Seeds	DF 151 N	1.5	Conv	DFender-N-I	1k	R		79.8	62.1		86.8	72.8	37	2.6	41.7	20.7
DF Seeds	DF 155 F	2.5	Conv	DFender-N-I	1k	MS		68.2	64.8	62.9	73.2	63.2	39	2.9	42.7	20.6
DF Seeds	DF 187 N	1.8	Conv	DFender-N-I		R		73.4	63.1	64.1	76.3	70.4	39	2.1	43.5	19.7
DF Seeds	DF 201 N	2.0	Conv	DFender-N-I	1a	R		71.6	66.2		74.1	69.0	37	1.8	41.5	21.2
DF Seeds	DF 210 N	2.1	Conv	DFender-N-I	1k	R		76.8	70.1	66.5	80.3	73.2	36	1.9	41.1	21.2
DF Seeds	DF 227 N	2.2	Conv	DFender-N-I	1a	R		80.0	67.1	67.9	86.8	73.2	39	2.4	43.4	19.9
DF Seeds	DF 231 N	2.3	Conv	DFender-N-I	1a	R		78.2	70.6		80.0	76.4	36	1.6	41.2	21.0
DF Seeds	DF 260 N	2.6	Conv	DFender-N-I	1k	R		78.3		70.1	78.8	77.8	36	2.8	41.2	21.6
DF Seeds	DF 262 N F	2.6	Conv	DFender-N-I		R		62.8			64.4	61.2	36	2.5	45.4	19.1
Dyna-Gro	S2092N	2.0	Conv	Equity VIP Salstro	1k	R		*83.9	71.2		89.7	78.1	32	1.6	40.7	21.7
Dyna-Gro	S2409N	2.4	Conv	Equity VIP Salstro		MR		79.4		70.2	83.0	75.8	36	1.8	42.1	20.6
GDM Seeds	V2122	2.1	Conv	CM + Vib	3a			71.8			75.1	68.5	39	2.3	43.1	20.4
GDM Seeds	V2922	2.9	Conv	CM + Vib	1k	R		77.5	68.1		76.3	*78.6	37	2.8	40.8	21.6
LG Seeds	C2300	2.3	Conv	Agri Max w/Salstro	1a	R		77.3	66.8	66.3	79.0	75.5	39	2.6	42.5	20.2
LG Seeds	LGS1684	1.6	Conv	Agri Max w/Salstro	1k	R		74.4			82.0	66.8	38	2.1	41.5	20.8
LG Seeds	LGS2020	2.0	Conv	Agri Max w/Salstro	1k	R		83.8			*92.8	74.7	34	1.6	40.6	21.6
MCIA	MCIA 2212 LL	2.2	LL	CM		R		71.3	44.7		78.3	64.3	38	2.1	43.1	20.7
MSU	E07158-T	2.3	Conv	DFender-N-I				48.8	56.7		54.5	43.1	42	2.9	47.5	18.9
MSU	E11128T	2.5	Conv	DFender-N-I		R		60.5	60.0		62.2	58.8	38	2.5	44.9	19.1
MSU	E12076T	2.9	Conv	DFender-N-I		R		64.0	63.7	62.6	66.4	61.5	38	2.6	41.5	20.3
MSU	E12076T-03	2.2	Conv	DFender-N-I		R		70.7	66.0	65.7	75.0	66.3	33	2.6	41.7	20.5
MSU	E13268	1.7	Conv	DFender-N-I	1c			72.8	66.9	64.7	81.1	64.4	35	2.5	42.3	21.1
MSU	E14077	2.4	Conv	DFender-N-I	1k	R		73.1	57.1	66.4	76.8	69.4	38	2.0	41.2	21.8
MSU	E15079T	2.2	Conv	DFender-N-I				62.8	60.5		68.0	57.5	43	2.9	45.3	19.0
MSU	E15165T	2.0	Conv	DFender-N-I	1c			69.6			77.2	62.0	36	2.5	45.3	19.4
MSU	E15338	1.5	Conv	DFender-N-I				69.8	68.1		73.6	65.9	39	3.4	42.0	21.0
MSU	E15339	2.4	Conv	DFender-N-I		R		77.9	66.5	68.2	78.9	76.9	42	3.5	41.8	21.4
MSU	E15345	2.7	Conv	DFender-N-I		R		73.9	67.9	67.0	75.0	72.8	41	3.3	41.4	20.9
MSU	E15346T	1.6	Conv	DFender-N-I				75.4	60.1		78.7	72.1	40	2.6	42.4	20.7
MSU	E15349	1.6	Conv	DFender-N-I	1k			62.9	69.0		69.6	56.1	40	2.4	44.2	20.6
MSU	E15351	1.8	Conv	DFender-N-I	1c	R		77.4	65.9	67.4	80.7	74.0	38	2.5	41.7	20.4
MSU	E15901	2.5	Conv	DFender-N-I	1k	R	R	74.0		64.0	75.7	72.3	41	2.1	41.8	20.1
MSU	E16099	1.5	Conv	DFender-N-I				70.1	63.5		75.2	64.9	39	2.8	42.9	20.5
MSU	E16266	2.6	Conv	DFender-N-I	1k	R	R	72.3		63.3	71.9	72.6	39	2.0	42.4	20.8
MSU	E16346	1.8	Conv	DFender-N-I				68.2	64.8		71	65.3	35	2.3	40.8	21.3
MSU	E16410	2.8	Conv	DFender-N-I	3c	R		70.0	62.8	65.3	76.8	63.1	38	2.4	40.8	21.1
MSU	E17181T	2.0	Conv	DFender-N-I				72.1	66.6		78	66.2	37	2.6	42.9	20.6
MSU	E17203	2.4	Conv	DFender-N-I		R		73.5	66.7	67.7	71.8	75.1	39	2.9	42.7	20.4

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								2021 AVG	20-21 AVG	19-21 AVG	Ingham	Saginaw	Height	Lodging	Protein	Oil	
MSU	E17283	2.7	Conv	DFender-N-I	1k	R	R	78.1	52.3	66.8	81.8	74.3	37	2.5	41.9	20.1	
MSU	E17808-01	1.9	Conv	DFender-N-I	1c			58.6	60.8	52.3	65.7	51.4	43	2.9	43.8	21.4	
MSU	E18024T	2.7	Conv	DFender-N-I		R		66.7	66.4		70.4	62.9	39	3.0	44.7	19.1	
MSU	E18450	2.5	Conv	DFender-N-I		R		72.0	64.3		80.7	63.2	44	3.6	42.0	20.6	
MSU	E18638T	2.0	Conv	DFender-N-I		R		73.7			77.4	69.9	40	3.3	44.5	19.1	
MSU	E19194	2.1	Conv	DFender-N-I				69.6			79.8	59.3	45	1.3	41.6	20.2	
MSU	E19288T	2.4	Conv	DFender-N-I				62.3			63.3	61.2	41	3.4	44.5	19.1	
MSU	E19312T	2.1	Conv	DFender-N-I				69.2			73.7	64.6	41	2.5	44.3	19.6	
MSU	E19314T	1.6	Conv	DFender-N-I				63.7			66	61.3	36	2.6	43.7	19.2	
MSU	E19323T	1.7	Conv	DFender-N-I				68.5			69.9	67.0	39	2.8	43.8	19.4	
MSU	E19327T	2.0	Conv	DFender-N-I				64.8			67.3	62.2	37	2.8	43.9	19.6	
MSU	E19412	2.4	Conv	DFender-N-I				69.5			68.8	70.1	41	2.4	42.1	20.4	
MSU	E19413	2.5	Conv	DFender-N-I				67.5			72.4	62.5	43	3.5	41.9	20.3	
MSU	E19689	2.1	Conv	DFender-N-I				65.3			67.9	62.7	40	2.4	42.7	21.8	
MSU	E19803-07	2.7	Conv	DFender-N-I				60.4			68.2	52.5	34	2.0	42.8	21.0	
Nature's Genetics	N.G. 1926	2.5	Conv					68.6			73.9	63.2	41	2.8	43.0	20.7	
Nature's Genetics	N.G. 2.4	2.5	Conv					60.0			63.5	56.3	40	2.6	45.3	18.8	
Southwest Seeds	AAC Wigle	2.2	Conv	untreated		MR		69.2			70.2	68.1	38	1.8	46.3	18.1	
Southwest Seeds	OAC Bruton	2.0	Conv	Vibrance Maxx		MR		64.0			65.3	62.6	36	1.9	43.8	19.7	
Zeeland Farm Services	ZFS 1721	1.7	Conv	Ecl-US-Q, N, N-H		R		70.7			72.1	69.3	34	1.6	44.7	19.3	
Zeeland Farm Services	ZFS 2221	2.2	Conv	Ecl-US-Q, N, N-H		R		76.4			79.3	73.5	42	3.3	41.6	21.3	
Zeeland Farm Services	ZFS 2222HO	2.2	Conv	Ecl-US-Q, N, N-H		R		61.1	59.7		65	57.2	39	2.1	44.1	20.1	
Zeeland Farm Services	ZFS 24019HO	2.4	Conv	Ecl-US-Q, N, N-H		R		65.5	64.0		66.7	64.2	39	1.1	44.1	21.7	
Zeeland Farm Services	ZFS 2521HO	2.5	Conv	Ecl-US-Q, N, N-H		R		70.3			70.4	70.1	39	2.1	44.0	20.8	
Zeeland Farm Services	ZFS 2721	2.7	Conv	Ecl-US-Q, N, N-H		R		73.8	62.3		75.8	71.8	43	3.3	41.1	21.1	
Zeeland Farm Services	ZFS 2819HO	2.8	Conv	Ecl-US-Q, N, N-H		R		69.1			77.2	60.9	41	2.6	42.6	21.3	
Zeeland Farm Services	e13H988	1.3	Conv	untreated	1k	R		60.6			63.4	57.8	30	1.1	44.2	21.7	
GRAND MEAN								70.5			74.3	66.6	39	2.5	42.9	20.4	
Max.								83.9			92.8	78.6	45	4.4	47.5	21.8	
Min.								48.8			54.5	43.1	30	1.1	40.6	18.1	
LSD (0.05)								5.4			8.0	7.3					
CV (%)								6.5			6.5	6.6					

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

Michigan State University varieties are experimental