

TABLE 1. 2022 MICHIGAN CENTRAL CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity			Phyto		Aphid	YIELD (BU/AC)									
		Group	Herb Tech	TMT ¹	Res	SCN	Res	2022 AVG	21-22 AVG	20-22 AVG	2022 AVERAGE						
											Allegran	Saginaw	Sanilac	Height	Lodging	Protein	Oil
Benson Hill	E16UP133	1.6	Conv	untreated	1k	R		54.3			55.6	45.4	62.1	34	1.1	44.5	19.4
Benson Hill	N21D001	2.1	Conv	untreated	1k	R		59.4			53.6	55.0	69.6	36	1.0	43.2	20.3
Benson Hill	N2358	2.3	Conv	untreated	1c	R		55.9			48.7	51.6	67.2	37	1.6	46.5	19.4
Dairyland	DSR-2023	2.0	Conv	EG,G,I,Lum	1c	R		67.5			63.1	63.0	76.5	37	1.2	40.7	21.4
Dairyland	DSR-2502	2.5	Conv	EG,G,I,Lum	1k			63.9			61.1	58.6	72.0	35	1.0	39.4	21.5
Dairyland	DSR-2830	2.8	Conv	EG,G,I,Lum	1c	R		64.0			66.7	58.5	66.7	42	1.7	40.4	21.3
DF Seeds	DF 151 N	1.5	Conv	DFender	1k	R		68.5	74.1	64.2	62.1	62.4	80.9	33	1.8	39.8	21.3
DF Seeds	DF 155 F	2.5	Conv	DFender	1k	S		56.9	62.5	62.1	52.4	49.1	69.1	39	2.1	41.9	21.1
DF Seeds	DF 187 N	1.8	Conv	DFender		R		63.8	68.6	63.3	56.1	60.6	74.8	37	1.7	40.9	20.3
DF Seeds	DF 203 N	2.0	Conv	DFender	1k	R		68.4			64.5	59.9	80.8	32	1.4	39.4	22.0
DF Seeds	DF 210 N	2.1	Conv	DFender	1k	R		65.5	71.1	68.6	64.5	58.9	73.1	37	1.4	37.5	22.2
DF Seeds	DF 231 N	2.3	Conv	DFender	3a	R		65.1	71.6	68.7	58.6	61.3	75.3	36	1.2	39.6	21.5
DF Seeds	DF 260 N	2.6	Conv	DFender	1k	R		70.5	74.4		65.9	*69.5	76.0	35	1.8	37.4	22.9
DF Seeds	DF 262 N F	2.6	Conv	DFender	1k	R		57.1	60.0		47.5	55.5	68.4	36	1.8	43.7	19.5
Dyna-Gro	S2409N	2.4	Conv	Eq-VIP,Sa,Vay		MR		67.6	73.5		61.2	60.8	80.9	35	1.4	40.4	21.4
Growmark	HS 15C00	1.5	Conv	ACL,Sa,Cue	1k	R		^			62.0	^	*82.6	^	^	39.5	21.7
Growmark	HS 28C20	2.8	Conv	ACL,Sa,Cue	1c	R		*71.1			*70.1	63.9	79.4	37	1.9	39.3	20.7
LG Seeds	LGS1684	1.6	Conv	Agr F/I + I	1k	N		67.5	71.0			61.8	75.9	33	1.3	40.4	21.2
LG Seeds	LGS2020	2.0	Conv	Agr F/I + I	1k	R		68.0	75.9	22.7	68.4	61.9	73.7	32	1.6	39.4	22.0
LG Seeds	LGS2329	2.3	Conv	Agr F/I + I	1k	R		65.8			60.5	61.0	75.9	36	1.2	37.6	21.8
MSU	E07158-T	2.3	Conv	DFender-N-I				48.9	48.8	54.1	42.1	44.8	59.7	39	2.2	45.7	19.3
MSU	E11128T	2.5	Conv	DFender-N-I		R		54.5	57.5	58.2	45.7	53.0	64.9	35	1.8	43.6	19.6
MSU	E12076T-03	2.2	Conv	DFender-N-I		R		65.1	67.9	65.7	60.5	58.6	76.2	36	2.1	38.5	21.4
MSU	E13268	1.7	Conv	DFender-N-I	1c			59.6	66.2	64.5	59.4	47.4	71.9	33	1.7	40.4	21.8
MSU	E14077	2.4	Conv	DFender-N-I	1k	R		63.7	68.4	59.3	59.2	57.1	74.8	38	1.8	39.2	22.3
MSU	E15165T	2.0	Conv	DFender-N-I	1c	R		56.8	63.2		50.0	49.3	71.1	37	2.2	43.7	19.8
MSU	E15338	1.8	Conv	DFender-N-I	1k	R		61.3	65.5	65.8	52.4	60.0	71.5	34	2.1	40.6	21.1
MSU	E15345	2.7	Conv	DFender-N-I		R		67.3	70.6	67.7	64.2	60.0	77.7	39	2.4	38.5	20.9
MSU	E15346T	1.6	Conv	DFender-N-I				64.6	70.0	61.6	55.7	60.5	77.5	36	2.1	39.8	21.7
MSU	E15351	1.8	Conv	DFender-N-I	1c	MR		64.5	70.9	65.4	56.4	59.4	77.8	37	2.1	39.0	21.4
MSU	E15901	2.5	Conv	DFender-N-I	1k	R	R	60.8	67.4		57.8	58.2	66.3	39	1.9	39.8	20.7
MSU	E17203	2.4	Conv	DFender-N-I		HR		65.5	69.5	66.3	62.3	64.0	70.3	37	1.8	40.1	21.1
MSU	E18331-34	2.9	Conv	DFender-N-I		R		63.6			60.8	54.8	75.4	36	1.9	39.4	21.1
MSU	E18450	2.5	Conv	DFender-N-I	1k,3a	R		66.6	69.3	65.1	61.1	59.3	79.5	40	2.6	38.6	21.3
MSU	E18638T	2.0	Conv	DFender-N-I		MR		65.2	69.4		59.4	61.6	74.6	37	2.1	42.1	20.1
MSU	E19191	1.3	Conv	DFender-N-I				56.8			47.2	46.9	76.4	42	1.8	38.4	21.3
MSU	E19307T	2.4	Conv	DFender-N-I		R		60.2			53.9	54.4	72.3	40	2.6	41.0	20.4
MSU	E19314T	1.6	Conv	DFender-N-I	1k,3a	R		59.8	61.7		56.6	53.8	69.0	32	1.7	42.5	19.8
MSU	E19323T	1.7	Conv	DFender-N-I		R		59.4	63.9		50.7	55.6	71.9	35	1.8	41.0	20.2
MSU	E19412	2.4	Conv	DFender-N-I		R		65.5	67.5		61.4	58.8	76.3	38	1.6	40.2	20.6
MSU	E19689-30	2.1	Conv	DFender-N-I				59.0			53.8	52.6	70.7	35	2.0	40.5	22.2
MSU	E20078	1.7	Conv	DFender-N-I		R		63.4			56.7	61.3	72.1	45	2.2	39.1	21.8
MSU	E20316T	2.6	Conv	DFender-N-I		R		62.1			58.9	52.7	74.8	40	2.0	41.6	20.9

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		Group	Herb Tech					2022 AVG	21-22 AVG	20-22 AVG	Allegan	Saginaw	Sanilac	Height	Lodging	Protein	Oil
MSU	E20329	2.5	Conv	DFender-N-I			R	64.9			56.9	61.6	76.2	37	1.6	39.0	21.9
MSU	E20351	2.6	Conv	DFender-N-I			R	65.2			64.4	59.6	71.6	43	2.7	38.1	21.8
MSU	E20355	2.9	Conv	DFender-N-I			R	65.1			65.0	61.5	68.7	43	2.3	38.5	21.3
MSU	E20394	2.3	Conv	DFender-N-I			R	58.5			55.6	54.7	65.2	46	2.6	41.9	21.7
Southwest Seeds	AAC Wigle	2.5	Conv	Vib			R	60.1	64.6		54.7	53.8	71.9	38	1.3	43.9	19.4
Zeeland Farm	e13H988	1.3	Conv	untreated	1k		R	53.4	57.0		53.5	39.5	67.2	29	1.0	42.2	22.0
Zeeland Farm	ZFS 1326	2.6	Conv	untreated			R	64.9			58.0	61.3	75.3	39	2.6	39.9	21.3
Zeeland Farm	ZFS 1721	1.7	Conv	Ecl-US-Q,N,N-H			R	62.1	66.4		58.4	53.2	74.6	32	1.4	42.2	20.5
Zeeland Farm	ZFS 2221	2.2	Conv	Ecl-US-Q,N,N-H			R	63.7	70.0		59.0	60.6	71.4	37	2.4	38.7	22.0
Zeeland Farm	ZFS 24019HO	2.4	Conv	Ecl-US-Q,N,N-H			R	58.0	61.7	62.0	53.7	49.8	70.6	37	1.1	42.6	21.7
Zeeland Farm	ZFS 2521HO	2.5	Conv	Ecl-US-Q,N,N-H			R	62.0	66.1		58.4	58.0	69.7	36	1.6	41.6	21.2
Zeeland Farm	ZFS 2819HO	2.8	Conv	Ecl-US-Q,N,N-H			R	57.4	63.2		54.4	59.4	58.4	41	2.9	40.0	21.7
GRAND MEAN								62.4			57.7	56.7	72.4	37	1.9	40.6	21.1
Max.								71.1			70.1	69.5	82.6	46	3.0	46.5	22.9
Min.								48.9			42.1	39.5	58.4	29	1.0	37.4	19.3
LSD (0.05)								4.1			7.4	6.6	7.4				
CV (%)								7.1			7.9	7.2	6.3				

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

* High yield in plot

^ Data not available because of late arriving seed

Top 1/3 of trial is **Bold** Michigan State University varieties are experimental