

TABLE 2. 2022 MICHIGAN SOUTH CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

		YIELD (BU/AC)															
		Maturity					Phyto		Aphid			2022 AVERAGE					
BRAND	VARIETY	Group	Herb Tech	TMT ¹	RES	SCN	Res	2022 AVG	21-22 AVG	20-22 AVG	Hillsdale	Lenawee	St. Joseph	Height	Lodging	Protein	Oil
Benson Hill	E24H930	2.4	Conv	untreated		R		63.0			71.8	62.0	55.2	36	1.2	42.8	21.9
Benson Hill	N2358	2.3	Conv	untreated	1c	R		64.8			68.7	64.6	61.0	37	1.2	46.5	19.4
Dairyland	DSR-2023	2.0	Conv	EG,G,I,LUM	1c	R		77.3			82.5	75.8	73.7	37	1.3	40.3	21.7
Dairyland	DSR-2502	2.5	Conv	EG,G,I,LUM	1k			75.1			79.2	71.4	74.8	34	1.1	38.2	21.7
Dairyland	DSR-2830	2.8	Conv	EG,G,I,LUM	1c	R		71.7			74.0	69.8	71.3	39	1.4	40.0	21.8
DF Seeds	DF 155 F	2.5	Conv	DFender	1k	S		66.9	65.0	63.2	80.1	56.1	64.6	37	2.3	41.5	21.2
DF Seeds	DF 260 N	2.6	Conv	DFender	1k	R		79.0	73.0	69.9	78.0	80.8	78.4	34	2.7	37.2	22.8
DF Seeds	DF 262 N F	2.6	Conv	DFender	1k	R		63.6	61.2		68.6	62.2	60.0	34	2.2	43.3	19.9
DF Seeds	DF 282 N	2.8	Conv	DFender	1c	R		81.8			*88.5	79.5	77.4	37	1.5	39.5	20.9
Dyna-Gro	S2409N	2.4	Conv	Eq-VIP,Sa,Vay		MR		71.3	69.5	65.4	74.6	74.6	64.7	34	1.8	39.7	21.7
Dyna-Gro	S2872N	2.8	Conv	Eq-VIP,Sa,Vay	1c	R		82.9	77.6		86.5	79.9	82.4	36	2.0	39.6	21.1
GDM	V2122	2.1	Conv	CM+Vib	3a			72.3	70.8		80.0	73.1	63.9	35	1.8	38.8	22.5
GDM	V2423	2.4	Conv	CM+Vib	1k	R		68.3			72.7	66.8	65.4	37	1.5	39.5	22.1
GDM	V2922	2.9	Conv	CM+Vib		R		82.7	76.1		84.9	75.9	*87.4	35	2.3	37.1	23.0
Growmark	HS 15C00	1.5	Conv	ACL,Sa,Cue	1k	R		79.7			80.9	*84.0	74.2	33	1.5	39.4	21.8
Growmark	HS 28C20	2.8	Conv	ACL,Sa,Cue	1c	R		83.0			85.1	83.7	80.2	36	2.3	39.2	21.2
LG Seeds	LGS2020	2.0	Conv	Agr F/I + I	1k	R		*83.2	78.1		86.3	80.4	82.9	31	1.3	39.8	22.2
LG Seeds	LGS2329	2.3	Conv	Agr F/I + I	1k	R		77.5			77.2	76.3	79.1	35	1.4	38.3	21.9
LG Seeds	LGS2801	2.8	Conv	Agr F/I + I	1c	R		*83.2	78.2	72.5	86.2	81.6	81.8	36	1.9	39.8	21.4
MSU	E12076T-03	2.2	Conv	DFender-N-I		R		72.7	70.0	64.8	79.5	71.4	67.3	34	2.3	38.5	21.7
MSU	E13268	1.7	Conv	DFender-N-I	1c			72.2	67.4	63.6	79.6	72.9	64.2	33	1.8	40.5	21.8
MSU	E14077	2.4	Conv	DFender-N-I	1k	R		72.1	67.6	64.3	77.4	69.1	69.9	38	2.2	39.0	22.2
MSU	E15339	2.4	Conv	DFender-N-I		R		77.9	69.9	65.0	78.6	79.2	76.0	38	2.7	38.5	22.1
MSU	E15345	2.7	Conv	DFender-N-I		R		75.8	71.6	67.6	78.6	77.6	71.1	38	2.8	37.9	21.5
MSU	E15351	1.8	Conv	DFender-N-I	1c	MR		72.1	68.4	63.9	82.6	72.0	61.6	38	2.4	39.3	21.4
MSU	E15901	2.5	Conv	DFender-N-I	1k	R	R	71.3	68.1	64.3	76.2	72.1	65.5	37	2.1	39.5	20.6
MSU	E17040	2.7	Conv	DFender-N-I		R		71.2			76.3	68.1	69.2	39	3.0	38.9	20.9
MSU	E17062	2.7	Conv	DFender-N-I				72.8	69.4	65.2	81.1	69.1	68.1	39	2.8	40.1	21.6
MSU	E17203	2.4	Conv	DFender-N-I		HR		71.5	68.2	64.5	79.2	70.4	65.0	36	2.2	39.8	21.3
MSU	E17283	2.7	Conv	DFender-N-I	1k	R	R	73.8	70.3	65.9	80.3	73.4	67.9	36	1.8	39.3	21.1
MSU	E18331-34	2.9	Conv	DFender-N-I		R		67.4			76.3	67.7	58.3	32	1.9	40.1	21.4
MSU	E18638T	2.0	Conv	DFender-N-I		MR		72.1	67.6	63.4	79.9	71.2	65.3	36	2.2	41.6	20.4
MSU	E19307T	2.4	Conv	DFender-N-I		R		68.3			77.8	66.6	60.3	38	2.8	40.7	20.5
MSU	E19314T	1.6	Conv	DFender-N-I	1k,3a	R		69.4	66.2		75.3	67.9	65.0	33	1.9	41.5	20.6
MSU	E19412	2.4	Conv	DFender-N-I		R		73.2	69.5		76.6	74.2	68.8	38	2.1	39.6	21.1
MSU	E19689-30	2.1	Conv	DFender-N-I				66.9			75.2	68.8	56.7	35	2.4	40.1	22.4
MSU	E20078	1.7	Conv	DFender-N-I		R		73.0			77.2	70.4	71.5	44	2.7	39.6	21.7
MSU	E20329	2.5	Conv	DFender-N-I		R		73.4			80.7	72.0	67.3	36	2.1	37.6	22.4
MSU	E20351	2.6	Conv	DFender-N-I		R		74.2			82.6	69.8	70.2	42	2.5	38.0	21.6
MSU	E20352	2.8	Conv	DFender-N-I		R		73.8			81.7	68.3	71.4	42	2.6	37.6	22.0
MSU	E20355	2.9	Conv	DFender-N-I		R		76.0			87.5	71.6	68.8	40	2.3	38.1	21.6
Southwest Seeds	AAC Wigle	2.5	Conv	Vib		R		64.4	60.7		72.8	62.5	57.9	36	1.7	44.3	19.2
Zeeland Farm Services	ZFS 1326	2.6	Conv	untreated		R		78.4			80.4	77.9	77.0	37	2.6	39.5	21.4
Zeeland Farm Services	ZFS 2221	2.2	Conv	Ecl-US-Q,N,N-H		R		78.7	72.0		83.0	74.8	78.1	38	3.1	39.0	21.8
Zeeland Farm Services	ZFS 24019HO	2.4	Conv	Ecl-US-Q,N,N-H		R		62.4	59.0	56.9	68.3	66.8	52.2	36	1.0	41.8	22.3
Zeeland Farm Services	ZFS 2521HO	2.5	Conv	Ecl-US-Q,N,N-H		R		65.8	62.4	59.5	74.5	67.1	56.0	35	1.8	41.0	21.8
Zeeland Farm Services	ZFS 2819HO	2.8	Conv	Ecl-US-Q,N,N-H		R		68.9	62.6	56.4	75.8	64.4	66.4	41	2.9	39.4	21.9

BRAND	VARIETY	Maturity		TMT ¹	Phyto		Aphid Res	YIELD (BU/AC)									
		Group	Herb Tech		RES	SCN		2022	21-22	20-22	2022 AVERAGE						
								AVG	AVG	AVG	Hillsdale	Lenawee	St. Joseph	Height	Lodging	Protein	Oil
GRAND MEAN								73.1			78.7	71.8	68.8	36	2.1	39.8	21.5
Max.								83.2			88.5	84.0	87.4	44	3.1	46.5	23.0
Min.								19.5			68.3	56.1	52.2	28	1.0	37.1	19.2
LSD (0.05)								4.3			5.8	4.8	9.5				
CV (%)								6.4			5.5	5.0	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

Michigan State University varieties are experimental