

TABLE 2. 2018 MICHIGAN SOUTH CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT ¹	Phyto		Aphid Res	YIELD (BU/AC)			2018 AVERAGE							
				RES	SCN		2018 AVG	17-18 AVG	16-18 AVG	Clinton	Hillsdale	Lenawee	St. Joseph	Height	Lodging	Protein	Oil
Dairyland	DSR-2400	2.4	CM+O	1k			65.8	65.1	68.6	61.4	73.0	62.7	66.2	38.0	3.0	37.9	18.6
DF Seeds	DF 155 F	2.5	DFender N I	1k			66.9	66.2	68.9	62.9	71.4	67.3	66.1	38.0	3.1	38.2	18.4
DF Seeds	DF 227 N	2.2	DFender N I	1a	R		72.3	72.4		70.2	73.9	72.4	72.6	39.0	2.6	37.0	18.0
DF Seeds	DF 278 N	2.7	DFender N I		R		70.6	71.4		71.8	69.1	68.4	73.1	38.0	2.8	35.5	19.1
DF Seeds	DF 317 N	3.1	DFender N I	RG1K	R		*75.2	72.6	76.6	78.2	72.9	76.8	73.0	41.0	2.9	36.6	19.0
Dyna-Gro	S2908N	2.9	Eq VIP Clar		R		73.4			76.9	77.1	70.8	68.7	38.0	2.5	37.0	18.5
Dyna-Gro	SX18224C	2.4	Eq VIP Clar	1c	R		69.2			68.2	65.4	72.2	71.1	35.0	2.0	36.5	18.3
LG Seeds	C2300	2.3	Agr F/I + I	1a	R		66.8			64.6	74.2	64.2	64.0	38.0	3.0	36.4	18.3
LG Seeds	LGS2765	2.7	Agr F/I + I		R		72.0			*78.9	73.7	67.9	67.4	37.0	2.8	36.1	18.8
MSU	E12076T	2.9	DFender N I		R		70.0	69.3	70.6	61.1	72.3	73.8	72.8	39.0	2.9	36.1	18.7
MSU	E13100	2.5	DFender N I		R		70.1	68.6	69.5	62.8	73.5	74.3	69.7	37.0	2.6	35.8	19.2
MSU	E13268	1.5	DFender N I	1c			67.4	67.0	69.6	66.4	73.9	67.9	61.3	35.0	3.0	35.7	18.8
MSU	E13370	2.2	DFender N I				65.7	66.0	69.6	63.9	63.2	68.4	67.3	38.0	3.4	36.9	18.5
MSU	E14077	2.4	DFender N I	1k	R		69.2	68.0	71.2	68.9	69.0	71.4	67.6	39.0	2.5	37.1	18.6
MSU	E15165T	2.0	DFender N I		R		60.9	60.8		60.7	64.8	66.5	51.6	33.0	3.0	40.2	17.7
MSU	E15338	1.5	DFender N I		R		62.6	64.3		60.9	66.1	65.0	58.5	36.0	3.6	35.9	18.7
MSU	E15339	2.4	DFender N I		R		69.9	70.3		67.1	71.1	77.4	64.2	39.0	3.1	35.6	19.3
MSU	E15345	2.7	DFender N I		R		71.1	71.1		72.0	69.8	*79.2	63.4	38.0	3.4	36.4	18.8
MSU	E15346T	1.6	DFender N I		R		67.7	65.8		63.3	72.9	72.0	62.7	35.0	3.5	36.3	19.0
MSU	E15349	1.6	DFender N I		R		67.9	67.5		63.1	69.6	74.8	64.2	38.0	4.1	37.0	18.7
MSU	E15350	1.5	DFender N I		R		65.7	65.8		59.9	74.1	72.0	57.0	36.0	4.0	36.0	19.3
MSU	E15351	1.8	DFender N I		R		72.0	71.3		61.6	*80.7	75.4	70.6	37.0	2.8	36.4	18.3
MSU	E16030	2.5	DFender N I				68.8			65.9	69.5	65.7	*74.0	41.0	2.1	37.1	18.5
MSU	E16031	2.4	DFender N I				67.6			69.6	65.6	62.6	72.7	41.0	2.3	37.4	18.5
MSU	E16099	1.5	DFender N I		R		66.8			66.1	72.1	66.5	62.4	37.0	3.4	35.9	18.8
MSU	E16184	2.8	DFender N I	1k	R		65.8			53.8	68.3	71.0	70.3	39.0	3.0	35.8	18.6
MSU	E16186	2.7	DFender N I	1k	R		67.3			65.9	56.3	76.5	70.6	40.0	3.3	37.3	18.5
MSU	E16189	2.8	DFender N I	1c	R		68.7			62.6	65.9	73.4	72.9	43.0	3.4	37.0	18.1
MSU	E16204	2.2	DFender N I				65.3			59.2	70.8	63.5	67.9	41.0	1.6	35.1	19.0
MSU	E16266	2.6	DFender N I	1k	R	R	69.8			65.2	78.1	74.3	61.5	39.0	1.9	37.7	18.3
MSU	E16267	2.7	DFender N I	1k	R	R	66.7			59.6	71.5	71.5	64.4	39.0	1.5	38.3	18.0
MSU	E16380	2.8	DFender N I	1k	R		69.0			69.1	68.1	70.7	68.4	38.0	1.9	35.3	18.8
MSU	E16398	2.7	DFender N I	1k	R		64.0			67.1	65.1	62.6	61.1	42.0	3.0	36.9	19.0
MSU	E16410	2.8	DFender N I		R		69.6			66.0	71.0	69.8	71.5	39.0	2.5	35.5	19.3
MSU	E16411	2.6	DFender N I				66.5			65.8	74.1	61.0	65.2	36.0	2.8	37.3	18.0
Nature's Genetics	Nat. Gen. 1926	2.5	CM+O				67.0	63.0	64.0	66.2	70.7	64.2	67.1	37.0	3.3	38.1	18.6
Nature's Genetics	Nat. Gen. 2.4	2.4	CM+O				57.0	63.0	64.0	55.7	59.8	57.6	54.8	39.0	3.0	39.1	17.7
Wellman	W 265	2.6	ENCASE	1c			72.8			74.2	70.9	74.3	72.0	39.0	1.9	37.4	18.5
Wellman	W 295	2.9	ENCASE	1c			68.8	65.8	70.9	62.5	69.8	71.5	71.3	40.0	2.4	38.9	17.3
Wellman	W 315	3.1	ENCASE	1c,3a			67.9	68.2	72.1	65.8	70.7	64.6	70.5	41.0	2.9	37.1	18.7
Wellman	W 335	3.3	ENCASE	1c			69.6			67.9	77.2	66.3	67.0	41.0	1.5	36.4	18.6
Zeeland Farm Services	ZFS 1326	2.6	Ecl-US-Q, N		R		70.6	68.6	71.9	74.1	69.8	74.1	64.4	38.0	3.5	36.9	18.7
Zeeland Farm Services	ZFS 1629 N	2.9	Ecl-US-Q, N		R		66.3	67.1		65.0	63.8	69.0	67.5	40.0	3.0	37.0	18.2
Zeeland Farm Services	ZFS 1821	2.1	Ecl-US-Q, N	1k	R		68.9			70.3	69.0	69.7	66.4	37.0	1.4	36.2	18.4

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BRAND	VARIETY	Maturity Group	TMT ¹	Phyto RES	SCN	Aphid Res	YIELD (BU/AC)										
							2018	17-18	16-18	2018 AVERAGE							
							AVG	AVG	AVG	Clinton	Hillsdale	Lenawee	St. Joseph	Height	Lodging	Protein	Oil
GRAND MEAN							68.1			66.2	70.3	69.5	66.7	38	2.8	36.8	18.6
Max.							75.2			78.9	80.7	79.2	74.0	43	4.1	40.2	19.3
Min.							57.0			55.7	56.3	57.6	51.6	33	1.4	35.1	17.3
LSD (0.05)							4.0			9.1	9.1	6.6	7.3	3	0.7	1.1	0.5
CV (%)							7.2			8.2	7.8	5.7	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