

TABLE 1. 2019 MICHIGAN CENTRAL CONVENTIONAL SOYBEAN VARIETY TRIAL REPORT

BRAND	VARIETY	Maturity Group	TMT'	Phyto Res	SCN	Aphid Res	YIELD (BU/AC)									
							2019 AVG	18-19 AVG	17-19 AVG	2019 AVERAGE						
										Allegan	Gratiot	Saginaw	Height	Lodging	Protein	Oil
AG Armour Seeds	AA 1914 N	1.9	Ag Armour		R		60.7			70.4	55.7	56.0	32	1.5	38.0	21.9
AG Armour Seeds	AA 2114 N	2.1	Ag Armour	1k	MR		65.4			72.6	66.9	56.7	32	1.1	38.2	20.3
AG Armour Seeds	AA 2214 N	2.2	Ag Armour	1a	R		63.4			74.7	58.5	56.9	35	1.7	39.5	19.9
DF Seeds	DF 155 F	2.5	DFender N N-H I	1k			64.5	63.7	62.6	78.4	58.7	56.3	34	1.5	40.3	20.8
DF Seeds	DF 187 N	1.8	DFender N N-H I		R		62.6	64.9	63.1	68.2	62.2	57.4	31	1.4	40.6	19.9
DF Seeds	DF 210 N	2.1	DFender N N-H I	1k	R		66.9			74.5	*69.6	56.6	32	1.4	37.9	21.7
DF Seeds	DF 227 N	2.2	DFender N N-H I	1a	R		63.6	68.8	66.6	73.0	59.9	57.9	34	1.8	38.2	20.3
DF Seeds	DF 260 N	2.6	DFender N N-H I	1k	R		69.2			76.1	68.1	63.5	33	1.6	36.5	22.4
Dyna-Gro Seed	S2207N	2.2	Eq,Clar	1a	MR		63.9	68.0	66.6	68.5	65.3	58.0	34	1.6	38.8	20.1
Dyna-Gro Seed	S2409N	2.4	Eq,Clar		R		65.6			73.0	60.9	63.0	31	1.1	38.2	20.9
Hensall Co-op	HDC Adare	1.5	Vib,O				**			**	**	61.6	33	1.1	**	**
Hensall Co-op	HDC Blake	1.9	Vib,O				**			**	**	50.5	34	1.1	**	**
LG Seeds	C2300	2.3	AgriShield Max, I	1a	R		62.9	66.4		67.7	64.0	56.9	33	1.4	37.8	20.3
LG Seeds	LGS2010	2.0	AgriShield Max, I	1a	R		60.8			71.3	55.7	55.5	32	1.1	36.6	21.5
LG Seeds	LGS2765	2.7	AgriShield Max, I		R		63.4	68.3		71.9	58.2	60.0	32	1.3	37.7	21.0
MSU	E12076T	2.9	DFender N N-H I		R		67.9	69.5	66.8	78.1	64.2	61.3	34	1.6	37.8	20.9
MSU	E12076T-03	2.4	DFender N N-H I		R		*69.9			*82.5	65.7	61.6	33	1.6	38.1	20.7
MSU	E13100-03	2.5	DFender N N-H I		R		63.8			75.0	58.8	57.7	35	1.4	39.1	21.5
MSU	E13268	1.7	DFender N N-H I	1c			62.2	63.2	63.3	73.5	57.0	56.2	30	1.2	36.7	21.4
MSU	E14077	2.2	DFender N N-H I	1k	R		65.4	69.2	67.0	76.4	60.1	59.7	35	1.4	39.5	21.0
MSU	E15339	2.2	DFender N N-H I		R		68.4	73.0	70.6	78.5	61.8	65.0	34	1.9	37.2	21.4
MSU	E15345	2.7	DFender N N-H I		R		68.2	72.8	69.8	77.9	60.3	*66.3	35	2.0	37.1	20.8
MSU	E15347	2.5	DFender N N-H I		R		62.7	68.2	66.5	67.6	60.2	60.4	33	1.4	37.4	21.0
MSU	E15351	2.2	DFender N N-H I		R		64.0	66.5	65.9	71.7	59.0	61.3	33	1.4	37.3	20.6
MSU	E15901	2.3	DFender N N-H I	1k	R	R	60.3			68.2	56.7	55.9	31	1.2	39.7	19.7
MSU	E16189	2.8	DFender N N-H I	1c			63.7	68.4		71.7	60.2	59.1	41	2.2	40.4	19.8
MSU	E16266	2.2	DFender N N-H I	1k	R	R	68.1	66.1		68.7	**	57.0	33	1.2	37.5	21.3
MSU	E16380	2.8	DFender N N-H I	1k	R		68.5	71.2		74.1	69.4	62.0	34	1.1	36.7	21.3
MSU	E16387	2.6	DFender N N-H I	1k	R		66.3	70.1		71.7	**	60.8	32	1.1	36.2	21.2
MSU	E16410	2.8	DFender N N-H I				66.4	69.5		76.9	63.5	58.7	34	1.3	37.4	21.7
MSU	E17004	2.3	DFender N N-H I				61.9			74.1	55.9	55.6	32	1.2	39.1	20.8
MSU	E17054	2.1	DFender N N-H I		R		65.7			78.4	**	57.9	32	1.4	39.6	20.0
MSU	E17062	2.7	DFender N N-H I				62.6			72.8	56.4	58.5	34	1.8	39.6	20.6
MSU	E17069	3.0	DFender N N-H I		R		67.5			77.7	**	60.8	41	2.4	41.6	19.8
MSU	E17167	2.2	DFender N N-H I		R		63.5			76.8	55.6	58.2	38	1.6	39.2	21.4
MSU	E17184	2.2	DFender N N-H I		R		64.9			73.0	61.8	59.8	36	1.8	39.3	21.4
MSU	E17203	2.2	DFender N N-H I		R		69.8			81.8	65.1	62.6	33	1.3	39.2	20.9
MSU	E17205	2.7	DFender N N-H I				65.5			74.2	62.3	60.0	36	1.5	37.6	21.9
MSU	E17227	2.3	DFender N N-H I		R		62.9			70.9	57.6	60.2	34	1.2	37.8	21.5
MSU	E17269	2.1	DFender N N-H I		R		61.3			66.9	60.7	56.2	32	1.3	37.4	20.8
MSU	E17274	2.2	DFender N N-H I		R		60.6			71.0	52.2	58.5	35	2.1	38.0	19.9
MSU	E17275	2.2	DFender N N-H I		R		68.1			77.9	64.9	61.4	34	2.3	38.7	19.8

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							2019 AVG	18-19 AVG	17-19 AVG	2019 AVERAGE						
										Allegan	Gratiot	Saginaw	Height	Lodging	Protein	Oil
MSU	E17283	2.7	DFender N N-H I		R		67.0			78.3	66.5	56.1	31	1.2	39.7	20.2
MSU	E17506T	2.3	DFender N N-H I		R		59.8			67.0	51.3	61.0	35	1.7	39.5	20.2
MSU	E17508	3.0	DFender N N-H I		R		61.1			70.8	57.2	55.3	28	1.0	40.0	21.3
MSU	E17520	2.2	DFender N N-H I				58.3			67.1	56.6	51.2	32	1.2	37.4	21.3
MSU	E17545	2.2	DFender N N-H I				59.6			68.6	**	51.6	31	1.1	37.8	22.3
MSU	E17550	2.2	DFender N N-H I				58.1			67.1	55.2	52.0	34	1.2	37.4	21.4
MSU	E17801-08	2.9	DFender N N-H I				51.3			63.6	47.0	43.2	34	1.6	39.4	19.5
MSU	E17808-01	2.0	DFender N N-H I				52.4			62.4	46.8	48.1	34	1.4	39.7	21.5
Nature's Genetics	Nat Gen 2.4	2.5	V				54.3			63.8	**	47.6	32	1.5	42.4	19.8
Nature's Genetics	Nat. Gen. 1926	2.4	V				63.0	64.0		75.2	58.6	55.2	34	1.3	39.6	21.3
Sevita International	Candor	1.9	Untreated				52.5			59.3	48.8	49.3	29	1.2	42.4	19.8
Zeeland Farm Services	e12H902	1.2			R		51.3			54.2	51.8	48.0	26	1.2	40.6	22.0
Zeeland Farm Services	e13H988	1.3		1k	R		54.6			60.9	52.3	50.5	27	1.1	41.0	21.9
Zeeland Farm Services	ZFS 1326	2.6	Ecl-US-Q, N		R		65.1	68.6	67.1	71.3	61.6	62.4	33	1.8	39.6	20.3
Zeeland Farm Services	ZFS 1716	1.6	Ecl-US-Q, N		R		57.9	59.0	60.1	68.0	51.2	54.6	29	1.3	41.0	20.1
Zeeland Farm Services	ZFS 1719	1.9	Ecl-US-Q, N		1k	R	58.6	59.8	61.4	63.6	57.1	55.1	31	1.0	38.3	20.8
Zeeland Farm Services	ZFS 1821	2.1	Ecl-US-Q, N		1k	R	66.6	69.9		78.7	63.4	57.6	34	1.0	37.7	20.7
Zeeland Farm Services	ZFS 1925HO	2.5	Ecl-US-Q, N		R		52.1			58.6	50.0	47.6	36	1.4	40.6	21.5
Zeeland Farm Services	ZFS 1930HO	3.0	Ecl-US-Q, N		R		49.5			56.3	47.7	44.6	36	1.8	40.1	20.0
Zeeland Farm Services	ZFS 2025HO	2.5	Ecl-US-Q, N		R		55.6			61.4	53.5	52.0	33	1.3	41.0	20.6
GRAND MEAN							62.0			71.2	58.9	56.8	33	1.4	38.8	20.9
Max.							69.9			82.5	69.6	66.3	41	2.4	42.4	22.4
Min.							49.5			54.2	46.8	43.2	26	1.0	36.2	19.5
LSD (0.05)							4.8			7.0	6.5	5.2	2.8	0.4	2.2	0.7
CV (%)							6.0			5.9	6.6	5.5	9.0	31.6	3.4	2.0

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

* High yield in plot Protein and oil are based on dry matter

** Insufficient data Michigan State University varieties are experimental

Top 1/3 of trial is Bold