

# Michigan non-GMO Soybean Varieties

Soybean research at Michigan State University (MSU) is a collaborative effort between the Michigan Soybean Promotion Committee (MSPC) and MSU's AgBio Research. Intended outcomes from such investments are: non-GMO food and feed grade variety development; modified soybean oil variety development; and, germplasm development for addressing unique Michigan production challenges.

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## MSU Variety Trials:

[www.varietytrials.msu.edu/soybean](http://www.varietytrials.msu.edu/soybean)

E07158T Michigan Organic Soybean Variety											
Yield Information				Variety Characteristics							
Yield Year	Ave. Variety	Ave. Trial	# Sites	Maturity	Protein/Oil % @ 13% moisture		# Seeds per lb.	Plant Type	Target Mkt.	Hilum Color	Flower Color
					Protein	Oil					
2015	48.1	51.8	4	2.3	41.9	15.5	2014	Upright	Food	Clear	Purple
2016	49.5	56.8	4	2.3	41.9	16.6	1668	Upright	Food	Yellow	Purple

Year	Pubescence	Pod	Shatter	Plant Height	Standability	Soil Type	Phyto Res	SCN Res	SDS Res	White Mold	SBA
2015	Gray	Gray	No	30.0	2.0	All	1K	-	-	1	-
2016	Gray	Gray	No	32.9	2.0	All	1K	-	-	1	-

## Variety Insect/Disease Characteristics:

Phytophthora resistance:	Rps genes
Soybean Cyst Nematode:	Source of resistance incorporated in variety (e.g. PI88788)
White Mold:	Resistant (1); Moderately Resistant (2); Susceptible (3)
Soybean Aphid:	Resistant (1); Moderately Resistant (2); Moderately Susceptible (3); Susceptible (4)
Soybean Death Syndrome	Resistant (1); Moderately Resistant (2); Moderately Susceptible (3); Susceptible (4)
Not Available	n/a
Dash (-)	Insufficient data to evaluate

## 2015 Yield Information

## 2016 Yield Information

Site Location	2015 Yield Information			2016 Yield Information		
	Yield Range max—min	LSD 0.05	E07158-T Yield bu/a	Yield Range max—min	LSD 0.05	E07158-T Yield bu/a
Kalamazoo	61.6—40.7	9.1	45.6	70.8—48.3	6.8	52.1
Lapeer	69.0—26.8	15.3	42.9	67.6—34.1	8.4	46.3
Tuscola	74.6—46.9	7.8	56.4	77.4—39.2	13.3	50.2
Gratiot	65.5—26.5	12.0	46.5	70.6—43.4	5.7	49.5

