

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

E12076T 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					
2016	54.5	56.8	3	2.9	35.8	17.9	2285			Yellow	

Year	Pubescence	Pod	Shatter	Plant Height	Standability	Soil Type	Phyto Res	SCN Res	SDS Res	White Mold	SBA
2016				31							

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

2016 Yield Information

Site Location	Yield Range max—min	LSD 0.05	E10174 Yield bu/a
Kalamazoo	70.8—48.3	6.8	70.8
Lapeer	67.6—34.1	8.4	44.5
Tuscola	77.4—39.2	13.3	48.0

