



# Environmental Horticulture Program Research Project Sheet

<https://www.ir4project.org/ehc/ehc-registration-support-research/env-hort-extension-resources/>

**Project Name:** European Pepper Moth Efficacy

<b>New</b>	X	<b>Ongoing</b>		<b>Completed</b>		<b>Duration if ongoing or completed:</b>	2020-2021
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**Project Description:**  
 European Pepper Moth feeds on organic detritus as well as plant roots and, as the larvae age, on lower stems. This pest is cryptic and can easily develop and be shipped without obvious plant symptoms until populations are quite high.

**Research Project Abstract (if available):**  
 n/a

**Target Species (Phytotoxicity, or common and Latin name of arthropod, pathogen, weed):**  
 European Pepper Moth (*Duponchelia fovealis*)

**Target Crops (list tested crops if ongoing or completed project)**

**Target Product(s)(list tested products or numbered compounds if ongoing or completed project)**

Product Registration and Research Status			
	Fully Screened (also includes standards)	Partially Screened through IR-4 <sup>1</sup>	Need Data Across Species?
Labeled Generally & Commercialized			
Labeled Generally But NOT Commercialized			
Labeled Specifically & Commercialized			
Labeled Specifically but NOT Commercialized			
Not yet registered or Labeled			
No longer available for development			

\* IR-4 Data contributed to registration decision – either adding pest to label or not pursuing further research  
 1 At least one species screened fully

Area	Characteristic	Pro	Con
Availability & effectiveness of alternative management tools			
Damage potential of target	Many nurseries have hundreds or thousands of plants damaged that cannot be treated or shipped. Most of these are discarded.	X	
Performance and crop safety of proposed products (from other systems)			
Compatibility with IPM, resistance management programs			
Economics			
Geographic distribution			
Manufacturer interest in labeling products			



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Other			
<b>Comments:</b> Exotic pest with little efficacy data and very little biology known. Potentially eligible as biopesticide project; some initial data for efficacy developed by Bethke.			