

Efficacy of Management Tools for Leafminers **Draft 1**

Ornamental Protocol Number: 09-018

Objective: Determine efficacy of various products against dipteran leafminers on ornamental plants.

Experimental Design:

Plot Size: Must be adequate to reflect actual use conditions.

Replicates: Minimum of 6 replications

Application Instructions: Applications should be made application equipment consistent with conventional commercial equipment.

Target Species: tbd.

Plant Hosts: Use a plant host suitable for target species, recording species and variety used.

Use Site: tbd

Evaluations: tbd

Recordkeeping: Keep detailed records of weather conditions throughout the test including temperature and precipitation, soil-type or soil-less media, application equipment, application volume per acre, irrigation, liner size, plant height & width, and plant growth stage at application and data collection dates.

Reports:

Reports submitted on the standard IR-4 Ornamental Horticulture Research Report Form are preferred. However, reports in the AMT Tests format are acceptable as long as those reports are amended with detailed experimental design and materials and methods, along with raw data, recordkeeping information, and any pictures.

A report submitted electronically is preferred but not required. If the report is provided electronically, the basic report can be sent in MS Word or WordPerfect, the recordkeeping information as pdf or other electronic documents, and the raw data in MS Excel or other suitable program such as ARM.

Please direct questions to: Cristi Palmer, IR-4 HQ, Rutgers University, 500 College Road East, Suite 201W, Princeton, NJ 08540, Phone 732-932-9575 x4629, palmer@aesop.rutgers.edu **OR** Ely Vea, 308 Aston Forest Lane, Crownsville, MD 21032, Phone & FAX#: 410-923-4880, E-mail: evvea@comcast.net.

Revision Date: 3/23/09
Revised By: CLP

Treatments:

Priority	#	Product	Rate	Application Instructions	Contact Information to obtain materials and any needed adjuvants
A	1	Kontos (spirotetramat)	3.4 fl oz per 100 gal	Drench	OHP, Jeff Dobbs, 770-992-0121, jdobbs@OHP.com
	2	Kontos (spirotetramat)	3.4 fl oz per 100 gal	Foliar	OHP, Jeff Dobbs, 770-992-0121, jdobbs@OHP.com
	3	Safari 20SG (dinotefuran)	24 oz/ 100 gal	Drench with 4 fl oz / gallon of potting media	Valent, Joe Chamberlin, 770-985-0303, jcham@valent.com
	4	Safari 2G (dinotefuran)	2.2 grams of product/ gallon of potting media	Top dress	Valent, Joe Chamberlin, 770-985-0303, jcham@valent.com
	5	Arena (clothianadin)	1.26 oz/ 100 gallons	Foliar	Valent, Joe Chamberlin, 770-985-0303, jcham@valent.com
Standards (Pick One)	a	Avid	See label directions		Syngenta, Nancy Rechcigl, 941-238-7413, nancy.rehcigl@syngenta.com
	b	Citation	See label directions		Syngenta, Nancy Rechcigl, 941-238-7413, nancy.rehcigl@syngenta.com
		Untreated	--	--	--