

## **Efficacy of Management Tools for Snails Draft 2**

**Ornamental Protocol Number: 09-010**

**Objective:** Determine efficacy of various products against snails 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 targeting crawler stage and using application equipment consistent with conventional commercial equipment.

**Target Species:** tbd.

**Plant Hosts:** Use a plant host suitable for target snail 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](mailto:palmer@aesop.rutgers.edu) **OR** Ely Vea, 308 Aston Forest Lane, Crownsville, MD 21032, Phone & FAX#: 410-923-4880, E-mail: [evvea@comcast.net](mailto:evvea@comcast.net).

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Revised By: CLP

**Treatments:**

| Priority                | #  | Product                    | Rate   | Application Instructions | Contact Information to obtain materials and any needed adjuvants  |
|-------------------------|----|----------------------------|--|--------------------------|---|
| S/A                     | 1  | Deadline T&O (metaldehyde) | 5 – 12 pellets per sq ft<br>(10 – 20 lbs per acre) | Broadcast                | Amvac, John Immaraju, (949) 221-6113,<br><a href="mailto:JohnI@amvac-chemical.com">JohnI@amvac-chemical.com</a> |
| A                       | 2  | TC Powder                  | Tbd  | Tbd                      | TSP, Tim Boyer, 404-372-6574  |
|                         |    |                            |  |                          |   |
|                         |    |                            |  |                          |   |
|                         |    |                            |  |                          |   |
|                         |    |                            |  |                          |   |
|                         |    |                            |  |                          |   |
| Standards<br>(Pick One) | 9a |                            | See label directions                               |                          |   |
|                         | 9b |                            | See label directions                               |                          |   |
|                         | 10 | Untreated                  | --   | --                       | --  |