Biological Control Projects USDA-ARS
The Application Technology Research Unit (ATRU)
Ohio Agricultural Research and Development Center
1680 Madison Avenue, Wooster, OH 44691

http://www.oardc.ohio-state.edu/Atru/

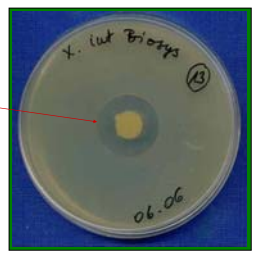
Control of Botrytis blight on Reiger begonia with soil amendments of *Trichoderma sp*. (T382, a fungi used for biocontrol of plant pathogens) and/or compost.

Charles Krause, Research Leader; Leona Horst, ATRU and James Locke, ATRU, Toledo, OH. krause.2@osu.edu, horst.9@osu.edu, james.locke@utoledo.edu

Antibiotics produced by bacteria in entomopathogenic nematodes control plant pathogenic bacteria and fungi.

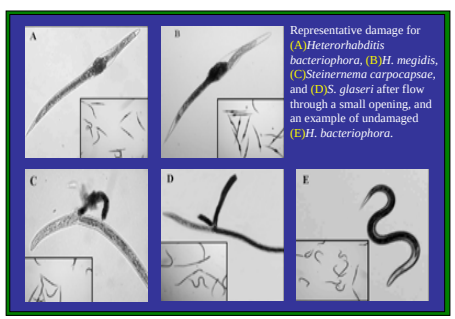
András Fodor and Andrea Máthe, Eötvös Loránd University, Budapest, Hungary and Michael Klein, ATRU. klein.10@osu.edu

Clear zone is where antibiotic from entomopathogenic bacteria (in center) killed pathogenic bacteria (outside)



The effect of spray delivery on entomopathogenic nematodes.

Jane Fife, OSU; Richard Derksen, ATRU; Erdal Ozkan and Parwinder Grewal, OSU. derksen.2@osu.edu



Evaluation of parasitoids of Japanese and oriental beetles.

Michael Reding, Michael Klein, and Jim Moyseenko, ATRU; Jason Oliver, Tennessee State University; Richard McDonald, The Symbiont; Roger Fuester, ARS; and SABCL. reding.2@osu.edu, klein.10@osu.edu, moyseenko.1@osu.edu

Tiphia vernalis male and female

Tiphia egg attached to oriental beetle grub

Tiphia larva developing on oriental beetle grub

Tiphia cocoons found in the soil

Istocheta aldrichi (Diptera: Tachinidae) depositing eggs on adult Japanese beetle

Istocheta aldrichi emergence cage for overwintering pupae (Tennessee, Grundy County)

Subsurface and drench applications of nematodes for control of BVW in nurseries.

Michael Reding, Michael Klein, Ross Brazee, Heping Zhu and Betsy Anderson, ATRU. reding.2@osu.edu, klein.10@osu.edu, brazee.1@osu.edu, zhu.16@osu.edu, anderson.523@osu.edu

Subsurface application of nematodes in taxus

Surface drench of nematodes in container grown astilbe