
IR-4 BIOPESTICIDE PROGRAM

IR-4 Biopesticide Funding in the Year 2001

The IR-4 Biopesticides Program plans to fund the following 39 requests for the year 2001:

- Evaluation of AtEze on Transplant Quality, Disease Suppression, and Yield on Field Grown Fresh Market Tomatoes and Peppers in Southwestern Florida
P. Roberts, University of Florida
- Biological and Chemical Control of Annual Bluegrass (*Poa annua*): an Integrated Approach
J. Vargas, Jr., Michigan State University
- Evaluation of Biopesticides for the Control of Powdery Mildew on Cantaloupe
M. Matheron, University of Arizona
- Field Evaluation of Milsana for Control of Powdery Mildew of Cucurbits
M. McGrath, Cornell University
- Field Evaluation of Milsana for Control of Powdery Mildew on Grapes, Cucurbits and Strawberries
D. Gubler, University of California
- Powdery Mildew Control on Grapes Using Elexa (3 proposals)
W. Wilcox, Cornell University
D. Gubler, University of California
G. Grove, Washington State University
- Control of *Thielaviopsis basicola*, *Rhizoctonia solani*, *Botrytis cinerea* and other Pathogens of Ornamental Crops with Biofungicides
M. Benson, North Carolina State University
- Mating Disruption of Two Leafroller Species in Apple Using Isomate Hand-applied Dispenser Technology
J. Brunner, Washington State University
- *Puccinia thlaspeos* for biological control of the Brassicaceous weed, *Isatis tinctoria* (Dyer's Woad)
S. Thomson and B. Kropp, Utah State University
- Evaluation of Formulated Douglas-Fir Tussock Moth Pheromone as a Mating Disruptant
I. Ragenovich, USDA Forest Service, Portland, Oregon et. al.
- Field Evaluation of Serenade AS and Organic Biofungicide for Control of *Botrytis sp.* on Chives
S. Koike, University of California
- Field Evaluation of Serenade AS and Organic Biofungicide for Control of *Alternaria* on Basil and Collards
J. Valencia, University of California
- Field Evaluation of Serenade AS and Organic Biofungicide for Control of *Botrytis cinerea* on Red Raspberries and Strawberries
P. Bristow, Washington State University
- Suppression of *Alternaria* Diseases of Potato Using AgBio-222
H. Schwartz, Colorado State University
- Testing of a New Codling Moth Granulosis Virus Product to Supplement Mating Disruption
R. Elkins and R. Van Steenwyk, University of California
- Evaluation of AgBio-222 (FNX) for Control of Photinia Leaf Spot
C. Hong and T. Banko, Virginia Polytechnic Institute and State University

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IR-4 Biopesticide Funding in the Year 2001

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- Evaluation of Pelargonic Acid for Weed Control in *Stevia rebaudiana Bertoni*
K. Morris, No-Cal Sugar, Inc., Sacramento, CA
- Evaluation of Biopesticides for Control of Sclerotinia Leaf Drop of Lettuce
M. Matheron, University of Arizona
- Evaluation of Biopesticides for Control of Powdery Mildew of Lettuce
M. Matheron, University of Arizona
- Refinement of a New Verbenone Pouch for Suppression of Southern Pine Beetle Infestations
S. Salom, Virginia Polytechnic Institute & State University in cooperation with S. Clarke, USDA Forest Service
- AgBio-222 for the Control of Pythium on Geranium
S. Nameth, Ohio State University
- Efficacy of Serenade® Biofungicide Against Mummy Berry Disease when Applied to Blueberry Flowers by Bees
H. Scherm, University of Georgia
- Elexa for Control of Powdery Mildew on Greenhouse Roses (Alternating with other Fungicides)
F. Williams, Brigham Young University
- Nature's Glory Insecticide for Blueberries (2 proposals)
F. Drummond, University of Maine
J. Wise, Michigan State University
- Field Evaluation of Serenade® as Biofungicides for Post-harvest Control of *Botrytis cinerea* on Kiwifruit (*Actinidia deliciosa*)
J. Adaskaveg, University of California
- Nature's Glory Weed and Grass Killer for Control of Weeds in Snapbeans and Transplanted Tomatoes (2 proposals)
C. Mullins, University of Tennessee
- Nature's Glory Insecticide for Eggplant
K. Sorenson, North Carolina State University
- Mating Disruption of Codling Moth and Oriental Fruit Moth in Apple using Isomate CM/OFM Hand-applied Dispenser Technology
L. Gut, Michigan State University
- Potential for Management of Sclerotinia blight with the Biological Control Agent *Coniothyrium minitans* (Contans)
J. Bailey, North Carolina State University
- Individual Tree Protection with an Antiaggregation Pheromone, 3-methylcyclohex-2-en-1-one (MCH)
D. Ross, Oregon State University
- Mycotrol® O for Management of Tarnished Plant Bug on Romaine Lettuce
B. Parker et. al., University of Vermont
- Azadirachtin on Lychee for Insect Control
J. Pena, University of Florida
- Aminoethoxyvinylglycine hydrochloride (AVG) as a Postharvest Treatment on Plum, Peach and Cherry to Extend Shelf Life
J. Adaskaveg, University of California and other cooperators in other areas of the country (3 proposals)

(Note: For specific scientific names and other information for the products listed above, please contact Dr. Bill Biehn at IR-4 HQ)

Article by Bill Biehn