



# Biopesticide & Organic Support Site

## Site Guide for Growers and Researchers

### Biopesticide and Organic Support Program

- [AGROW World Crop Protection News Best new Biopesticide Award](#)
- [Biopesticide and Organic Support Brochure](#)
- [Biopesticide Research Project Report 2003 - Executive Summary](#)
- [Biopesticide Research Project Report 2003 - Entire Report](#)
- [EPA Registration Assistance Form](#)
- [EPA Biopesticide Webpage](#)
- [IR-4 Activities Involving Pest Management in Honeybees](#)
- [IR-4/EPA Demonstration Grant Report 2004 - Executive Summary](#)
- [IR-4/EPA Demonstration Grant Report 2004 - Entire Report](#)
- [Registration Workshop Proceedings \(2001\)](#)

### Biopesticide & Organic Support Workshop Information

- [Results of the 2016 Biopesticide Workshop](#)
- [2016 Biopesticide & Food Use Workshop Presentations](#)
- [2015 Biopesticide Workshop Presentations](#)

### Pest Priority Needs

- [Submit New Priority Need](#)
- [Search Need Request](#)

### IR-4 Biopesticide Databases

- [Priority Need Funded Projects](#)
- [Search Biopesticide and Organic Support Label Database](#)
- [Grant Funded Projects \(1983-2014\)](#)
- [Biopesticide Database Management System \(Authorized Users Only\)](#)

### Biopesticide Links

- [EPA Biopesticide Division](#)
- [Biopesticide Industry Alliance](#)

# Submitting Needs

Site Guide for Growers and Researchers

## Biopesticide and Organic Support Program

- AGROW World Crop Protection News  
Best new Biopesticide Award
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Executive Summary
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Entire Report
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- IR-4/EPA Demonstration Grant Report 2004 -  
Executive Summary
- IR-4/EPA Demonstration Grant Report 2004 -  
Entire Report
- Registration Workshop Proceedings (2001)

## Biopesticide & Organic Support Workshop Information

## Pest Priority Needs

- Submit New Priority Need
- Search Need Request

## IR-4 Biopesticide Databases

- Priority Need Funded Projects
- Search Biopesticide and Organic Support  
Label Database
- Grant Funded Projects (1983-2014)
- Biopesticide Database Management System  
(Authorized Users Only)

## Biopesticide Links

- EPA Biopesticide Division
- Biopesticide Industry Alliance

If you have a pest management need that requires research assistance, select “Submit New Priority Need”

# Submitting Needs

ir4app.rutgers.edu/biopestPub/priorityForm.aspx

Apps IR4 Biopest Admin Food Use Data chem data Bayer Codes mri oecd label Other bookmarks

Home Food Crops Ornamental Horticulture **Biopesticides & Organic Support** Public Health International Activities Directory Outreach Materials Quality Assurance (QA)

**Need Request Form** || Need Request || Funded Projects || Label Database || Grant Funded

### IR-4 Minor Use Biopesticide Priority Need Form

The IR-4 Biopesticide and Organic Support Program helps develop data to establish registrations of biopesticides in food crops, ornamentals and public health. We are in the process of preparing for a workshop and are seeking input regarding the prioritization of pest management needs. The purpose of this form is to develop a list of priorities. Below to the right is a list of priorities we have received previously. Please nominate one or several of these or list a new priority below by utilizing the form.

1. What area of pest management is this for:  Food  Ornamentals  Public Health  Forestry  Other

1a. Requestor

Name:

Affiliation:

Address:

City:

State:

Zip:

E-mail:

Telephone:

FAX:

2. Commodity  
(one crop or crop group per form):

Use Site (e.g., field, greenhouse, postharvest):

3a. Organic

- Proceed to fill out the form and click “Submit”
- These needs will be voted on during the Biopesticide Workshop **or** Orn. Hort. Workshop
- Needs with the most votes will be researched

# Label Database

Site Guide for Growers and Researchers

## Home and Organic Support

World Crop Protection News  
Biopesticide Award

Home and Organic Support Brochure

Home Research Project Report 2003 -  
Summary

Home Research Project Report 2003 -  
Report

Registration Assistance Form

Biopesticide

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## Pest Priority Needs

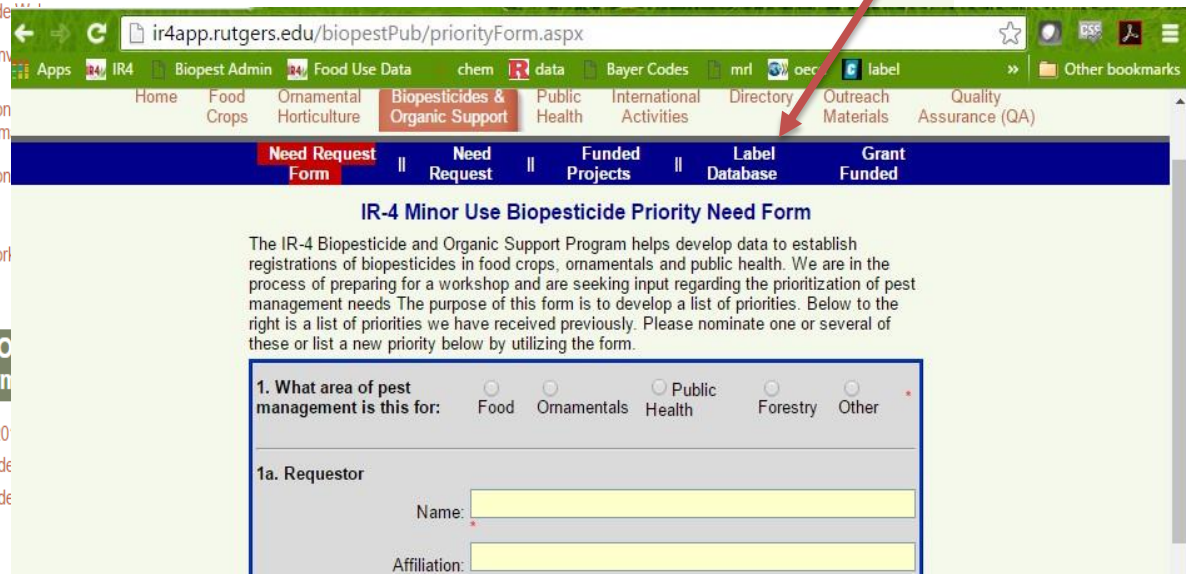
- [Submit New Priority Need](#)
- [Search Need Request](#)

## IR-4 Biopesticide Databases

- [Priority Need Funded Projects](#)
- [Search Biopesticide and Organic Support Label Database](#)
- [Grant Funded Projects \(1983-2014\)](#)
- [Biopesticide Database Management System \(Authorized Users Only\)](#)

## Biopesticide Links

Going back to the main page or using the blue navigation tab at the top of the page, select the "Label Database"



The screenshot shows a web browser window with the URL `ir4app.rutgers.edu/biopestPub/priorityForm.aspx`. The navigation menu at the top includes: Home, Food Crops, Ornamental Horticulture, **Biopesticides & Organic Support**, Public Health, International Activities, Directory, Outreach Materials, and Quality Assurance (QA). Below the navigation menu, a blue bar contains tabs for: **Need Request Form**, Need Request, Funded Projects, **Label Database**, and Grant Funded. The main content area displays the title "IR-4 Minor Use Biopesticide Priority Need Form" and a paragraph of introductory text. Below the text is a form with the following fields:

1. What area of pest management is this for:  Food  Ornamentals  Public Health  Forestry  Other

1a. Requestor

Name:

Affiliation:

# Label Database

Home Food Crops Ornamental Horticulture **Biopesticides & Organic Support** Public Health International Activities Directory Outreach Materials Quality Assurance (QA)

Need Request Form || Need Request || Funded Projects || **Label Database** || Grant Funded || Regulatory Database

**Biopesticide and Organic Database for Integrated Pest Management** [Why Use Biopesticides?](#)

Search Clear Form

updated. Best results from searching by Crop Group. If you can't find the crop or pest problem in the drop down boxes, search trade name, active ingredient, company name or click the s

NOP Pesticide Information

Organic (OMRI) Products Only:

Search for a Solution:

Crop Group:  State:

CHOOSE ONE OF THE FOLLOWING:

Commercial Crops:  Commercial Turf & Ornamentals:

Pests/Problems:

CHOOSE ONE OF THE FOLLOWING:

Insects:  Diseases:

Weeds:  Nematodes:


Animals:  Plant Growth Regulators:

Product Specific Information:

Trade Name:  Active Ingredient:

Company Name:

If you have information about a specific product that you would like to update, contact Krista Coleman at [coleman@aesop.rutgers.edu](mailto:coleman@aesop.rutgers.edu)

 IR-4 Help Desk: Phone number: 732-932-9575 Ext:4646 Email: [ir4help@aesop.rutgers.edu](mailto:ir4help@aesop.rutgers.edu)  
[Contact Us](#) [IR-4 Advisories/Training](#) [Events](#) [Links](#) [Upload Files](#)

- If you would like organic products only, check the “OMRI Products Only” box
- Searching by “Crop Group” is recommended for full results
- Select “Search”

# Priority Need Funded

Site Guide for Growers and Researchers

and Organic Support

World Crop Protection News  
Biopesticide Award

and Organic Support Brochure

Research Project Report 2003 -  
Summary

Research Project Report 2003 -  
Report

Registration Assistance Form

## Pest Priority Needs

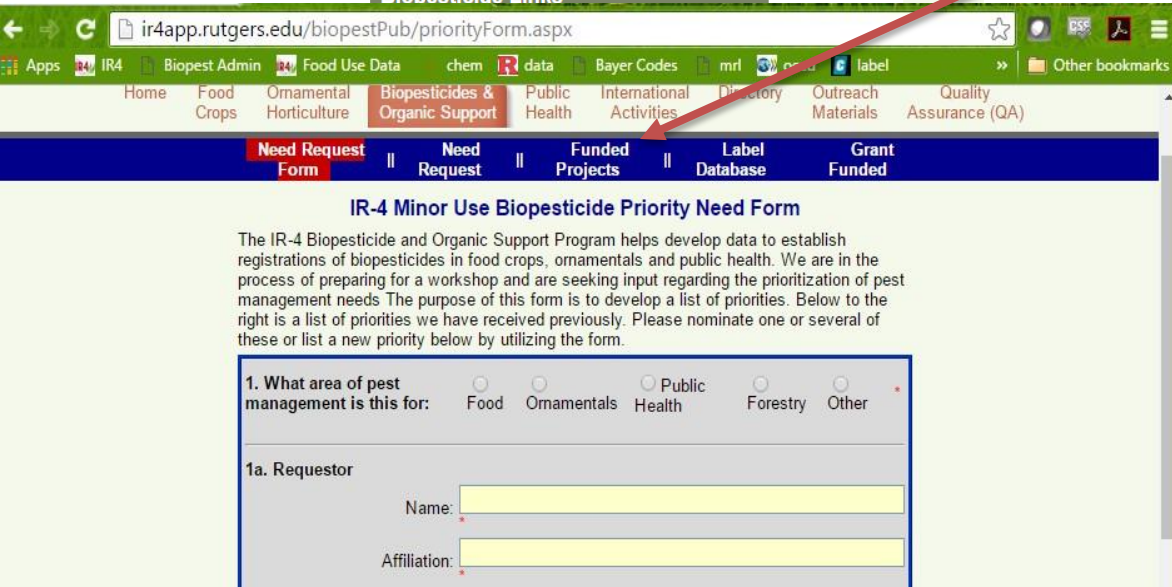
- [Submit New Priority Need](#)
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## IR-4 Biopesticide Databases

- [Priority Need Funded Projects](#)
- [Search Biopesticide and Organic Support Label Database](#)
- [Grant Funded Projects \(1983-2014\)](#)
- [Biopesticide Database Management System \(Authorized Users Only\)](#)

## Biopesticide Links

- Going back to the main page or using the blue navigation tab at the top of the page, select “Funded Projects”
- These projects have information from 2015 forward



ir4app.rutgers.edu/biopestPub/priorityForm.aspx

Home Food Crops Ornamental Horticulture **Biopesticides & Organic Support** Public Health International Activities Directory Outreach Materials Quality Assurance (QA)

**Need Request Form** || **Need Request** || **Funded Projects** || **Label Database** || **Grant Funded**

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1. What area of pest management is this for:  Food  Ornamentals  Public Health  Forestry  Other

1a. Requestor

Name:

Affiliation:



# Priority Need Funded

The screenshot shows the IR-4 Biopesticide Data Management System interface. At the top, there is a navigation menu with options like Home, Food Crops, Ornamental Horticulture, Biopesticides & Organic Support, Public Health, International Activities, Directory, Outreach Materials, and Quality Assurance (QA). Below this is a search bar for 'Biopesticide Funded Projects' with fields for Need Number, Year, State, Investigator, Institution, and Product. A 'Select All' button is highlighted with an arrow. Below the search bar is a table of funded projects with columns for Funded Number, Need, Year, State, Investigator, Institution, Comment, and Final Report. The 'Final Report' column contains 'Yes' for all listed projects.

Funded Number	Need	Year	State	Investigator	Institution	Comment	Final Report
B00015-15-CA01	Varroa mite / honey bees	2015	CA	Elina Niño	UC Davis		Yes
B00015-15-FL01	Varroa mite / honey bees	2015	FL	Lambert Kanga	Florida A&M University		Yes
B00015-16-CA01	Varroa mite / honey bees	2016	CA	Elina Niño	UC Davis		Yes
B00015-16-FL01	Varroa mite / honey bees	2016	FL	Lambert Kanga	Florida A&M University		Yes
B00026-15-CA01	Spotted wing drosophila/ All crops	2015	CA	Mark Bolda	UCANR		Yes
B00026-15-FL01	Spotted wing drosophila/ All crops	2015	FL	Oscar Liburd	University of Florida		Yes
B00026-15-ME01	Spotted wing drosophila/ All crops	2015	ME	Francis Drummond	University of Maine		Yes
B00026-15-MI01	Spotted wing drosophila/ All crops	2015	MI	Rufus Isaacs	Michigan State University		Yes
B00026-15-MI02	Spotted wing drosophila/ All crops	2015	MI	Matt Grieshop	MSU		Yes
B00026-15-NJ01	Spotted wing drosophila/ All crops	2015	NJ	Cesar Rodriguez-Saona	Rutgers University		Yes
B00026-15-WA01	Spotted wing drosophila/ All crops	2015	WA	Alan Schreiber	Agricultural Development Group, Inc.		Yes
B00026-16-CA01	Spotted wing drosophila/ All crops	2016	CA	Mark Bolda	UCANR		Yes

- “Select All” to see all results, otherwise use the search items
- Clicking “Yes” on “Final Report” will show you the efficacy data on the biopesticides from the trial



- Clicking the “Funded Number” will show you the protocol and products involved.
- After choosing a Funded Number, click the “+” to expand the product information. Here you can download the final and draft protocol.

Home Food Crops Ornamental Horticulture **Biopesticides & Organic Support** Public Health International Activities Directory Outreach Materials

Need Request Form || Need Request || **Funded Projects** || Label Database

### Search Biopesticide Funded Projects

Search by Funded number, need, year or state. Sort by clicking on the header of the column. 20 records per page. Click on the Funded number to view details.

Need Number:  Year: 2017 State:  [Select All](#) [Clear](#)

Need(contain):  Investigator:  Institution:  Product:

Records counts: 35

Funded Number	Need	Year	State	Investigator	
B00102-17-NC03	Weeds/ All crops	2017	NC	Joe Neal	NCSU
B00102-17-NJ01	Weeds/ All crops	2017	NJ	Thierry Besançon	Rutgers
B00102-17-NY01	Weeds/ All crops	2017	NY	Andrew Senesac	Cornell
B00102-17-OR01	Weeds/ All crops	2017	OR	Marcelo Moretti	Oregon
B00102-17-SC01	Weeds/ All crops	2017	SC	Paul Wade	USDA-A
B00119-17-MI01	Stem gall wasp / Blueberry	2017	MI	Rufus Isaacs	Michiga
B00135-17-CA01	Spotted wing drosophila / Organic fruit	2017	CA	Mark Bolda	UCANR
B00135-17-FL01	Spotted wing drosophila / Organic fruit	2017	FL	Oscar Liburd	Univers
B00135-17-MI01	Spotted wing drosophila / Organic fruit	2017	MI	Matt Grieshop	MSU
B00162-17-OH01	Agrobacterium tumefaciens / Tomato, cucumber GH	2017	OH	Chris Taylor	The Ohi
B00167-17-CA01	Downy mildew / Organic spinach	2017	CA	Steven Klosterman	USDA-A
B00201-17-MI01	Malathion/Aphid, cherry fruitworm, midge, root weevil, scale, SWD/Blueberry	2017	MI	Rufus Isaacs	Michiga
B00201-17-WA01	Malathion/Aphid, cherry fruitworm, midge, root weevil, scale, SWD/Blueberry	2017	WA	Alan Schreiber	Agricult
B00291-17-AL01	Pythium, Cylindrocarpon / Conifer seedlings	2017	AL	Scott Enbasa	Forest H
B00291-17-WA01	Pythium, Cylindrocarpon / Conifer seedlings	2017	WA	Nabil Khadduri; Gary Chastanger	Webster

Request || **Funded Projects** || Label Database Grant Fund

### PNN Detail

ated products of the protocol, click on the plus sign. To download the protocol, click on the PDF.

PNN Number	Need	Year	State	Comment
B00102-17-NC03	Weeds/ All crops	2017	NC	Om Hort

Protocol Name	Protocol Date	PDF	Draft Date	Draft Protocol
<input type="checkbox"/> B00102-17-OmHort	01-31-2017	<a href="#">Download</a>	01-26-2017	<a href="#">Download</a>

Evaluated Product/Trade Name	Active Ingredient
Fiesta	Iron HEDTA (FeHEDTA)

IR-4 Help Desk: Phone number: 732-932-9575 Ext.4646 Email: [ir4help@aesop.rutgers.edu](mailto:ir4help@aesop.rutgers.edu)  
[Contact Us](#) [IR-4 Advisories/Training](#) [Events](#) [Links](#) [Upload Files](#)



# Grant Funded

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Biopesticide Award

and Organic Support Brochure

Research Project Report 2003 -  
Summary

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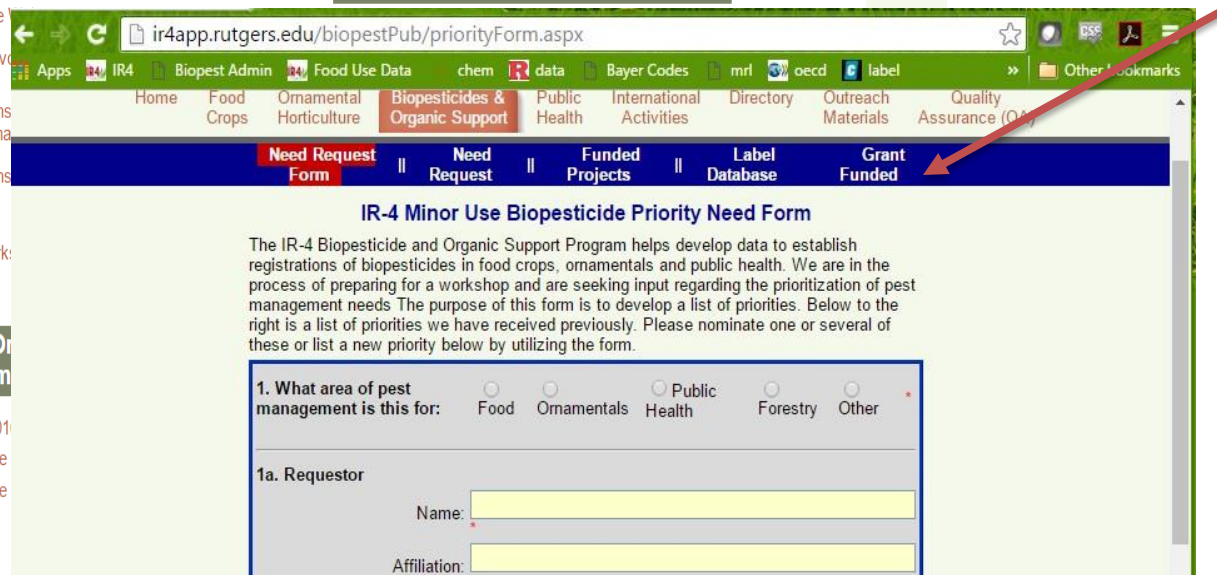
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- Results from 1983-2014



ir4app.rutgers.edu/biopestPub/priorityForm.aspx

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Affiliation:

# Grant Funded

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identifier	stage	Title	Investigator	Institution	Statement	Final Report	Prnum
2014-21A	Advanced	Managing Potato Late Blight and Pink Rot using MBI-110 and other Biopesticides	Jianjun Hao	University of Maine	We plan to conduct a study under field conditions by using new a biopesticide for the control of oomycete diseases of potato. This is to examine the efficacy of newly released product MBI-110 by Marrone Bio Innovations, and for a long-term consideration provide practical data to support Maine potato growers to effectively control potato diseases as well as keep sustainable production. The biopesticides used in this project have shown efficacy in related studies and different cropping systems, and will be further studied in this proposed project by integrating them into a commercial disease control system.	Yes	0396B, 1043B, 1044B
2014-18A	Advanced	Evaluations of biologically based alternatives for broadleaf weed control in turf and ornamentals (continuation)	J. C. Neal	North Carolina State University	Our primary focus has been selective weed control in turf and our research has been conducted primarily in Canada and Ohio where we have demonstrated excellent control of dandelions in cool season turfgrasses. We seek to confirm efficacy in more southern locations where environmental conditions, turf species, and weed spectrum may be different. We plan to expand out label to include ornamental landscape uses. We have only very preliminary data on such uses but believe our pre-emergent weed spectrum suits ornamental uses and we have some data that demonstrated safety when used around established ornamentals.	Yes	0858B, 960B, 961B
2014-17A	Advanced	Determine the efficacy of biofungicides for control of downy mildew in basil	Mengmeng Gu	Texas A&M AgriLife Extension Service	Biological and conventional fungicides will be applied on a 1-week interval to basil grown in containers under greenhouse management conditions to evaluate their control of basil downy mildew. Plants will be inoculated with <i>Peronospora belbahrii</i> , a causal agent of basil		1021B, 1022B, 1023B, 1024B, 1025B, 1026B, 1027B, 1028B

- “Select All” to see all results, otherwise use the search items
- Clicking “Yes” on “Final Report” will show you the efficacy data on the biopesticides from the trial



# Further Information

For further information on the program, or for help using the site, contact:

**Krista Coleman**

Biopesticide & Organic Support Program Assistant

732-932-9575 x 4631

[kristaco@njaes.rutgers.edu](mailto:kristaco@njaes.rutgers.edu)

**Michael Braverman**

Biopesticide & Organic Support Manager

732-932-9575 x 4610

[mbrave@njaes.rutgers.edu](mailto:mbrave@njaes.rutgers.edu)