

Layout of the Course, “Biological Control for Greenhouse Growers”

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Biological Control for Greenhouse Growers

Home ▶ Greenhouse 2016

Turn editing on

NAVIGATION

- Home
 - ▶ Dashboard
 - ▶ Site pages
 - ▼ Current course
 - ▼ **Greenhouse 2016**
 - ▶ Participants
 - ▶ Badges
 - ▶ Pre-Assessment Quiz
 - ▶ Unit 1: Introduction to Greenhouse Biological Control
 - ▶ Unit 2: Commercially Available Biological Control ...
 - ▶ Unit 3: Using Banker Plants in Biological Control ...
 - ▶ Unit 4: Implementing a biological control program
 - ▶ Unit 5: Interactions of Pesticides and Biological ...
 - ▶ Unit 6: Greenhouse Examples Of Biological Control S...
 - ▶ Additional Reading Materials
 - ▶ Course Wrap-Up
 - ▶ Courses offered my Michigan State University Exten...
 - ▶ My courses
 - IntelliBoard

Your progress 

Welcome to Biological Control for Greenhouse Growers!

This course is designed to teach greenhouse growers and others interested in learning about the fundamental concepts of biological control and the challenges and opportunities associated with a biological control pest management program. The content of the course covers introductory materials to more advanced concepts such as utilizing banker plants. It is the third course in the College of Knowledge™ series of courses.

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How to Contact the Instructor with Questions:

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Pre-Assessment Quiz

Before we begin, let's assess your current knowledge of biological control methods and practices. Click on the 'Pre-Assessment Quiz' link below to take a quiz.

 [Pre-Assessment Quiz](#)



Unit 1: Introduction to Greenhouse Biological Control

Now, please watch both videos below.

Then, please take the "Unit 1 Self Assessment Quiz" to assess your progress on these topics.



 [Introduction to Course](#)

 [Unit 1: Introduction to Greenhouse Biological Control](#)

 [Unit 1 Self Assessment Quiz](#)

 [Unit 1 Handout 6.2MB](#)



Unit 2: Commercially Available Biological Control Agents for Insect and Mite Pests

Now, watch the video for Unit 2 about all of the commercially available natural enemies in the United States and their target pests. Then, please take the "Unit 2 Self Assessment Quiz" to assess your progress on these topics.



-  [Unit 2: Commercially Available Biological Control Agents for Insect and Mite Pests](#)
-  [Unit 2 Self Assessment Quiz](#)
-  [Unit 2 Handout 1.4MB](#)

Unit 3: Using Banker Plants in Biological Control Programs

Watch the video for Unit 3 about how to use banker plants in a biological control program for the control of greenhouse whitefly, cotton/melon and green peach aphids, or western flower thrips.

Then, please take the "Unit 3 Self Assessment Quiz" to assess your progress on these topics.



-  [Unit 3: Using Banker Plants in Biological Control Programs](#)
-  [Unit 3 Self Assessment Quiz](#)
-  [Unit 3 Handout 926.6KB](#)

Unit 4: Implementing a biological control program

Watch the video for Unit 4 on how you can successfully implement a biological control program in your greenhouse.

Then, please take the "Unit 4 Self Assessment Quiz" to assess your progress on these topics.



 [Unit 4: Implementing a Biological Control Program](#)

 [Unit 4 Self Assessment Quiz](#)

 [Unit 4 Handouts](#) 809KB



Unit 5: Interactions of Pesticides and Biological Control

Watch the following video on the direct and indirect effects of pesticides on natural enemies.

Then, please take the quiz "Unit 5 Self Assessment Quiz" to assess your progress on these topics.



 [Unit 5: Interactions of Pesticides and Biological Control](#)

 [Unit 5 Self Assessment Quiz](#)

 [Unit 5 Handout 1.9MB](#)



Unit 6: Greenhouse Examples Of Biological Control Systems: Application Strategy And Costs

Watch the following video on examples of six greenhouse operations that implement biological control systems. The greenhouse growers that were interviewed were kind enough to share information on the natural enemies that they use, subsequent release rates, and costs of the programs.



 [Unit 6: Greenhouse Examples of Biological Control Systems: Application Strategy and Costs](#)

 [Unit 6 Handouts](#) 2.6MB

 [Spring Bedding Plant Example Release Program](#) 14.9KB

Additional Reading Materials

For students interested further reading, check out these articles and books.

 [Additional Reading on Biological Control](#) 200.6KB

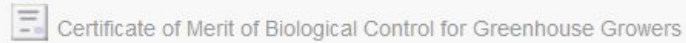
Course Wrap-Up

Now that you've successfully finished the course, in order to earn a certificate of completion, you must earn at least 80% on the final exam. Take that exam below.

In addition, please complete the short course wrap-up survey below. This will give you a chance to give us feedback about the course and how you will implement what you learned in your business.



When you are ready, please take the final exam. If you earn an 80% or greater, you will be able to print out a certificate of completion.



Not available unless: You achieve a required score in **Final Exam**

Courses offered my Michigan State University Extension are open to all.

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