

Beneficial Bug Boot Camp Exam – Praying Mantids (PM)

YOUR NAME

GARDEN CENTER NAME

YOUR EMAIL ADDRESS

YOUR PHONE NUMBER

YOUR ADDRESS (THIS IS WHERE YOU WANT US TO SHIP YOUR "BUG MASTER" PIN AND CERTIFICATE AFTER YOU'VE PASSED ALL FIVE TESTS)

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1. These Beneficial Insects can be referred to as mantids or mantis. Both names can be used interchangeably.
 True False
2. The species we use is a noninvasive species which was introduced in the United States in the early 1900's to help protect the soybean crops from insect pests. True False
3. Praying Mantids can change their color to match their environment and are one of the few insects that have the ability to rotate their head 180 360 degrees.
4. They can live for over one year and reach 1-2 4-5 10-15 inches in length.
5. Praying Mantids eliminate pest insects by lying in wait until their prey passes by. True False
6. Praying Mantids eat a variety of different insects depending on their size. The juveniles will consume smaller insects such as spider mites, aphids, and thrips. As they become larger, they consume spiders, crickets, cockroaches, and grasshoppers. True False
7. The female praying mantid lays its egg mass in a foam that is secreted from its abdomen. When the foam hardens it becomes a protective case called a pod seed ootheca. The egg case will contain as many as 5 200 1,000 eggs and will hatch in spring.
8. One method of releasing Praying Mantids is to remove the egg case from the container and hang it with a thread about 2 12 24 feet off the ground from a tree or shrub. This protects the egg case from birds and other predators.
9. Another method is to remove the egg case from the container and place it in the base roots fork spoon of a tree.
10. The most preferred method is to let the egg case hatch in the container refrigerator in a paper bag
When hatched, the ootheca does not change in appearance.



Submitting your test for grading

Once you've completed ALL FIVE TESTS, please scan (or take a clear picture of) them and email them to bugmaster@organiccontrol.com. Or fax your finished sheets to (310) 830-3025. Your test results will be emailed to you at the email address you've supplied above. Complete all 5 tests successfully and you'll become an official **BUG MASTER** with a certificate and an apron pin to wear with pride.