



Grady County Extension Service

65 11th Ave., NE • Cairo, GA 39828

blog.extension.uga.edu/gradyag/

hayesbw@uga.edu • 229-377-1312 Office • 229-378-7689 Cell

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Summary Report:

Evaluation of Insecticide Efficacy Against Lesser Cornstalk Borer

Principal Investigators:

Brian Hayes, Grady County Extension Ag & Natural Resources Agent and Mark Abney, University of Georgia Research and Extension Peanut Entomologist.

Objectives:

Evaluate and compare season long control of Lesser Cornstalk Borer when Prevathon and Diamond insecticides are applied in-furrow at planting and/or banded at approximately 30 days with UGA standard recommendations along with other foliar sprays when LCB thresholds are met based on IPM plans.

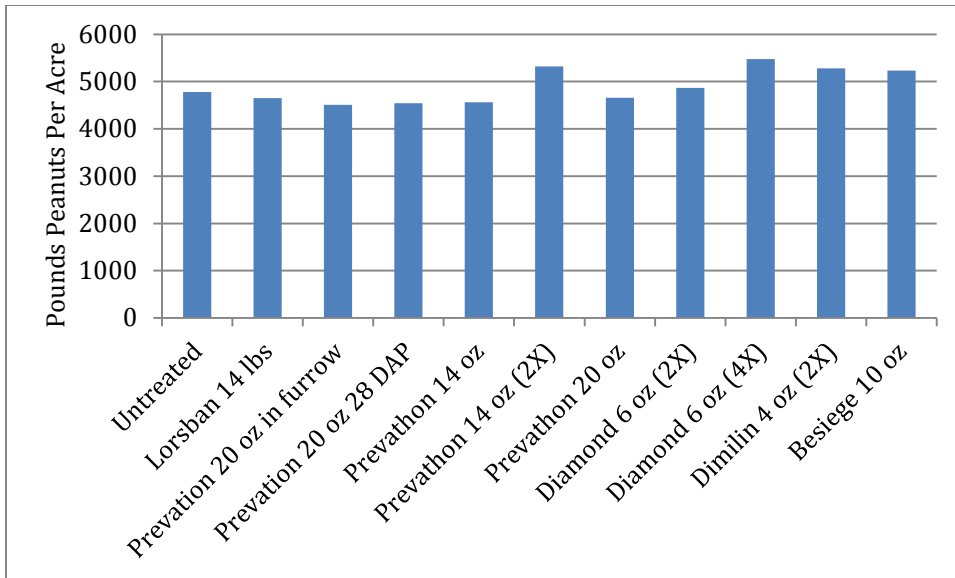
Treatments:

A dryland peanut field in Grady County has been identified and the cooperator has agreed to host this plot. The field is currently in oats and after harvest the field will be burnt and planted into peanut to maximize the risk of a Lesser Cornstalk Borer infestation. Some treatments will be applied at planting with others waiting on application when LCB populations increase later in the summer. Plots will be harvested, weighed, and graded separately.

Results:

Yield results are in the chart below, there is no significant difference in yield by treatment or damaged pods. The pressure from Lesser Cornstalk Borers this year was very minimal. This is research that needs to be continued in future years.

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Sincerely,

Brian W. Hayes
 Grady County Extension Ag & Natural Resources Agent

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