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NATIONAL PEANUT BOARD/SOUTHEAST PEANUT RESEARCH INITIATIVE  
QUARTERLY PROGRESS REPORT FOR WORK DONE UNDER RESEARCH AGREEMENT  
25-21-RF332-391  
INSTITUTION: University of Georgia (Subcontract from Auburn University)

Quarter ending  
June 30, 2004

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PROJECT TITLE: Aflatoxin Risk Index Development and Validation

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RES. AGR. NO.: 25-21-RF332-391 PROJECT LEADER: Dr. Kira Bowen (PI) at Auburn and Dr. David Wilson (subcontract) at UGA

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EXPIRATION DATE: June 30, 2004

SPRI CONTACT: Emory Murphy NPB CONTACT: Stephen O'Brien

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REPORT OF PROGRESS AND FINAL REPORT:

This project is to develop data for an aflatoxin risk index. We have grown peanuts in Florida, Alabama and Georgia under irrigated and dry land conditions. The peanuts were grown in Florida for three years and in Alabama and Georgia for two years. Georgia Green and C99R were planted in all locations under dry land and under irrigated conditions. There was an additional treatment with calcium or no calcium in the experiments. Plots at all locations were replicated and randomized. The data generated included the normal yield and grade data, the weather data, incidence of *A. flavus* in the nuts and aflatoxin content. When the data set is complete it will be sent to Dr. Ken Boote at The University of Florida for inclusion in the aflatoxin risk index. All data has been collected and collated.

NATIONAL PEANUT BOARD/SOUTHEAST PEANUT  
RESEARCH INITIATIVE  
QUARTERLY PROGRESS REPORT FOR WORK  
DONE UNDER RESEARCH AGREEMENT  
25-21-RF332-514  
INSTITUTION: University of Georgia

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Quarter ending  
June 30, 2004

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PROJECT TITLE: Aflatoxin Risk Index Development and Validation

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RES. AGR. NO.: 25-21-RF332-514 PROJECT LEADER: Dr. David Wilson  
at UGA

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EXPIRATION DATE: June 30, 2004

SPRI CONTACT: Emory Murphy NPB CONTACT: Stephen  
O'Brien

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