



APPENDIX I

STUDENT THESES AND DISSERTATIONS RELATED TO COTTON IN PROGRESS IN 2001

- Antoine, Wesner. Transformation of cotton by vacuum infiltration. (Ph.D., advisor: Dr. J. Stewart).
- Benson, Ray. Effect of night temperature and other environmental stresses on boll development in cotton. (Ph.D., advisor: Dr. D. Oosterhuis).
- Branson, Jeff. Characterization and utilization of CGA 362622 for broadleaf weed control in cotton. (M.S., advisor: Dr. K. Smith).
- Brown, Scott. Genotypic and environmental effects on partitioning at the whole plant, boll and seed level for predicting yield and stress. (Ph.D., advisor: Dr. D. Oosterhuis).
- Coker, Dennis. Soil and foliar potassium fertilization of water-deficit stressed cotton. (Ph.D., advisor: Dr. D. Oosterhuis).
- Conway, Hugh. Inclusion of beneficial insects into the cotton aphid treatment threshold. (Ph.D., advisors: Dr. D. Steinkraus, and Dr. T. Kring).
- Coy, Steven. Tarnished plant bug (*Lygus lineolaris*) injury and simulated injury to pre-squaring cotton. (M.S., advisor: Dr. Tim Kring).
- Dighe, Nilesh. Introgressing reniform nematode resistance from wild cotton germplasm into the commercial Upland cotton and identify RAPD molecular markers closely associated with the reniform resistant gene. (M.S., advisor: Dr. J. Stewart).
- Fairbanks, Mike. Host-plant interactions and resistance to thrips (*Thysanoptera*) feeding on cotton (*Gossypium hirsutum* L.) cultivars. (Ph.D., advisor: T. Kring).
- Gomez, Karen. Physiological implications of aphid damage in cotton. (M.S., advisors: Dr. D. Oosterhuis and Dr. D. Johnson).
- Groves, Frank. Biology and control of yellow nutsedge (*Cyperus esculentis*) in cotton (*Gossypium hirsutum*). (M.S., advisor: Dr. K. Smith).
- Hornbeck, Jimmy. Variation in marginal bract trichomes in cotton. (M.S., advisor: Dr. F. Bourland).
- Meek, Cassandra. Physiological and molecular characterization of cotton genotypes in response to water-deficit stress (Ph.D., advisor: Dr. D. Oosterhuis).



Summaries of Arkansas Cotton Research, 2001

- Mobley, Michelle. Evaluation of transgenic cotton under different production systems. (M.S., advisor: Dr. N. Burgos).
- Sparks, Oscar. Weed and heliothine-complex management in transgenic cotton. (Ph.D., advisor: Dr. J. Barrentine).
- Studebaker, Glen. Effect of selected insecticides on the insidious flower bug (*Orius insidiosus*). (Ph.D., advisor: Dr. T. Kring).
- Yates, Chuck. Alteration of cotton plant stress dynamics by tarnished plant bug feeding. (M.S., advisor: Dr. Phil Tugwell).

