

**APPENDIX I**  
**STUDENT THESES AND DISSERTATIONS IN**  
**PROGRESS IN 2000**

- Antoine, Wesner. Genotype independent transformation of cotton with *Agrobacterium*. (M.S., advisor: Dr. Stewart).
- Branson, Jeffrey. Characterization and utilization of CGA 362622 for broadleaf weed control in cotton. (M.S., advisor: Dr. Smith, co-advisor: Dr. Barrentine).
- Brown, Scott. Chemical and physical removal of late-season squares. (M.S., advisor: Dr. Oosterhuis; co-advisor: Dr. Bourland).
- Coker, Dennis. Effect of water deficit and genotype on potassium uptake and partitioning. (Ph.D., advisor: Dr. Oosterhuis).
- Conway, Hugh. Development of cotton aphid threshold that incorporates natural enemies. (Ph.D., advisor: Dr. Kring).
- Coy, Steven. Crop response to fleahopper and tarnished plant bug injury in pre-squaring cotton. (M.S., advisor: Dr. Teague).
- Fairbanks, Mike. Evaluation of thrips resistance in cotton cultivars. (Ph.D., co-advisors: Dr. Kring and Dr. Johnson).
- Gomez, Karen. Physiological responses of cotton to aphid damage. (M.S., advisor: Dr. Oosterhuis).
- Groves, Frank. Biology and control of *Cyperus esculentus* in cotton. (M.S., advisor: Dr. Smith, co-advisor: Dr. Barrentine).
- Hornbeck, James. Variation in trichomes on cotton bracts, stems, and leaves. (M.S., advisor: Dr. Bourland).
- Malo, Juan P. Risk-returns of major Arkansas field crop counties. (M.S., advisor: Dr. Parsch).
- Meek, Casey. Effect of Glycine betaine on drought tolerance of diverse cotton genotypes (Ph.D., advisor: Dr. Oosterhuis).
- Mobley, Michelle L. Evaluation of transgenic cotton under different production systems. (M.S.; advisor: Dr. Burgos).
- Rajguru, Satyendra. Genetic engineering of cotton for host plant resistance. (Ph.D., advisor: Dr. Stewart).
- Sparks, Oscar. Weed and insect management systems in transgenic cotton cultivars. (Ph.D., advisor: Dr. Barrentine).
- Studebaker, Glenn. Impact of early season cotton insecticides on predators. (Ph.D., advisor: Dr. Kring).
- Yates, Chuck. Alteration of cotton plant stress dynamics by feeding of the tarnished plant bug. (M.S., advisor: Dr. Tugwell).
- Zhao, Qian. Host plant resistance to the reniform nematode. (Ph.D., advisor: Dr. Stewart; co-advisor: Dr. Robbins).

**APPENDIX II**  
**RESEARCH AND EXTENSION**  
**2000 COTTON PUBLICATIONS**

**PROCEEDINGS EDITED**

Oosterhuis, D.M. 2000. Proceedings 2000 Cotton Research Meeting and Summaries of Research in Progress. University of Arkansas, Agricultural Experiment Station Special Report 198, Fayetteville.

**CHAPTERS IN BOOKS**

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- Oosterhuis, D.M., and F.M. Bourland. 2000. Development of the cotton plant. *In: T.L. Kirkpatrick and C.S. Rothrock (eds.). Compendium of Cotton Diseases. Second Edition. American Phytopathological Society.*
- Steinkraus, D.C. 2000. Documentation of naturally-occurring pathogens and their impact in agroecosystems. *In: L.A. Lacey and H.K. Kaya (eds.). Field Manual of Techniques in Invertebrate Pathology. Kluwer Acad. Publ. pp. 303-320.*
- Young, S.Y., D.C. Steinkraus, and D. Gouge. 2000. Microbial insecticide application: Cotton. *In: L.A. Lacey and H.K. Kaya (eds.). Field Manual of Techniques in Invertebrate Pathology. Kluwer Acad. Publ. pp. 467-495.*

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- Zhang, J.-F., and J. McD. Stewart. 2000. Economical and rapid method for extracting cotton genomic DNA. *J. Cotton Sci.* 4:193-201.
- Zhao, D., and D.M. Oosterhuis. 2000. Pix Plus and mepiquat chloride effects on physiology, growth and yield of field-grown cotton. *J. Plant Growth Regul.* 19:415-422.

#### NON-REFEREED PUBLICATIONS

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- Barham, J., R. Bateman, T. Kirkpatrick, G. Lorenz, and C. Allen. 2000. Reniform nematode management in cotton, 99. *Fungicide and Nematicide Reports* 55:299.
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