APPENDIX I
STUDENT THESES AND DISSERTATIONS RELATED TO COTTON RESEARCH IN PROGRESS IN 2008

Allen, Kerry Clint. Spatial and temporal distribution of *Helicoverpa zea* (Boddie) and *Heliothis virescens* (F.) in heterogeneous cropping environments in southeastern Arkansas. (Ph.D., advisor: Luttrell)

Avila, Carlos A. Transfer of reniform nematode resistance from diploid cotton species to tetraploid cultivated cotton. (Ph.D., advisor: Stewart)

Bibi, Androniki. Effect of high temperatures on the biochemistry of the reproductive process in cotton genotypes. (Ph.D., advisor: Oosterhuis)

Chappell, Adam. Evaluation of a new cotton aphid threshold and the impact of selected insecticides on the beneficial arthropod complex found in Arkansas cotton with emphasis on predacious coccinellids important for cotton aphid suppression. (M.S., advisor: Lorenz)


Griffith, Griff. Erratic cotton responses to trifloxysulfuron and applications. (M.S., advisor: Norsworthy)

Groves, Frank. Inheritance of cotton yield components and relationships among yield, yield components, and fiber quality. (Ph.D., advisor: Bourland)

Gonias, Evangelos. Environmental factors and plant growth regulator effects on radiation use efficiency in cotton. (Ph.D., advisor: Oosterhuis)

Jackson, Sarah. Relationships of marginal trichomes on cotton bracts to yield and fiber quality. (M.S., advisor: Bourland)

Kawakami, Eduardo. Agronomic, physiological, and biochemical effects of 1-MCP on the growth and yield of cotton. (M.S., advisor: Oosterhuis)

Kulkarni, Subodh. Soil compaction modeling in cotton. (Ph.D., advisor: Bajwa)

Loka, Dimitra. Effect of high night temperature on cotton gas exchange and carbohydrates. (M.S., advisor: Oosterhuis)

Ma, Jianbing. Influence of soil physical parameters, *Thielaviopsis basicola*, and *Meloidogyne incognita* on cotton root architecture and plant growth. (Ph.D., advisors: Kirkpatrick and Rothrock)
Nader, Anna Camila. Effect of transgenic antifungal peptides on mycorrhizal associations. (M.S., advisor: Stewart)
Navas, Juan Jaraba. The influence of the soil environment and spatial and temporal relationship on Meloidogyne incognita and Thielaviopsis basicola and their interaction on cotton. (Ph.D., advisor: Rothrock)
Osorio, Juliana. Comparison of BC1 and F2 maps of an interspecific hybrid (G. darwinii x G. hirsutum). (M.S., advisor: Stewart)
Snider, John. Effects of high temperature stress on the anatomy and biochemistry of pollen-pistil interactions in cotton. (Ph.D., advisor: Oosterhuis)
Still, Josh. Ecology and overwintering ability of Rotylenchulus reniformis in Arkansas. (M.S., advisor: Kirkpatrick)
Storch, Diana. Physiological and biochemical response of cotton to temperature stress during reproductive development. (M.S., advisor: Oosterhuis)
Tiwari, Rashmi. Molecular characterization of the diversity and natural hybridization of the Gossypium species of the arid zone of Australia. (M.S., advisor: Stewart)
Toksoz, Harun. Efficacy of seed treatment chemicals, including fungicides and host resistance inducers, and chlamydospore germination stimulants in controlling the black root rot pathogen, Thielaviopsis basicola, on cotton. (M.S., advisor: Rothrock)