APPENDIX I

STUDENT THESES AND DISSERTATIONS RELATED TO COTTON RESEARCH IN PROGRESS IN 2006

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: Dr. Luttrell)

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

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

Doukopoulos, Alexandros. Phylogenetic analysis of Gossypium hirsutum from the Caribbean basin and Florida. (M.S., advisor: Dr. Stewart)

Galligan, Larry. Optimizing release strategies of Neozygites fresenii (Entomophthorales: Neozygitaceae) for induction of epizootics in Aphis gossypii (Heteroptera: Aphididae). (M.S., advisor: Dr. Steinkraus)

Griffith, Griff. Glyphosate-resistant Palmer amaranth: Resistance mechanism and gene flow. (Ph.D., advisor: Dr. Norsworthy)

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

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

Hendrix, Bill. Molecular characterization of cotton: Genome size evolution and the genomics and metabolomics of osmotic stress in roots. (Ph.D., advisor: Dr. Stewart)

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

Kay, Sasha. Effect of Neozygites fresenii infection on fecundity, honeydew production, movement, and ultrastructure of the cotton aphid, Aphis gossypii. (M.S.,
Kawakami, E. Agronomic, physiological, and biochemical effects of 1-MCP on the growth and yield of cotton. (M.S., advisor: Dr. Oosterhuis)

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

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

Mills, Nathan. Cotton (*Gossypium hirsutum* L.) seedling root growth in response to low temperatures. (M.S., advisor Dr. Oosterhuis)

Nader, Anna Camila. Effect of transgenic antifungal peptides on mycorrhizal associations. (M.S., advisor: Dr. 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: Dr. Rothrock)

Osorio, Juliana. Comparison of BC$_1$ and F$_2$ maps of an interspecific hybrid (*G. darwinii* x *G. hirsutum*). (M.S., advisor: Dr. Stewart)

Still, Josh. Ecology and overwintering ability of *Rotylenchulus reniformis* in Arkansas. (M.S., advisor: Dr. Kirkpatrick)

Tiwari, Rashmi. Molecular characterization of the diversity and natural hybridization of the *Gossypium* species of the arid zone of Australia. (M.S., advisor: Dr. Stewart)