APPENDIX I

STUDENT THESES AND DISSERTATIONS IN PROGRESS IN 2005

Allen, Kerry Clint. Variability in *Helicoverpa zea* (Boddie) and *Heliothis virescens* (F.) (Lepidoptera Noctuidae) in Arkansas. (Ph.D., advisor: Dr. Luttrell).

Arevalo, L. Milenka. Effects of night temperatures on boll growth and yield, and determination of upper temperature thresholds for improving COTMAN management decisions. (M.S., advisor: Dr. Oosterhuis).

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

Bibi, Androniki C. The physiological response of cotton to high temperatures for germplasm screening. (M.S., advisor: Dr. Oosterhuis).

Brown, Robert S. The dynamics of dry-matter partitioning in the cotton boll of modern and obsolete cotton cultivars. (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).


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

Gonias, Evangelos. Effect of Trimax™ insecticide in the physiology, growth, and yield of cotton. (M.S., 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 bract trichomes to yield, yield components and fiber quality traits in cotton. (M.S., 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., advisor: Dr. Steinkraus).

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


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


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