APPENDIX I

STUDENT THESES AND DISSERTATIONS RELATED TO COTTON RESEARCH IN PROGRESS IN 2013

Burke, James. The response of cotton (Gossypium hirsutum L.) to slow release foliar fertilization and the effect of environment on absorption. (M.S., advisor: Oosterhuis)

Clarkson, Derek. Insecticide/herbicide interactions of tankmixes on cotton. (M.S., advisor: Lorenz)

FitzSimons, Toby. Cotton plant response to high temperature stress during reproductive development, remote sensing, and amelioration. (Ph.D., advisor: Oosterhuis)

Greer, Amanda. Relationship between Telone II and nitrogen fertility in cotton in the presence of reniform nematodes. (M.S., advisor: Kirkpatrick)


Hannam, Josh. Pathogens of the tarnished plant bug, Lygus lineolaris, in Arkansas. (M.S., advisor: Steinkraus)

Johnson, Dennis Brent. Distribution and control of glyphosate-resistant johnsongrass (Sorghum halepense) in Arkansas Soybean. (M.S., advisor: Norsworthy)

Kathiar, Soolaf. Ecology of insect pests of cotton and their natural enemies. (Ph.D., advisor: Lanza)

Kelly, Erin. Variation in crop and insect pest dynamics across soil EC based management zones in Arkansas cotton. (M.S., advisor: Teague)

Lewis, Austin. Field validation of irrigation planning tools in major Arkansas row crops. (M.S., advisor: Reba/Teague)

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

Ma, Jainbing. Influence of soil physical parameters, Thielaviopsis basicola, and Meloidogyne incognita on cotton root architecture and plant growth. (Ph.D., advisors: Kirkpatrick and Rothrock)

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)

Phillips, Justin. Effects of 1-Methylcyclopene on cotton reproductive development under heat stress. (M.S., advisor: Oosterhuis)

Pilon, Cristiane. Effect of early water-deficit stress on reproductive development in cotton. (Ph.D., advisor: Oosterhuis)

Pretorius, Mathilda. High temperature tolerance in cotton. (Ph.D., advisor: Oosterhuis)

Raper, Tyson. Potassium deficiency during reproductive development; effect on reproductive development, remote sensing and amelioration. (Ph.D., advisor: Oosterhuis)
Schrage, Brandon. Cotton Injury due to soil- or foliar-applied herbicides: An assessment based on the influence of genetic, agronomic, and environmental factors. (M.S., advisor: Norsworthy)

Von Kanel, Michael B. Fruit injury and developing injury thresholds in transgenic cotton. (M.S., advisor: Lorenz)

Zhang, Jin. Identification of heat stress genes related to heat tolerance in *Gossypium hirsutum* L. (M.S., advisor: Stewart and Srivastava)