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### THESES AND DISSERTATIONS FROM MSPB-FUNDED PROJECTS

17-2011: The biology and management of phytophagous stink bugs in Mississippi soybean production systems, by Wes McPherson, M.Sc. Thesis, Jan. 2012.

01-2012: Effects of defoliation in soybeans and susceptibility of soybean loopers to reduced risk insecticides, by Lucas Owen, Ph.D. Dissertation, May 2012.

06-2013: Differentiation of fungal phytopathogens by FT-IR and MALDI-TOF MS, by Curtis M. Atkinson, Jr., M.Sc. Thesis, Dec. 2013.

10-2013: Enhancing irrigation scheduling in the Mississippi Delta through soil moisture monitoring and improved modeling capabilities, by John C. Rawson, M.Sc. Res. Paper, May 2015.

11-2013: Health motivation for purchasing local foods in the Southeastern United States, by Sudha Thapaliya, M.Sc. Thesis, Aug. 2015.

17-2013: Association between stink bug damage and the incidence of *Phomopsis longicolla* in Mississippi soybean production, by Joshua Jones, M.Sc. Thesis, Dec. 2013.

01-2014: An evaluation of corn earworm damage and thresholds in soybean, by Brian P. Adams, Ph.D. Dissertation, May 2015.

17-2014: Evaluating the pest status of threecornered alfalfa hopper in Mississippi agricultural crops, by Jeffery T. Ramsey, M.Sc. Thesis, August 2015.

59-2014: Impact of neonicotinoids in Midsouth row crop systems, by John North, M.Sc. Thesis, May 2016.

20-2014: Evaluation of a cultural practice and 2,4-D-based herbicide programs for glyphosate-resistant Palmer amaranth management, by Benjamin Lawrence, M.Sc. Thesis, Dec. 2015.

20-2014: Postemergence control of Palmer amaranth with mesotrione-based herbicide mixtures and the impact of lactofen and planting date on the growth, development, and yield of indeterminate soybean, by Joseph P. Mangialardi, M.Sc. Thesis, August 2015.

45-2014: A comparison of auxin herbicide volatility when applied under field conditions, by Camille Hayden, M. Sc. Thesis, Aug. 2014.



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42-2014: Determining the effect of auxin herbicide concentration and application timing on soybean growth and yield, by Alanna Blaine Scholtes, M.Sc. Thesis, Dec. 2014.

44-2014: The effect of hose type and cleanout procedure on crop injury due to herbicide residues, by Gary T. Cundiff, Ph.D., Dec. 2015.

56-2014: Impact of irrigation applications at soil moisture deficits on plant development and yield of indeterminate and determinate soybean varieties, Andrew Brown, M. Sc. Thesis, Dec. 2015.

48-2014: Estimation of deer damage to soybean production in Mississippi: a spatial and temporal context, by Gathel Caleb Hinton, M.Sc. Thesis, Aug. 2015.

51-2014: Integration of cereal cover crops and synthetic auxin herbicides into row crop production and weed management, by Ryan J. Edwards, Ph.D. Dissertation, Aug. 2015.

59-2014: Factors influencing honey bee abundance across agricultural landscapes in the Midsouth, by Daniel A. Whalen, M.Sc. Thesis, Aug. 2015.

61-2014: A comprehensive study into quinone outside inhibitor resistance in *Cercospora sojina* from Mississippi soybean, by Jeffrey R. Standish, M.Sc. Thesis, May 2015.

37-2015: Baseline susceptibility of selected lepidopteran pests to diamides and use strategies in Mississippi soybean, by Charles Andrew Adams, Ph.D. dissertation, May 2016.

61-2015: Determining Fitness Cost in QoI-Resistant Isolates of the Frogeye Leaf Spot Pathogen, by Nicole Brochard, M.Sc. Thesis, May 2017.

58-2016: Impact of planting date and maturity group on management strategies for insect pests in soybean, by Nicholas Bateman, Ph.D. dissertation, May 2017.

27-2015: Soybean yield and biomass response to supplemental nitrogen fertilization, by Justin McCoy, M.S. Thesis, Aug. 2016.

10-2016: Evaluation of an on-farm water storage system as a BMP for sediment and nutrient reduction, nutrient recycling, and irrigation in East Mississippi, by Ritesh Karki, M.Sc. Thesis, Aug. 2016.

10-2016: On-Farm Water Storage (OFWS) as a Tool to Reduce Risk, by Domena A. Agyeman, M.Sc. Thesis, Aug. 2017.



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20-2016: Evaluation of foliar fertilizer or cytokinin mixtures in combination with common postemergence soybean herbicides, by Huntington Tyler Hydrick, M.Sc. Thesis, Aug. 2017.

45-2015: The effect of droplet size and sprayer type on physical drift, by Henry Foster, III, M.Sc. Thesis, Aug. 2017.

72-2015 (Blaine Fellowship): Managing charcoal rot of soybean through supplementing secondary nutrients, by Tessie Wilkerson, Ph.D. dissertation, Aug. 2017.

18-2017: Monitoring *Aspergillus flavus* progression and aflatoxin accumulation in inoculated maize hybrids, by Cedric Reid, Ph.D. dissertation, Aug. 2017.

17-2017: Evaluation of kudzu bug as a pest in Mississippi soybean production systems, by William McRight, M.Sc. Thesis, May 2018.

36-2017: Impact of planting strategies on soybean growth, development, and yield, by Shane M. Carver, M.Sc. Thesis, May 2018.

66-2017: Evaluation of narrow row soybean production and twin row planter errors for furrow-irrigated soybean in Mississippi, by Richard Smith, M.Sc. Thesis, May 2018.

13-2018: Influence of winter annual cover crops and insect management strategies on insect pests of Miss. soybean, by Daniel A. Whalen, Ph.D. Dissertation, Dec. 2018.

75-2017: Soil moisture stress effects on soybean vegetative, physiological, and reproductive growth and post-harvest seed physiology, quality, and chemical composition, by Chathurika Wijewardana, Ph.D. Dissertation, Dec. 2018.

75-2017: Temperature effects on soybean vegetative, physiological, reproductive growth and development, and seed yield and quality, by Firas Ahmed Alsajri, Ph.D. Dissertation, Dec. 2018.

18-2018: Stewarding 2,4-D and dicamba-based weed control technologies in cotton and soybean production systems, by John Tyler Buol, Ph.D. dissertation, May 2019.

74-2018 (Moore Fellowship): Impact of early-season insect management decisions on yield of soybean, by John Hartley North, Ph.D. dissertation, Aug. 2019



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