

# Travis Edward Dorsey

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Diligent and motivated professional with experience and expertise in agricultural and environmental science, entomology, integrated pest management, greenhouse management, crop consulting, and farm management. Having both a strong work ethic and a problem-solving nature, I can offer your business effective leadership and communication skills with the ability to produce success both individually and as a supportive team member. Certifications, skills, and areas of proficiency include but are not limited to:

*Greenhouse management* ▪ *Insect pest surveillance & identification* ▪ *Plant grafting & transplanting* ▪ *FAA Part 107 Certified Remote Pilot* ▪ *Certified Pesticide Applicator (GA, NC)* ▪ *Crop fertilization & nutrition* ▪ *Sustainable agriculture methods & practices* ▪ *Precision agriculture* ▪ *Greenhouse transplant production* ▪ *Public outreach & education* ▪ *PRIVA software* ▪ *Data collection* ▪ *Heavy equipment, power tool, & agricultural equipment operation & troubleshooting*

## Professional Experience

### Greenhouse Manager July 2019 - Present

Tri-Hishtil, LLC | Mills River, NC

- Supervision of the daily decisions in the greenhouse including nutrient and water requirements and implementation of the irrigation programs
- Design and execution of the greenhouse Integrated Pest Management programs & herbicide programs
- Cooperate with the Agrotechnical Manager to determine the causes of and solutions to crop plant issues
- Maintain records of crop activities and observations, including pesticide applications, pest populations, and production records
- Set priorities for and manage eight Assistant Growers and twenty-five seasonal laborers
- Know specifications for each crop and contribute to quality improvements
- Assist in implementation of trials in the greenhouse
- Help troubleshoot greenhouse irrigation systems, production infrastructure, environmental controlling equipment and software.

### Farm Manager & Entomologist April 2017 - July 2019

Dorsey Farms, LLC | Nashville, GA

- Manages farming operations for a 700 acre pecan farm.
- Developed farm operational plans and protocols including IPM, fertility, post-harvest handling, crop pest surveillance, worker safety, pesticide application records, and farm equipment inventory.
- Manage daily, weekly, and seasonal tasks required for overall crop management for 700 acres of pecan trees. Responsibilities include but are not limited to: record keeping, employee supervision, scheduling and logistics, broker relations, crop harvest, on-site retail store supervision, contractor relations, general labor, equipment maintenance, crop surveillance, data collection.

### Facility Manager & Entomologist September 2015 - April 2017

Bitwater Farms, LLC | Mills River, NC

- Managed facility operations and equipment for an indoor insect farm producing insects for use as a protein alternative for feed and food and served as supervisor of farm operations and facility manager.
- Developed facility operational plans and protocol including IPM, Biosecurity, Insect Nutrition, Insect Harvest, Post-Harvest Handling, Colony Surveillance, Worker Safety, Facility Health, Daily Work Reports, and Facility Inventory.
- Designed and tested insect production equipment including large-scale modular insect habitats, insect feeding and hydration systems, automated rearing environments.

### Entomologist November 2013 - September 2015

Mosquito Control Services of Georgia, LLC | Glynn County, GA

- Managed operations for a municipal mosquito abatement program in Glynn County, GA.
- Provided entomological expertise for problems associated with integrated pest management of mosquito species in areas of Louisiana and Georgia; educates the general public and community leaders about mosquito biology, control efforts and health risks; provides public outreach to schools, organizations, and public events.
- Coordinated insect surveillance duties of mosquito populations using trapping methods and field inspections; administered pesticide and biological control applications to control mosquitoes; equipment management; inventory management; product efficacy bioassays and disease antibody testing; public relations.

### Research Technician III January 2013 – November 2013

U. of Georgia CAES Department of Entomology | Athens, GA

- Assisted in bioassay experiments testing a biological control agent, *Bacillus thuringiensis* subsp. *israeliensis*, on aquatic black fly larvae, *Simulium vittatum* Zetterstedt, in both laboratory and field settings.
- Developed experiments with fellow graduate students testing the effects of various naturally-occurring substances (kaolinite, cellulose, algae) on larval feeding behavior.
- Management of a black fly colony for use in biological research experiments and biocontrol product efficacy trials.

## Education

**Master of Plant Protection and Pest Management - M.P.P.P.M.** December 2012 University of Georgia, Athens, GA  
College of Agricultural and Environmental Sciences

**Bachelor of Science in Environmental Sciences - B.S.E.S.** December 2010 University of Georgia, Athens, GA  
College of Agricultural and Environmental Sciences, Major: Entomology