

N.C. Cooperative Extension
NC State University
2501 Founders Drive, Suite 120
Campus Box 7602; Patterson Hall
Raleigh, NC 27695-7602



Union County Extension/PSI Intern

Location: Union County

Program Area: Agriculture and Natural Resources

Immediate/Site Supervisor: Morgan Menaker, Aaron Moore, Andrew Baucom

Other Mentors and Supervisors: Morgan Menaker; Aaron Moore; Sarah Dinger, PSI

Position

Description/Responsibilities:

- The N.C. PSI helps growers solve real-world problems in the field through cutting-edge plant science innovation.
- The intern will support the work of Extension experts on the N.C. PSI, including cropping systems, science communication, and climate smart agriculture.
- The intern will engage in beta-testing technologies, being developed by the N.C. PSI and other researchers, on local farms.
- The intern will support work with a multispectral scanner, which detects viruses before symptoms appear in plants by observing wavelengths in plant tissue, in order to provide feedback on the scanner and its usability in the field. This feedback will help improve usability and practicality for use across NC, focusing on NC crops.
- The intern will support the work with Agerpoint to help deliver agricultural solutions in NC and beyond, utilizing the Agerpoint Capture mobile app to capture 20-30 ft digital samples from row crop production fields during early vigor stage (as early as VE, as late as V5)
- All other duties as assigned.

Preferred qualifications/previous coursework:

- Previous coursework and/or experience in agriculture.
- Interest in experiencing Extension and research work and exploring careers in agriculture and the allied sciences.

Benefits/skills student will gain through this internship:

- Data analytics, data collection, and data visualization.
- Prepare for varied and exciting research and Extension careers by gaining practical experiences for strengthening plant health, production, and products.

Additional Information

- As a Research and Extension Experiences for Undergraduates (REEU) program of United States Department of Agriculture National Institute of Food and Agriculture (USDA-NIFA), **applicants are limited to current undergraduates.**
- Explore the N.C. Plant Sciences Initiative: <https://cals.ncsu.edu/psi/>
- For further details, applicants are encouraged to contact Morgan Menaker (msmenake@ncsu.edu), Aaron Moore (aaron_moore@ncsu.edu), and/or Sarah Dinger (scdinge2@ncsu.edu).
- The use of brand names and/or any mention or listing of specific commercial products or services herein is solely for educational purposes and does not imply endorsement by North Carolina State University or our partners, nor discrimination against similar products or services not mentioned.

