



**UF/IFAS AGRONOMY
DEPARTMENT**



**SOIL, WATER, AND
ECOSYSTEM SCIENCES**

Integrated Crop-Livestock Systems

Seeking Ph.D. Student Starting Spring 2025

The Department of Agronomy at the University of Florida is seeking a highly qualified graduate student for the Ph.D. program starting Spring semester of 2025 under the guidance of Dr. Sudeep Singh Sidhu (Agronomy Department), with Dr. Gabriel Maltais-Landry (Department of Soil, Water, and Ecosystem Sciences) as a co-advisor. The student will be primarily housed at the North Florida Research and Education Center in Quincy, FL. The student will work on research projects related to sod-based rotation and integrated crop livestock systems. Potential areas of research include (but are not limited to):

1. Plant physiological attributes related to nutrient cycling in these systems
2. Nutrient fate and losses to the environment, particularly nitrate
3. Soil health and soil carbon cycling

Applicants must have experience in, agronomy, soil sciences, agricultural engineering, or related fields. Qualified applicants will be eligible for a full tuition waiver and a graduate assistantship for up to three years, with possibility of 4th year and beyond. Preference will be given to applicants with a strong publication record, high GPA, experience in statistical and other quantitative analyses, and co-curricular activities.

Responsibilities will include conducting fieldwork, sample collection and analysis, publishing, and reporting, while making satisfactory progress toward the Agronomy Ph.D. degree. This position will require travel to different research locations and outreach/extension activities; therefore, applicants must have a valid driver's license or should be expected to receive a driver's license within the first two months of joining the program.

For more information, contact [Dr. Sudeep Sidhu \(s.sidhu@ufl.edu\)](mailto:s.sidhu@ufl.edu) and/or [Dr. Gabriel Maltais-Landry \(maltaislandryg@ufl.edu\)](mailto:maltaislandryg@ufl.edu). We will conduct zoom interviews and once a candidate is selected, we will advise the selected candidate to apply to the UF Agronomy Department Graduate Program: <https://agronomy.ifas.ufl.edu/graduate/>. The application deadline for Spring 2025 is September 3, 2024.