

**NC State University–Assistant Professor / Weed Ecology**, Department of Crop and Soil Sciences, NC State University, Raleigh, NC. Twelve month, tenure track position with a 55% Research/25% Teaching/20% Extension appointment. The candidate will develop a nationally and internationally recognized, externally funded research program in weed science focused on weed biology and ecology. Expertise in conducting field, greenhouse, and laboratory research is expected. The successful candidate will be an integral, collaborative, and supportive member of the NCSU Weed Science Program as well as the Crop and Soil Sciences faculty. The focus of this position will be to increase understanding of weed biology and ecology in relation to the weed seed bank, weed spread and survival, plant invasions, response of individual and weed communities, and application of this understanding to weed management. Research emphasis will be on weed/community biology and ecology and should include weeds of major NC commodity crops as well as turfgrass, horticultural crops, pastures, and aquatic/non-cropland areas. Specific areas of expertise may include weed and agroecosystem data analytics, population or organismal biology, physiological and genetic basis for competitive traits and interactions with crops or cropping systems. The candidate will develop alternative strategies to herbicides including crop rotations and tillage, manipulation of the weed seedbank, and other cultural practices that will allow extension faculty to improve sustainable weed management recommendations to stakeholders. The candidate will teach one undergraduate and one graduate course related to weed ecology and biology. The undergraduate course should address principles of weed ecology and biology in agricultural and natural ecosystems. The graduate course should emphasize core ecological principles essential to graduate weed science education. Recruitment, mentoring, and teaching of graduate students are also expected. Authorship or co-authorship of at least one extension publication per year is expected to provide effective outreach to clientele. Other outreach could include workshops and presentations at commodity and relevant meetings to support Extension agents and specialists. Minimum education/experience: PhD degree in Weed Science, Agronomy, Horticulture, Plant Biology, or related discipline is required with expertise in weed science and a record of peer-reviewed publications and scholarly accomplishments commensurate with experience. Salary commensurate with experience. Contact Dr. Rob Richardson (rob\_richardson@ncsu.edu), search chair, with questions. Additional information about the Department of Crop and Soil Sciences can be found at: <https://cropsoil.ncsu.edu/>. Applications accepted until a suitable candidate is found. Apply online at <https://jobs.ncsu.edu> for position number #00105693.

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran.

