

Position Announcements

MISSISSIPPI STATE UNIVERSITY

JOB TITLE: MAFES Weed Scientist/Herbicide Physiologist

DESCRIPTION: Develop a nationally recognized research program in Weed Science/Herbicide Physiology that addresses critical weed management issues in a diversity of crops (corn, cotton, rice, soybean, wheat, and peanut) grown by producers in the Mississippi Delta and surrounding areas. Research focus will be on herbicide physiology, weed resistance to herbicides, weed biology, and plant (crop/weed) responses to biotic and abiotic stresses. Determining mechanisms of resistance in herbicide-resistant weeds, identifying genetic inheritance of herbicide resistance in weed biotypes, investigating physiological response of weed population/biotypes to herbicides, and evaluating the impact of adjuvants and drift retardants on herbicide performance are some areas of research that should be addressed. The position will be located at the Delta Research and Extension Center (DREC) in Stoneville, MS. Incumbent will be expected to work closely with fellow DREC, Mississippi State University, and USDA-ARS researchers. The incumbent will also be expected to secure extramural funding to support research activities, publish research findings in appropriate professional research journals, and make presentations at professional meetings. The incumbent will be encouraged to participate in graduate student training and contribute to collaborative teaching in off-campus and campus-based educational programs in weed science/herbicide physiology.

QUALIFICATIONS:

- 1) An earned doctorate or all but dissertation for doctoral degree in Weed Science, Agronomy, Plant Physiology, Molecular Biology, or closely related discipline.
- 2) Experience in weed management, herbicide mode of action, plant physiology, statistics, experimental design, and/or the current molecular techniques required to conduct research to answer above objectives.
- 3) Familiarity with modern agricultural production practices.
- 4) Excellent written and verbal communication skills to publish research findings in peer reviewed journals and interact effectively with producers, faculty, staff, students, researchers, and other personnel.
- 5) Ability to secure extramural funding, design and manage research projects, and supervise personnel.

Preferred Qualifications

- 1) Postdoctoral experience.
- 2) Ability to publish research findings in peer reviewed journals.
- 3) Ability in developing grant proposals and securing extramural funding.
- 4) Willingness to address critical issues as a team member in collaborations with scientists from state and federal institutions.

REFERENCE: Requisition # 3692, Assistant Research Professor. <http://www.jobs.msstate.edu/hr>

posted January 24, 2008

Position Announcements.

If you would like to announce an event or position in the NCWSS region contact Harlene Hatterman-Valenti or Glenn Nice.

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