Post-Doctoral Research Associate – Cover Crop Project

The University of Nebraska–Lincoln invites applications for a Post-Doctoral Research Associate position in the Cover Crop Project (CCP). This is a 12-month, 100% research, non-tenure leading position established for a period of one year. Continuation of the position beyond one year is dependent upon satisfactory performance in successfully accomplishing assigned duties and in availability of continued funding from two commodity boards. The CCP position is funded for two more years, but must be renewed each year and depends on continued commitment by the boards.

The successful candidate will primarily coordinate multi-location field experiments designed to compare various cover crop treatments in corn following corn, corn following soybeans, and soybeans following corn in rainfed and irrigated systems. Variables studied will include characterization of soil quality indicators, water use efficiency, cover crop production, and the subsequent soybean and corn growth and yield.

The incumbent will work with the principal CCP investigators as well as technical support people and graduate students. He/she will review the literature, conduct, analyze, and interpret data, develop timely reports, and publish results from the project in refereed journals. This person will also write review articles and prepare competitive grant proposals to establish additional projects related to intensive cropping systems. The successful candidate will be part of an interdisciplinary CCP team encompassing different fields including soil science, plant science, engineering and economics. The individual must work independently as well as with a diverse team of researchers, extension personnel, and farmers.

Required qualifications include: (1) Ph.D. degree in agronomy, soil science, or related field, (2) demonstrated knowledge, experience, and expertise with soils, crops, and field experimental procedures (3) excellent verbal and writing skills - documented ability to serve as a lead author in publishing papers, (4) ability to work effectively as a team member, and (5) experience with modern Corn Belt farming methods and systems.

To apply, send application letter, resume, graduate transcripts, and names and contact information of three references in pdf format to: Drs. Roger Elmore (roger.elmore@unl.edu), Humberto Blanco (hblanco2@unl.edu) and Charles Francis (cfrancis2@unl.edu). Review of applications will begin 1 June 2015 and continue until the position is filled or the search is closed.

The University of Nebraska-Lincoln is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers.