



**Post-Doctoral Research Ecologist/Agronomist/Soil Scientist**  
**USDA/ARS – Sidney, Montana**

**Description:** The Northern Plains Agricultural Research Laboratory (NPARL) in Sidney, Montana is seeking a full-time Post-doctoral Research Associate for a TWO-YEAR APPOINTMENT extendable to three, to join our team specializing in ecologically-based management of dryland cropping systems. The preferred start date is March 11, 2024, but please reach out even if this timeline doesn't match yours perfectly. The NPARL is a team of plant, soil, and insect researchers working on applied, cross-scale ecological questions focused on climate-adaptive strategies that improve resiliency of cropping systems and rangelands. We use a variety of methods ranging from short-term greenhouse studies to long-term field experiments.

**Role:** The successful applicant for this position will lead greenhouse and field experiments on dryland cropping systems and on restoration and establishment of Conservation Reserve Program (CRP) fields with some flexibility to explore individual interests in these areas. The selected candidate will have the opportunity to work with highly experienced scientists to study and report how grasses, legumes, and forbs adapt to climate change in arid and semiarid landscapes. They will work collaboratively as part of an interdisciplinary team with university and USDA researchers in Montana, North Dakota, Utah, and Colorado to develop climate-adaptive restoration strategies and trait-based approaches for overcoming barriers to establishment of native plant species in diverse dryland CRP plantings in the western United States.

**Qualifications:** A recent (within 4 years) Ph.D. degree in Ecology, Agronomy, Soil Science or closely related field is required. A strong background in soil-plant interactions, and a knowledge of the design and execution of greenhouse and field studies is desired. Field experience related to management of crop residues, plant nutrients, and water use efficiency is ideal. Mentoring of seasonal employees and the ability to work autonomously and as a member of a team is required. Demonstrated experience synthesizing data and writing manuscripts is expected.

**Details:** Salary is \$72,553 per year (GS 11) plus a comprehensive benefits package. U.S. citizens and permanent residents may apply.

**Open dates:** Applications will be accepted beginning January 18, 2024, and the position will remain open until a suitable candidate is found.

**Application:** Send a letter of interest, resume, college transcripts, and contact information for at least 3 references to:

Dr. Brett Allen

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