

**Postdoctoral Research Associate
University of Kentucky**

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Posted Apr. 1, 2025, set to expire Jun. 9, 2025

Job Title	Postdoctoral Research Associate
Department	81060:PLANT AND SOIL SCIENCES
Institution	University of Kentucky Lexington, Kentucky

Date Posted	Apr. 1, 2025
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Application Deadline	Open until filled
Position Start Date	Available immediately

Job Categories	Post-Doc
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Academic Field(s)	Agronomy/Plant & Soil Sciences
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Job Website	https://ukjobs.uky.edu/postings/572953
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Job Description

This advertisement seeks to fill an open postdoctoral position in the Rye Breeding Project in the Department of Plant and Soil Sciences at the University of Kentucky (Lexington, KY). The goal of this project is to develop commercially viable, short statured, high yielding, open pollinated rye varieties suitable for baking, brewing and distillation.

The selected candidate will play a pivotal role in “The Initiative to Bring Rye Back to Kentucky” by serving as a connecting link between farmers, end-users and researchers, promoting soil health and sustainable production practices, designing experiments, and collecting, analyzing, sharing, and reporting data to the growers and project’s board. The candidate will thus have the opportunity to improve interpersonal and strategic planning skills, along with knowledge and documentation of sustainable farming practices.

The candidate is also expected to develop rye breeding populations, screen for agronomic fitness as well as end use quality, and participate in the development of a nascent rye genomic selection

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platform. In addition to generating germplasm, publishable data and new agronomic, breeding, and/or genomic knowledge, the selected candidate will work with the rye breeding team on manuscript preparation, meeting presentations and grant writing, and mentor graduate and undergraduate students.

The anticipated division of time is: farm visits and communicating with growers (15%); writing post-farm visit reports, organizing data, writing newsletters and planning annual meetings (10%) conducting experiments and analyzing data (50%), contributing to manuscript or grant writing and mentoring of lab members (25%). This position is funded by "The Initiative to Bring Rye Back to Kentucky" for one year, with the opportunity for up to two additional years, contingent on performance.

To apply, please upload (1) Letter of interest that addresses each of the requirements and preferred qualifications, (2) CV, and (3) Contact information for three professional references. Initial review of applications will begin on March 3, 2025, but will be open until the position is filled. Please direct questions to Dr. Lauren Brzozowski (lauren.brzozowski@uky.edu).

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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