



Lebensgrundlagen für morgen sichern

Scientist (f/m/d)

Institute for Resistance Research and Stress Tolerance – Quedlinburg site

Application deadline: 31st March 2024 for reference number: QLB-RS-WA-01-24

The project

The joint project “Strategies for more efficient oat breeding for organic farming (SEEH)” aims to give impetus and improved starting material to the breeding, seed production and organic plant protection of oats in order to promote the long-term competitiveness of oat cultivation. Two JKI institutes, two oat breeders and the University of Giessen are working together to achieve this. In the sub-project at the Institute for Resistance Research and Stress Tolerance - Quedlinburg site, work is planned on priming with microorganisms in oats and their effect on biotic and abiotic stress tolerance. To this end, a defined range of 25 oat genotypes will be examined to differentiate the priming capacity with regard to the reaction to crown rust (*Puccinia coronata avenae*) and loose smut (*Ustilago avenae*), as well as drought stress. To carry out this work, we are looking for a scientist (m/f/d), subject to availability of funds.

Your responsibilities

- planning, implementation and evaluation of field and greenhouse trials with oats to investigate agronomic performance, crown rust resistance, loose smut resistance and drought stress tolerance;
- comparative study of various priming inducers of commercial and experimental origin with regard to resistance and/or tolerance inducing effects;
- guidance of skilled workers and student assistants;
- statistical evaluation of the complex designed experiments;
- presentation of the results at project meetings and presentations at national scientific and practical conferences;
- participation in the preparation of interim and final reports;
- publication of the results in refereed journals.

Your profile

- a completed academic degree in the field of agricultural sciences, biology or comparable disciplines;
- experience in setting up (e.g. randomization), conducting and statistical evaluation of experiments with plants in the field and greenhouse;
- good knowledge and practical experience in the areas of phytopathology and molecular biology;
- knowledge and experience in plant physiological and molecular methods;
- very good knowledge of German and English, both spoken and written;
- a class B (III) driving license and the willingness to drive company vehicles and undertake business trips.

We offer

- a varied, demanding and interesting job in an international working environment.
- a temporary part-time job until April 30th, 2028 with 25.35 hours per week on a third party funded project, subject to the availability of funds. The employment relationship is based on the collective agreement for the public service (TVöD-Ost).
- a remuneration up to pay group E 13 TVöD.
- The possibility of a doctorate and association with the training program of the international graduate school “Accelerating Crop Genetic Gain” (<https://www.irtg2843.de/>).
- an entry at the earliest possible time.

The JKI subsidizes the Deutschlandticket for its staff, who can purchase it at a reduced subscription price of €23.28.





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The Julius Kühn Institute (JKI) is an equal opportunities employer. The JKI is committed to inclusion. Applications from people with disabilities are therefore expressly welcome and given special consideration in the selection process. The JKI promotes the reconciliation of work and family life and, since 2021, has been holding the **audit workandfamily** certificate ([audit berufundfamilie](#)). Where possible, we offer flexible working time models to reconcile work and family life. More information can be found [here](#).

More information

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Applying online

Please apply via the INTERAMT job portal. To do so, click on the "**Online bewerben**" button on the INTERAMT page. The deadline for your application is 31st March 2024.

Please note that the language on the INTERAMT portal is German.

An overview of all vacancies at the Julius Kühn Institute can be found [here](#). Alternatively you can simply scan the QR code at the bottom right corner with your mobile device.

To apply, please register with INTERAMT at <https://www.interamt.de/koop/app/registrieren> or use your login if you are already a registered user. If you have any technical problems or questions regarding your registration, please contact INTERAMT directly at +49 (0) 385 4800-140 or by e-mail: kontakt@interamt.de.

Make sure to have uploaded all relevant documents for your online application by the application deadline.

If you have an international degree, please also enclose a certificate evaluation from the Central Office for Foreign Education (ZAB) with your application. If you do not yet have a certificate evaluation, you would have to apply for one upon successful application. For more information, please visit <https://www.kmk.org/zab/zeugnisbewertung.html>.

