

We are as an independent higher federal authority a research and advisory institution of the Federal Ministry of Food and Agriculture (BMEL).

We are seeking at the Institute for Strategies and Technology Assessment in Kleinmachnow, Germany a

research scientist / Ph.D. student (m/f/d)

We offer a fixed-term employment contract with prospective starting date July 1st 2019 and ending date June 30th 2022 to work in the project RYE-SUS, subject to the availability of budget funds and final project approval.

In RYE-SUS <https://www.suscrop.eu/projects-first-call/rye-sus> rye genotypes with novel plant architecture will be developed, tested and modeled. The so called semi-dwarf rye genotypes will be characterized regarding their harvest-index, lodging-resistance and resource use efficiency, as well as increased resilience to climatic change. The simulation of growth, development and yield of semi-dwarf and conventional rye for diverse environments of Europe constitutes a keystone of the project.

Your responsibilities

- Process and analyze multi-site and multi-year rye field experiment data from Germany and RYE-SUS partner countries;
- Develop and test a crop growth model for rye building on the developed field experiment data base;
- Model-based assessment of growth potential of semi-dwarf and conventional rye genotypes in diverse environments;
- Intensive cooperation with the international project partners;
- Preparation of scientific publications, reports and presentations in German and English.

Your qualifications

- a completed agricultural or natural science M.Sc. degree;
- good knowledge of crop physiology and crop production;
- initial experience and/or strong interest in crop modeling;
- good statistic skills including software (R, SAS, Matlab)
- very good written and spoken English language skills;
- willingness to carry out multi-day missions to abroad;
- the ability to work autonomously and responsibly, including strong organizational and communication skills and flexibility;
- perseverance and enjoyment of scientific work in a team.

We offer

- Part-time employment with 19.50 hours per week. The employment contract will be based on the collective agreement for the public service in Germany (TVöD-Ost).
- a remuneration according to salary group E 13 TVöD-Ost, provided that the successful applicant meets the required qualification and personal specification.

Generally, various forms of part-time employment are possible.

In case of equal qualification, applicants with disabilities will be specially considered. Only a minimum of physical fitness is required.

The Julius Kühn-Institut is committed to gender equality in the workplace.

In order to support the reconciliation of work and family life, the Julius Kühn-Institut offers flexible working time models as part of its employment opportunities.

Interested?

To apply, please submit your complete application including the job reference no.: KM-SF-WA 08/19 by **May 16th 2019** per post to:

Julius Kühn-Institut (JKI)
Federal Research Centre for Cultivated Plants
Hauptverwaltung
Erwin-Baur-Str. 27
06484 Quedlinburg

Please note that e-mail applications will not be considered.

Questions?

For further information please call +49 33209 48312 (Dr. Til Feike) or send an e-mail to: til.feike@julius-kuehn.de

Data protection

Information on data protection can be found here: <https://www.julius-kuehn.de/en/data-protection-information-for-applicants/>