

The Leibniz Institute for Agricultural Engineering and Bioeconomy is a pioneer and a driver of bioeconomy research. We create the scientific foundation to transform agricultural, food, industrial and energy systems into a comprehensive bio-based circular economy. We develop and integrate techniques, processes and management strategies, effectively converging technologies to intelligently crosslink highly diverse bioeconomic production systems and to control them in a knowledge-based, adaptive and largely automated manner. We conduct research in dialogue with society - knowledge-motivated and application-inspired.

As part of the project "**Knowledge-based precision crop production in a mixed farm (DigiMix)**" the following position is to be filled as

**Scientist (m/f/d) (100 %)**  
for the research field  
**„Economic Analysis of Digital Tools in Crop Production“**

The objective of the collaborative project is to test, investigate and demonstrate a digitalised process chain for knowledge-based and site-specific crop production in a mixed farm in Brandenburg. You will develop economic models to evaluate digital tools, i.e. variable rate application of fertilizer in mixed farm systems. The position is assigned to the research group "Economics of Technologies in Agriculture" in the department "Technology assessment and substance cycles" in close cooperation with the department "Engineering for crop production" at ATB and the external partners Technische Universität Berlin, University of Potsdam and German Research Centre for Geosciences (GFZ).

### Your responsibilities

- Development of models to calculate the economic impacts of different digital tools
- Analysis of potentials and limitations of digital tools in agriculture
- Presentation of project results at scientific conferences and stakeholder meetings
- Writing project reports and scientific publications

### Your qualifications

- Very good university degree in the fields of agricultural economics or related subjects (Diploma or Master of Science)
- Knowledge and experience in the economic analysis of farm systems
- Knowledge and experience in linear programming (i.e. GAMS)
- Knowledge in statistical data analysis
- High interest in interdisciplinary cooperation at the interface of agronomy and digital technologies
- Very good written and spoken English skills, German is an advantage
- Ability to work in a team and willingness to cooperate, reliability, flexibility, personal commitment and independent work
- European Driving license class B is an advantage

### We offer

- An attractive, interdisciplinary working environment in a team of experienced and young scientists and technicians
- Excellent infrastructure for carrying out scientific work
- Opportunity to do a doctorate within the project including the possibility to participate in structured doctoral programs
- Access to national and international networks for your scientific career
- Family-friendly working conditions that promote the compatibility of work and family life
- Company-owned electric bicycles for business trips
- Participation on the VBB company ticket
- Our institute is located on the edge of a picturesque park-like landscape and is easy to reach by public transport or by bike

The full-time position (100%) is limited until September 30<sup>th</sup>, 2025.

The salary is based on your qualification and professional experience according to TV-L up to salary group 13.

For further information, please contact **PD Dr. Andreas Meyer-Aurich** (E-Mail [ameyer@atb-potsdam.de](mailto:ameyer@atb-potsdam.de)) and visit our website [www.atb-potsdam.de](http://www.atb-potsdam.de).

If you like to contribute your professional competence to our interdisciplinary research, please apply by the following deadline **January 20<sup>th</sup>, 2023** using ATB's online application form for the job advertisement, **code 2022-2-11**, at <https://www.atb-potsdam.de/en/career/vacancies>. Applications received after the application deadline cannot be considered.

Equality of opportunity is part of our personnel policy. Disabled applicants with adequate qualification will be preferentially considered.

By submitting an application, you agree that your job application documents will be stored for a period of six months, even in the case of an unsuccessful application. Further information on the processing, storage and protection of your personal data can be found at <https://www.atb-potsdam.de/en/services/data-protection-declaration-for-the-application-process>.

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