



# Lebensgrundlagen für morgen sichern

## Researcher/Scientist (f/m/d)

Institute for Crop and Soil Science (PB) - based in Braunschweig, Bundesallee

Application deadline 29<sup>th</sup> May 2026 for the reference number: BS-PB-WA-20-26

### The project

As part of the model and demonstration projects (MuD) in the area of “Humus buildup in fruit and vegetable cultivation as well as in the cultivation of wine and hops”, innovative and long-term agronomic measures for humus preservation and humus buildup to be carried out on up to 100 practical farms in the four areas of hops and viticulture, vegetable and apple cultivation will be implemented and scientifically assessed in a total of fourteen growing regions throughout Germany.

The aim of the scientific support of the MuD led by the JKI is to comprehensively evaluate the effectiveness of the measures with regard to humus preservation and buildup, climate change mitigation and economic efficiency in order to ensure the targeted and long-term dissemination of promising measures into agricultural and horticultural practice and to formulate corresponding policy recommendations.

In close cooperation with the four MuD, the tasks of the scientific support at the JKI include the coordination of uniform data collection regarding soil humus content and greenhouse gas (GHG) inventory, the development of a toolbox of measures for humus buildup and maintenance and their cropping systems assessment, the balancing of the humus buildup and maintenance potential as well as the climate change mitigation performance (i.e., GHG reduction potential) of various measures, the assessment of promoting and hindering factors for their implementation in practice, the integrated assessment of the measures including crop production challenges, humus buildup potential and feasibility of the measures as well as their overall climate balance, and the development and provision of political recommendations for action and practical transfer for effective humus buildup and climate change mitigation in special crops.

### Your responsibilities

- Comprehensive greenhouse gas (GHG) accounting of agricultural and horticultural production based on detailed survey data from measures and reference fields from around 100 practical farms;
- Conception, development and implementation of specifications for uniform analogue and digital data collection on farms for operational data and all horticultural work steps including material and energetic inputs;
- Operational and area-specific implementation of GHG accounting by means of partial life cycle analysis (LCA) according to the ISO 14044 standard and provision of the MuD farms' own climate balances;
- Consideration of the site-specific measure effects on soil carbon change and N<sub>2</sub>O emissions in accordance with the IPCC Tier 3 approach in collaboration with the JKI work package for humus balancing;
- Collection of specific operational data and econometric analyzes to assess factors that promote and hinder the implementation of humus-promoting measures;
- Assessment of the GHG mitigation costs in collaboration with project partners of the scientific support at the Thünen Institute;
- Close cooperation with the project partners of the scientific support at the Thünen Institute and the four MuD;
- Participation in the planning and implementation of project meetings and transfer events with the project partners and relevant stakeholders;
- Participation in the creation of reports, presentations as well as information and teaching material of concepts and project results;
- Publication of results at national and international specialist events and conferences as well as in national and international scientific journals.





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## Your profile

- A completed university degree (at least a master's degree, university diploma, or comparable qualification) in agricultural sciences or a comparable discipline, preferably with a doctorate;
- in-depth knowledge and experience in life cycle assessment (LCA) of agricultural production systems;
- in-depth knowledge and experience in collecting detailed production and operational data in agriculture and/or horticulture;
- in-depth knowledge of agricultural and/or horticultural practices including agronomic measures;
- if possible, experience in working with partners from agricultural and/or horticultural practice;
- in-depth knowledge of agricultural or horticultural practice including crop cultivation measures such as planting, soil cultivation, fertilization, maintenance and greening;
- Experience in dealing with large amounts of data, using databases and good knowledge and experience in statistical and econometric data analysis (e.g., R, SAS, SPSS);
- an eye for the essentials and the ability to communicate these clearly;
- Willingness to go on business trips lasting several days;
- very good spoken and written German and English language skills;
- Experience with publishing in peer-reviewed journals and presenting project results at national and international conferences;
- the ability to work independently and responsibly, including strong organizational and communication skills as well as flexibility;
- Perseverance and enjoyment of scientific work in a team.

## We offer

- a varied, challenging and interesting job in a goal- and solution-oriented working environment as well as working in a project team at the JKI;
- a full-time employment with 39 hours a week initially limited until 31<sup>st</sup> December 2027 to work on a third-party funded project. Various forms of part-time employment are generally possible. The employment contract will be based on the collective agreement for the public service (TVöD);
- remuneration according to salary group E 13 TVöD if you have the required qualifications and skills;
- an entry as early as possible.

The Julius Kühn Institute (JKI) is an equal opportunities employer. We live a culture of a diverse and cosmopolitan work environment. 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](#).

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

## More information

Anna Sauer, Tel.: +49 (0) 3946 47-5380

Prof. Dr. Til Feike, Tel.: +49 (0) 531 596 2302

E-Mail: [til.feike@julius-kuehn.de](mailto:til.feike@julius-kuehn.de) (Please state the job reference number when contacting via Email).

## 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 29<sup>th</sup> May 2026.

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





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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](mailto: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 must apply for one if your application is successful. Further information can be found at <https://zab.kmk.org/en/statement-comparability>.

