

The Georg August University of Göttingen – Division of Agricultural Entomology - is seeking to employ a

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

- Salary group 13 TV-L (60%) –

This is a fixed-term position for a period of 3 years.

The position is part of the project "Development of alternative control strategies and methods for the control of the planthopper *Pentastiridius leporinus*" (SynColn)", funded by the German Federal Ministry of Food and Agriculture.

The overall aim of the project is to develop sustainable measures within the framework of integrated pest management to control *P. leporinus*. The planthopper poses a significant threat to sugar beet and potato production through the transmission of bacterial diseases. The main task of the sub-project is to develop combined measures for crop rotation, biological pest control and resistance induction, in co-operation with the project partners involved (Institute for Sugar Beet Research, Biocare, Südzucker, Pfeifer & Langen).

Your tasks

- Further development of bioassay systems to identify non-host plants of the planthopper
- Identification of chemical resistance inducers
- Optimisation of an attract-and-kill method
- Co-operation and co-ordination with project partners

Your profil

- University degree (Master's/Diploma or equivalent) in biology, agricultural sciences or related fields
- Experience in entomology
- Experience in chemical ecology, molecular biology and/or phytopathology an advantage
- Excellent English communication skills
- High level of independence and commitment
- Organisational and team skills

The University of Göttingen is dedicated to enhancing gender diversity, particularly in fields where women are currently underrepresented. Qualified women are highly encouraged to apply as part of our commitment to fostering a more balanced academic environment. Our institution prides itself on being family-friendly and actively supports the integration of academic pursuits with family life. Additionally, we are strongly dedicated to promoting the inclusion of individuals with severe disabilities in our workforce. Applications from candidates with severe disabilities are warmly welcomed, and those with equal qualifications will receive priority consideration. To ensure equitable treatment, applicants are kindly asked to disclose any disabilities or equivalent status in their application materials.

Please submit your comprehensive application (including a motivational letter and the usual documents) until 5 June 2024 via the following application portal: <http://obp.uni-goettingen.de/de-de/OBF/Index/74489>.

For further information contact **Prof. Dr. Michael Rostás, +49 551 39-29744, michael.rostas@uni-goettingen.de**

Note:

Please be advised that submitting your application constitutes consent to the processing of your application data by us in accordance with data protection regulations. For more information on the legal basis and data usage, please refer to the Data Protection Information Sheet on the General Data Protection Regulation (GDPR). <https://www.uni-goettingen.de/hinweisdsqvo>