

The Division of Agricultural Entomology in the Department of Crop Sciences at the University of Göttingen (Germany) seeks to fill the position of a

Postdoctoral researcher in Agricultural Entomology / Chemical Ecology

(all genders welcome)

Salary E13 TV-L (100%) according to German salary scale; fixed term (3 years) starting as soon as possible.

Sugar beet is one of Germany's major arable crops. However, due to growing pest pressure, its cultivation is becoming increasingly difficult. A new bacterial disease known as *Syndrome Basse Richeesse* (SBR) causes decreased sugar contents in beets, resulting in serious yield losses. The native planthopper species *Pentastiridius leporinus* acts as a vector for the disease and up to date no control measures are available. Furthermore, the planthopper's biology and ecology are little understood, preventing the fast development of sustainable management options. In a collaborative project with the Julius-Kühn-Institute and the plant breeding industry, we will study the chemical ecology and plant-vector-microbe interactions in this system and aim at identifying resistant plant genotypes. Funding is provided by the German Federal Office of Agriculture and Food.

We are seeking to hire a highly motivated and skilled entomologist with a background in chemical ecology. Candidates must hold an MSc in biology or agricultural sciences. Furthermore, a PhD in entomology or chemical ecology as well as first author publications in Web of Science listed journals are required. The candidate must have experience in insect behaviour and molecular and chemical analytical techniques, such as GC-MS. Solid knowledge in experimental design, statistics, communication skills and scientific writing in English is expected.

The University of Göttingen is an equal opportunities employer and places particular emphasis on fostering career opportunities for women. Qualified women are therefore strongly encouraged to apply in fields in which they are underrepresented. The University has committed itself to being a family-friendly institution and supports their employees in balancing work and family life. The mission of the University is to employ a greater number of severely disabled persons. Applications from severely disabled persons with equivalent qualifications will be given preference.

To apply, please provide (1) a letter of motivation including a statement of your research experience, (2) a CV including publication list, (3) copies of your degrees and (4) contact details of two referees willing to write confidential letters of recommendation. Documents must be sent by **e-mail as single PDF file to https://lotus2.gwdg.de/uni/uzdv/perso/knr_100834.nsf**. For further information, please contact Prof. Michael Rostás (michael.rostas@uni-goettingen.de). Application deadline: 21.04.2021.

Please note:

With submission of your application, you accept the processing of your applicant data in terms of the data-protection law. Further information on the legal basis and data usage is provided in the EU's Information General Data Protection Regulation (GDPR).