



securing tomorrow's resources

Scientist (f/m/d)

Institute for Plant Protection in Fruit Crops and Viticulture - based in Siebeldingen

Application deadline: 6th May 2024 for reference number: SIEB-OW-WA-02-24

Collaboration in a project funded by the Forschungsring des Deutschen Weinbaus entitled "Side effects of plant protection products (PPPs) on the natural regulation of leafroll disease vectors"

The project

In recent years, there has been a strong spread of leafroll disease and the scale insect vectors that transmit it in some wine-growing regions. Initial findings suggest that the cause of this is side effects of PPPs that unilaterally kill the natural enemies of the scale insects and could thus lead to a mass reproduction of the scale insects, which in turn would lead to an accelerated spread of leafroll disease. In view of the fragmentary studies on the acute toxicity of viticultural plant protection products to date, a systematic investigation of all active substances and formulations used in viticulture is necessary in order to be able to draw a reliable overall picture.

To determine the relevance of laboratory results on the toxicity of relevant PPPs to virus vector antagonists under field conditions, semi-field trials (aged residue tests) are to be carried out.

Using innovative multivariate analysis methods, spraying plans of differently affected areas should be analyzed in order to identify the plant protection products responsible for the mass propagation of the vectors. Epidemiological studies of individual areas in different wine-growing regions and updated inventories of the infestation situation will be used to determine the current threat to viticulture and vine breeding in Germany.

Your responsibilities

- planning and carrying out laboratory toxicity tests on the effects and side effects of PPPs on scale insects and their parasitoids;
- collaboration in the search for affected vineyards willing to cooperate;
- establishment of analysis procedures for the evaluation of tip plans with regard to leafroll infestation;
- implementation, coordination, documentation and evaluation of semi-outdoor and outdoor trials;
- independent evaluation and presentation of trial results;
- literature research, writing reports, presentations and publications.

Your profile

- a completed academic university degree (Univ.-Dipl./M.Sc.) in agricultural sciences, biology, ecotoxicology or a comparable degree;
- an eye for the big picture;
- experience with insects;
- very good knowledge of statistics;
- experience with own publications is of advantage;
- knowledge and experience in the field of ecotoxicology is an advantage;
- experience in experimental design and evaluation of scientific experiments;
- good communication and teamwork skills, the ability to collaborate across disciplines and to work independently and autonomously;
- very good knowledge of written and spoken German and English;
- proficient computer skills, if possible a class III (B) driver's license and the willingness to drive a company car.





We offer

- a varied, challenging and interesting job in an international working environment.
- a part-time employment with 25,35 hours a week until 14th May 2027 on a third party funded project. The employment contract will be based on the collective agreement for the public service (TVöD). The possibility of a doctorate is given.
- remuneration according to salary group E 13 TVöD.
- an entry as early as possible.

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

The Julius Kühn Institute (JKI) is an equal opportunities employer. 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](#).

More information

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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 6th May 2024.

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

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.

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 would have to apply for one upon successful application. For more information, please visit <https://www.kmk.org/zab/zeugnisbewertung.html>.

