



Agroscope Job Vacancy

Post

Staff Research Scientist – Weed Science

Introduction

The challenge of weed research consists in developing alternatives to chemical weed-control methods in as short a timeframe as possible. New, innovative methods are urgently needed owing to the development of herbicide resistance, the decrease in the number of available herbicidal agents and increased societal pressure to reduce the use of pesticides in agriculture.

The seven research groups of the 'Plant Production Systems' Strategic Research Division contribute to the development of alternatives to pesticide use, and help meet the various challenges in this field.

The 'Herbology in Field Crops' Research Group uses a holistic system approach to develop and evaluate alternatives to chemical weed-control methods. We are looking for someone with the requisite creativity and scientific expertise to advance research in this field.

Tasks

- Managing research projects (concept development, planning, execution and analysis) concerning new (alternative, innovative and non-chemical) methods of sustainable weed control in field crops (with a particular focus on sugar beet) and system trials.
- Developing and implementing new mathematical models for studying the dynamics of weed flora in innovative cultivation systems.
- Developing codes, statistical methods and applications for complex data analyses of weed populations in the field.
- Providing advice and support with statistical analysis in other projects of the Group.
- Acquisition and management of third-party-funded projects
- Creating and maintaining contacts with practitioners and public agencies as well as with research institutes in Switzerland and other countries.
- Publishing scientific papers and practice-oriented articles in national and international journals and presenting findings at conferences.

Your Profile

- Degree (from a university or polytechnic) in Agronomy or Plant Sciences with a PhD and a good scientific background in the research area
- Outstanding knowledge of statistics ('R' software)
- Good knowledge of agronomy and botany / weed science
- Experience managing large national and international research projects
- A team player, good communication skills within the Research Group and with practitioners
- Practice-oriented and scientific network in the field of weed science an advantage
- Good knowledge of the framework conditions of Swiss agriculture an advantage
- Good knowledge of German and English (workplace language is French).

Information on the Employer

Agroscope is the Swiss federal centre of excellence for research in the agriculture and food sector. Its researchers carry out their work at a number of sites in Switzerland. Headquartered in Bern-Liebefeld, Agroscope is attached to the Swiss Federal Department of Economic Affairs, Education and Research EAER.



We offer you a varied job in an interesting work environment as well as thorough training. Flexible working hours and good employee benefits are other perks of this position.

This a permanent appointment.

Start date: 1 September 2021, or as agreed.

Place of Work	1260 Nyon, canton of Vaud
Salary Category	24
Employment Level	90-100%

Contact

If you are interested to this challenge, we look forward to receiving your online application by 30 June 2021 (www.stelle.admin.ch, Ref.No. 45903). Applications from recruitment agencies will not be considered.

Have we piqued your interest? Would you like to learn more about this post?

Judith Wirth, Head of the 'Herbology in Field Crops' Research Group, Tel. +41 (0)79 432 60 71, would be pleased to answer any further questions.