



Envirotyping research engineer / specialist in crop modeling m/f in Rodez at RAGT.

14/9/2023

- **Location:**

[Rodez](#)

- **Job Type:**

[Plant Breeding & Trials](#)

Job Description

RAGT R2n , research subsidiary of RAGT-Semences, a major player in the selection of field seeds, is recruiting a Envirotyping research engineer / specialist in crop modeling to lead environmenting project and GxExM studies.

The position will be within the "Statistical Genetics Unit", collaborating closely with R RAGT-R2n breeding and trialing teams, but also in close collaboration with the agronomists and eco-physiologists of Valorisation division from RAGT Semences.

The position will ideally be based at the RAGT 2n Druelle station near Rodez (12).

Your tasks :

- understand and analyse subjects at the cutting edge of research in agronomy, genetics and plant physiology
- build and optimize crop models to improve environmental characterization
- compare different process using mechanistic/statistical models, from the scientific community or developed in-house
- reading project that cover data-acquisition, statistical treatment and data visualization for pedoclimatic data and crop management practices throughout the RAGT company
- participate in the development of decision-support tools for the plant breeders and for farmers
- develop a state-of-the-art scientific and technical knowledge to become an expert of envirotyping/crop modeling

Your profile :

- Ph.D., or master degree with experience in one or more of the fields covered by the position: statistics, data science, agronomy, genetics, ecophysiology
- you are proficiency in statistical tools and data analysis-oriented programming (R, Python, C++, etc.)
- you have an experience in applying and/or improving crop models (eg STICS, ASPIM, SIRUS, etc.)
- you possess the skills to work in a multidisciplinary environment, to manage project, summarize and communicate and write in French and/or English.

Our offer :

Location : Druelle, Aveyron (12), France (remote work : 2 days / week)

Type of contract : permanent contract

Working time : full time

RAGT is committed to diversity through the implementation of an inclusive recruitment policy, specifically in favor of people with disabilities.

Reference : RECH/PDU/23/2110

<https://ragt-en.jobs.net/en-GB/>