

POSITION: Technician

Agrotecnio is committed to a diverse and inclusive work environment. Employment is assessed on the basis of qualifications, competence, integrity and organizational needs, in accordance with the HRS4R certification requirements. Women are strongly encouraged to apply.

Clear and precise description of the activity

Processing and statistical analyses of 2 years of RGB, multispectral and thermal UAV data over 3 types of experimental plots will be sown (100-150 m²): one infected with *Sesamia nonagrioides*, one protected with an insecticide formulation and one under natural infestation captured at the CSIC Mision Biologico Research Station in Galicia, Spain. Development of project reports on the guidance of the use of this UAV data for the development of UAV protocols for precision agriculture applications on the detection of *Sesamia* infestations at farm level and regional scales of application. Capture and processing of UAV farm-level data for testing and validation.

Place description

Agrotecnio- Universitat de Lleida
Campus Agroalimentari, Forestal i Veterinari
Avinguda Alcalde Rovira Roure, 191. 25198 Lleida

Profile, requirements and merits duly accredited.

- 1.- Degree in agriculture or environmental studies, plant physiology, ecology, or similar.
- 2.- Experience in data analysis and image data processing.
- 3.- Knowledge of applied basic statistics, graphing and mapping.
- 4.- Experience or knowledge of remote sensing and UAV methodologies.
- 5.- Good working knowledge of English and Spanish languages.

Expected duration.

6 Months (from 01/04/2025 to 30/09/2025)

Weekly hours.

17,5 h/week

Gross amount

758 €/month

Name of the responsible researcher.

Dr. Shawn Kefauver

Deadline.

24/02/2025

Place to present.

Secretary of Agrotecnio (administration@agrotecnio.udl.cat)

Composition of the evaluation committee.

President: Shawn Kefauver

Secretary: Jordi Bort

Voice: Guillem Segarra

Place where the resolution will be published

Agrotecnio website (<https://agrotecnio.org/careers-job-offers/>)

If you require further information on matters relating to the call please contact:

sckefauver@ub.edu

The contractual modality is of indefinite duration, with specific clauses linked to the financing of the project in accordance with art. 49 1.b) and art. and 52.e) of Royal Legislative Decree 2/2015, of October 23, whereby the revised text of the Workers' Statute Law is approved.

Please if you are interested in the position send a CV and one recommendation letter to the mail: administration@agrotecnio.udl.cat

Foot note: Appeals against outcome of the administrative selection process may be directed to the Director/Acting director of the Center within one month outcome of the selection process.

Lleida, 3rd February 2025

Shawn Kefauver