

## **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**

The candidate will actively participate in the project *Millora de la gestió de la capçada i del reg en plantacions tofoneres mitjançant la digitalització i el monitoratge 3D de les explotacions per a incrementar l'eficiència productiva i la sostenibilitat* – DIPROTES.

The task will be related to acquiring data and to the spatial and temporal analysis of the different trial sites. Data acquisition will be done with different technologies and techniques such GNSS-RTK receivers for trees and truffles location, galvanic soils sensors for the apparent electrical conductivity measurement, mobile terrestrial laser scanner for canopy characterization and digital aerial photogrammetry and multispectral images collected from UAVs. Subsequently, the trial sites will be completely digitized in a GIS in order to represent, process and analyze the different data to extract useful information to improve tree management.

### **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.- Master's degree related with agricultural systems and technology
- 2.- Experience in the use of
  - GNSS-RTk receivers
  - ECa sensors
  - mobile terrestrial laser scanners
  - 3D point clouds
  - GIS
  - UAVs
  - Digital aerial photogrammetry
  - Multispectral images
- 3.- Knowledge of applied statistics
- 4.-Good knowledge of English Language

### **Expected duration.**

16 Months (from November 2024 to February 2026)

**Weekly hours.**

37.5 h/week

**Gross amount**

2.210 €/month

**Name of the responsible researcher.**

Alexandre Escolà Agustí

**Deadline.**

October 23<sup>rd</sup>, 2024

**Place to present.**

Secretary of Agrotecnio ([administration@agrotecnio.udl.cat](mailto:administration@agrotecnio.udl.cat))

**Composition of the evaluation committee.**

President: Alexandre Escolà Agustí

Secretary: Jordi Llorens Calveras

Voice: José Antonio Martínez Casasnovas

**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:

[alex.escola@udl.cat](mailto:alex.escola@udl.cat)

This contract is funded by" the activitats de demostració de transferència de coneixements (intervenció 7201), en el marc del pla estratègic de la PAC 2023-2027,corresponents a la convocatòria 2023"

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](mailto: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, 3/10/2024**

Alexandre Escolà Agustí