

Service ID S00383

Location Spain



Physical testing and data collection of agricultural sensors

Provider service

University of Cordoba (UCO)

Link to content

<https://agrifoodtef.eu/catalogue-of-services/physical-testing-and-data-collection-agricultural-sensors>

Type of Sector

Arable farming, Horticulture, Tree Crops, Viticulture

Accepted type of products

Data, Physical system

Type of service

Collection of test data, Test design, Test execution, Test setup

Description

This service provides comprehensive data collection from various agricultural sensors used in farming environments. By ensuring high-quality data acquisition, this service supports testing, validation, and performance assessment of agricultural models, technologies, and equipment. The collected data can be used to evaluate sensor reliability, accuracy, and operational effectiveness, helping identify potential improvements. Through field testing and controlled experiments, customers gain valuable insights into their sensors' performance.

How can the service help you

Customers utilising this service will obtain precise data from their agricultural sensors under different environmental conditions. The collected data will support validation efforts and enhance the understanding of sensor effectiveness. This service is particularly useful for technology developers, researchers, and agricultural enterprises looking to refine and improve their sensor-based solutions.

How the service will be delivered

Testing parameters can be adapted based on customer needs. Various environmental conditions can be simulated. Compatibility with different sensor types and agricultural models.

Service customisation

Field and controlled environment testing of agricultural sensors. Data collection through structured protocols. Comprehensive documentation of test conditions and collected data. Customers must provide sensors and any specific testing requirements.