

Service ID S00265

Location Spain



Evaluation of monitoring technologies for parameters in harvesters and equipment used pre and post harvest

Provider service

University of Cordoba

Link to content

<https://agrifoodtef.eu/services/evaluation-monitoring-technologies-parameters-harvesters-and-equipment-used-pre-and-post-harvest>

Type of Sector

Tree Crops, Viticulture

Accepted type of products

Physical system

Type of service

Certification, Collection of test data, Data analysis, Desk assessment, Performance evaluation, Test design, Test execution, Test execution, Test execution

Description

This service provides physical testing and evaluation of parameter monitoring technologies integrated into harvesters and post-harvest equipment for speciality crops, particularly in olive farming. Field assessments cover a range of technologies, including yield monitors, harvest mapping, fleet management systems, remote diagnostics, and fruit evaluation tools. By focusing on the pre- and post-harvest phases, this service ensures that sensor performance and measurement accuracy meet industry standards, supporting sustainable and precise agricultural practices.

How can the service help you

This service allows developers and agricultural professionals to validate the functionality and accuracy of sensor technologies in real-world conditions, particularly for speciality crops. It helps customers optimise equipment performance, enhance traceability, and implement sustainable practices, making it ideal for users looking to improve yield monitoring and fleet management in the olive farming industry.

How the service will be delivered

Customisation options include selecting specific parameters for monitoring and testing (e.g., yield, diagnostics) and the integration of additional traceability requirements. Any regional or crop-specific regulations are addressed with the client in advance.

Service customisation

The service includes on-site field testing in Spain, where sensors and monitoring systems are assessed directly on harvesters and related equipment. Deliverables include performance reports, data analyses, and certification of sensor accuracy. Clients should provide access to equipment and specify required parameters for testing.