Service ID S00359

Location France

Design of Experimental Protocols for Agricultural Applications Using AI

Provider service

ARVALIS

Link to content

https://www.agrifoodtef.eu/services/design-experimental-protocols-agricultural-applications-using-ai-technology-or-robotics

Type of Sector

Arable farming

Accepted type of products

Physical system

Type of service

Collection of test data, People training, Performance evaluation, Test design, Test execution, Test setup

Description

Our service offers expertise in the design and implementation of experimental protocols for agricultural applications, ensuring scientific rigor, reliability, and reproducibility. Whether evaluating new agricultural products, testing measurement instruments, or optimising farming practices, we help clients develop tailored protocols that align with industry standards and research best practices. Our experts provide methodological guidance, data collection strategies, and statistical analysis recommendations, enabling clients to generate accurate and meaningful results. By leveraging our expertise, agribusinesses and technology developers can enhance the credibility of their evaluations, accelerate innovation, and optimise decision-making in agricultural research and development.

How can the service help you

This service addresses several key customer needs in the agricultural sector, including the reliable evaluation of agricultural products, the optimisation of testing and measurement methods, and ensuring compliance with industry standards. We help clients design scientifically rigorous protocols that guarantee accurate data collection, reproducible results, and meaningful insights.

How the service will be delivered

This service is fully tailored to the customer's needs. This service is available on cereals, potatoes, forage, and flax.

Service customisation

After analysing the customer's requirements, we create a personalised action plan that outlines the best approach for designing the experimental protocol. Our experts provide customised guidance throughout the process, ensuring that the protocols are aligned with the specific goals and context of the customer's project. The action plan can be executed either on one of our infrastructures or on the customer's infrastructure, depending on the requirements.