

Service ID S00038



Location At user's premises, Austria

Testing of spot spraying performance

Provider service

Josephinum Research (JR)

Link to content

<https://agrifoodtef.eu/catalogue-of-services/testing-spot-spraying-performance>

Type of Sector

Arable farming, Horticulture

Accepted type of products

Physical system

Type of service

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

Description

Our spot spraying test service precisely checks how well your spraying system works under real-world conditions. The innovative approach allows for immediate documentation of the spray distribution without altering the spraying process. After application, we document the spread pattern and analyse this data to assess how effectively and precisely the liquid targets the intended areas. This enables you to fine-tune application techniques and evaluate herbicide effects, ensuring your spraying strategies are both efficient and environmentally conscious.

How can the service help you

This testing gives you clear, objective insights into your spot spraying system's performance and helps identify any potential issues under real-world conditions.

How the service will be delivered

The test can be customised at various levels. One of the main parameters are the crop, the number of repetitions and the locations of the test.

Service customisation

The test will be executed on a field at our institute in Austria. However, it is also possible to carry out a test at your premises. The test itself will take up to a day to execute, depending on the area of the field, weather conditions and location. After the test, you will receive a report on spot spraying quality in terms of the coverage of herbicide on crops and on weeds. In addition, metadata on the field and weather are recorded. Seasonally, the test is possible between March and October.