

One-stop service - world-class, worldwide

Rainfastness Studies

Eurofins Agroscience Services

With over 30 years of experience in Crop Protection, Eurofins Agroscience Services is a global CRO offering exceptional technical knowledge, testing and regulatory consultancy to plant health and crop protection manufacturers, the agri-tech sector, plant breeders and the seed industry.

In a dynamic and complex regulatory environment, our priority is to support clients through every stage of the agrochemical registration process.

Rainfastness is defined as being the period of time after product application at which rainfall has a minimal effect on the performance of the plant protection product.

Why measure rainfastness times?

Rainfastness times are important because plant protection products usually require time to adhere to or be absorbed through the leaf surface.

What can we test?

- A wide range of plant protection products
- A variety of crops/weeds, application timings and methods

What we offer

Using the raintowers at our facilities we are able to simulate:



Rainfall events from 3mm/hr to 20mm/hr in intensity
UK rainfastness tower



Droplet sizes representative of those typically observed in Western Europe

Confirmation of droplet size distribution can be provided by our state of the art rain laser.

What we provide

- A team with substantial experience in conducting rainfastness studies
- A complete bespoke service to our clients, which include: crop propagation, disease inoculation, product application replicating commercial spraying practices, sampling and analysis

The service can be offered to either GLP (residue) or GEP (efficacy) standards.

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easinfo@eurofins.com
www.eurofins.com/agroscienceservices



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