

One-stop service - world-class, worldwide

Rhizotron Services

Eurofins Agrosience Services

With over 30 years of experience in Crop Protection, Eurofins Agrosience 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.

Rhizotrons are laboratory constructs used for non-destructive observation and measurement of the underground development of plants

Our rhizotron services:

- Capture high quality, real time images of root development in commercial crops
- Generate efficacy data and marketing material relevant to the biostimulant plant protection product market
- Flexible approach to projects to accommodate specific or unique requests.

We offer

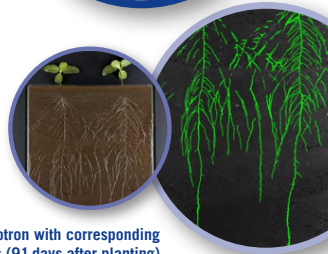
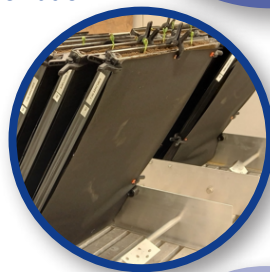
- Simultaneous evaluation of multiple rhizotrons allowing treatment effects on root development to be assessed in real time
- State of the art processing software to ensure high quality digital images for static imaging and time-lapse videos
- Two dedicated photographic studios and professional photographic equipment for time-lapse videos
- Seasonal variations in day length and temperature can be simulated using our computer controlled growth rooms
- Semi-automated Root Image Analysis (saRIA) to calculate 44 root traits from a digital image including; length, area, spatial distribution & orientation

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Sunflower Rhizotron with corresponding quantitative root analysis (91 days after planting)

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