

One-stop service - world-class, worldwide

Customizable Screening Solution

in vitro tests, pot and semi-field studies for efficacy and de-risking, regulatory strategy program

	Relevant Tests	Specific Technical Capabilities
Biopesticides	<ul style="list-style-type: none">• Pathogens Growth inhibition, confrontation test on Petri dish, detached leaf / leaf disc assay, semi-field inoculated trials• Insects Mortality check and efficacy profiling under laboratory, climate chamber, greenhouse and semi-field conditions• Nematodes Nematostatic or nematocidal activity in petri dishes Pot studies with sterilized and inoculated soil• Weeds Systemic or contact activity in pot studies	<ul style="list-style-type: none">• Mass rearing of insects and nematodes• Collection of pathogen strains• Year-round screening capabilities for 25+ pathogens and pests, other species available in season• Small and large cages for insect trials (1 to >10 plants / cage)• Customized laboratory, climate chamber and greenhouse screening
Biostimulants	<ul style="list-style-type: none">• Simulation of nutritional deficiencies and abiotic stress (water, salinity, T°)• Efficacy screening tests in isolated compartments with full control of soil, nutrition, water and T°	<ul style="list-style-type: none">• Timelapse, multispectral and thermal cameras• Root architecture, rhizotron and image analysis• 3D plant scan imagery with Phenospex Traitfinder• Soil microbiome analysis• Chlorophyll and plant nutritional analysis• Fruit quality assessment
Microbials	<ul style="list-style-type: none">• Survival test, viability and growth• Effect of environmental factors (T°, water, pH, soil, other microbials)• Root or plant colonisation level	<ul style="list-style-type: none">• Biosafety level 2 lab• Laboratory microbiological capabilities including culturing of microorganisms, microscopy including imaging, biological assays, real time PCR and ELISA



30+

Years of
Testing

3

European facilities
with efficacy
screening capabilities

2

European facilities
with de-risking
safety screening



Eurofins Agroscience Services Group
easinfo@eurofins.com
www.eurofins.com/agroscienceservices



agroscience services