

A Global CRO

One-stop service - world-class, worldwide



Working towards a sustainable future

Providing sustainable solutions for global food security, now and in the future, is a challenge of the modern world

With the population of our planet estimated to grow to nearly 10 billion people by 2050, the demand for agricultural products will increase by up to 50%.

This means intensifying pressure on natural resources whilst combating the consequences of a changing climate. Societal pressure on providers to deliver innovative products contributing to better health while minimising the impact on the environment has never been so high.

Weed, pest and disease control as part of wider Integrated Crop Management (ICM) is vital now, more than ever, to help achieve sustainable food security – for families today and generations of the future.

More responsibility is falling to the Agrosience industry to provide effective, scalable solutions.

Eurofins Agrosience Services is committed to enabling the success of these solutions.

Our Vision

Aligning with the strategic aims of the Agrosience industry's future needs, Eurofins Agrosience Services will continue to grow in key geographical areas and will expand its service portfolio to ensure all requirements can be met

Continued emphasis will be placed on providing high level regulatory support in key regions in order to relieve the burden of centrally addressing rolling review programmes.

Eurofins Agrosience Services main priority is to provide all support necessary to clients. A global team of regulatory experts, field and analytical scientists is committed to providing the best possible standard of scientific and regulatory support.

To ensure that Eurofins Agrosience Services continue to deliver the right services and support, a comprehensive Project Management program is in place. The benefit? A fully managed 'single provider' service on a global basis.

This sets Eurofins Agrosience Services apart in the CRO environment.



Worldwide Locations

- ✓ Biological Assessment
- ✓ Consumer & Human Safety
- ✓ Environmental Safety
- ✓ Product Chemistry
- ✓ Regulatory Consultancy
- ✓ Seed Services

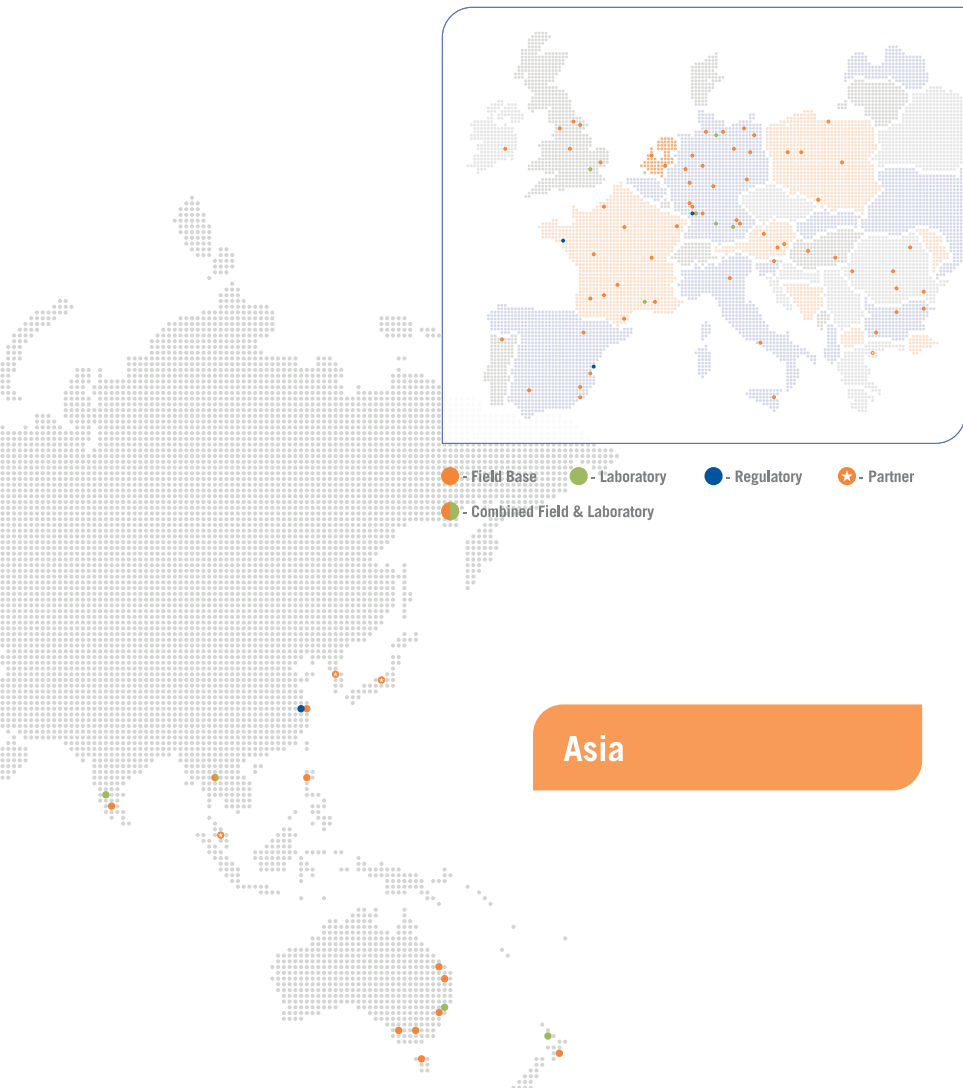
Europe

Americas

A team of regulatory experts supported by a highly developed, in-house network of field and laboratory facilities to support all your Regulatory-related activities

Africa

One-stop service - world-class, worldwide



Asia

Australia and
New Zealand

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A Unique Service Offering – the first agrochemical CRO to offer a truly global service

Part of the Eurofins Scientific Group of companies, Eurofins Agroscience Services aim is to be the number one contract research organisation for the Agroscience sector. Formed in 2006, Eurofins Agroscience Services has succeeded in acquiring some of the agrochemical industries most highly regarded CRO's and laboratories. In addition, the company has succeeded in attracting numerous experts and specialists. Individuals well known and respected in the Agroscience field.

This is part of an ongoing process to strengthen the Agroscience portfolio in terms of expertise, services and geographical reach. All constituent companies have a proven track record, some of them stretching back over more than 50 years, for providing their customers with high quality services in those areas in which they specialise.

Eurofins Agroscience Services now leverages the expertise and strengths of each to create a full service proposition for the agrochemical manufacturer:

- Biological Assessment
- Consumer Et Human Safety
- Environmental Safety
- Product Chemistry
- Regulatory Consultancy
- Seed Services

We aim to provide the agrochemical industry with all the technical support needed to screen and develop, register and steward new and existing products around the world.

Biological Assessment

Biological evaluation is a crucial process in the discovery, development and registration of all crop protection and specialty products

Efficacy studies for registration (GEP) and demonstration are conducted globally by dedicated staff that can provide data on representative climates in various regions and in a range of cropping systems.

Starting with initial screening, range finding and minimum effective dose, right through to full efficacy and selectivity programs and taking into consideration the impact of plant products on processing, non-target organisms, adjacent / succeeding crops and resistance risk; the body of data generated is immense.

Eurofins Agrosience Services can provide a full range of growth chamber, glasshouse and field studies for biological evaluation as well as ongoing support for trial programs, evaluating data and producing the dossiers required for registration. This process, from R&D right through to submission can be managed on your behalf by one of our efficacy project managers.

In addition to this, the expert team in charge of biological evaluation (Regulatory Efficacy Team) can support you in your registration process.



Consumer & Human Safety

Eurofins Agroscience Services can support in all aspects of consumer & human safety

Establishing that a plant protection product poses a low risk to human health and safety is of paramount importance in order to successfully register and market the product on a global basis. From operator exposure assessments to determining residues in pollen and bee products; from metabolism studies all the way through to GLP field residue studies – Eurofins Agroscience Services are able to support in all aspects of human exposure including food safety, dietary risk assessment and consumer safety, and are able to direct, conduct and evaluate the complex scenarios required for your product registration.

We can provide in depth analysis of residues data in order to set MRLs and import tolerances, estimate animal dietary burden and fundamentally, we can assess the dietary risk to human consumers from products that have been treated with pesticides.

Environmental Safety

An international team of ecotoxicology and environmental chemistry experts provide a complete Environmental Safety solution

With comprehensive knowledge of laboratory and field studies, our scientists work together to respond quickly, using the most current approach to complex, in-depth environmental studies.

Agrochemicals have helped to multiply food production over the last century in order to keep up with the needs of a growing population and to provide food security for as many people as possible. This responsibility will continue to fall to the food producing industry and associated industries for years to come.

However, this must be achieved in a sustainable way – the short and long-term impacts of agrochemicals in terrestrial and aquatic ecosystems and also their effects on humans have to be investigated and reduced to a minimum.

We focus on the fate and behaviour of substances and formulations in environmental systems, on their bioavailability, assimilation in organisms, as well as biological responses of these organisms, and on their subsequent fate in the environment.

Ultimately, Eurofins Agroscience Services is able to provide a full range of Terrestrial and Aquatic Ecotoxicology studies including Environmental Fate in laboratory and field as well as Ground Water Monitoring programs.



Product Chemistry

Eurofins Agroscience Services has the expertise to evaluate the intrinsic properties and behaviour of chemical active substances and formulations, and to confirm identity of active substances in plant protection product

We provide analytical services to conduct impurity profiling and 5-batch analysis in the technical materials needed for technical equivalence checks. To support the registration of active substances and plant protection products, Eurofins Agroscience Services offers a complete range of product chemistry testing including:

- Confirmation of identity of active substance by determination of its content in the formulation*
- Testing of physico-chemical properties**
- Storage stabilities of plant protection products at defined temperatures and shelf life of formulated products
- Impurity profiling and technical equivalence checks including 5-batch analysis***
- Validation of risk assessments methods in residue, toxicology, efate and ecotoxicology, used in support of pre-registration data requirements*
- Validation of monitoring methods for determination of active substance content in food and feed of plant origin, food of animal origin, water, soil, air, body fluids and tissues in support of post-registration of plant protection products

*under SANCO and APVMA guidelines

**following OECD, EC, APVMA directives and CIPAC methods

***under SANCO, OCSPP, PMRA, APVMA, EC and Brazilian Guidance

Our experts are experienced in working with most types of formulations and AI's and can offer these both to GLP and non-GLP.



Regulatory Consultancy

A bespoke registration service to meet all your global regulatory challenges

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

Eurofins Agrosience Regulatory Group is supported by a global network of field stations, laboratories and carefully selected partners. We are committed to advising on the best registration strategies and to compile registration documentation in line with current and upcoming regulatory guidelines.

With extensive experience in the various regulatory arenas, the team have worked under a range of partnership models over many years of active operation and is constantly expanding its capacity and capabilities.

Eurofins Agrosience Regulatory are able to provide support in the following industries:

- Crop Protection
- Biopesticides (including microbials)

Providing the highest quality consultancy services for all your global regulatory needs.

Seed Services

Eurofins Agroscience Services delivers a full range of services to the seed industry

Providing a broad range of services to the seed industry, Eurofins Agroscience Services operates across a global network of field stations and laboratories. With extensive experience in all key global and regional agricultural crops and commodities, we are your ideal partner for seed development and testing services.

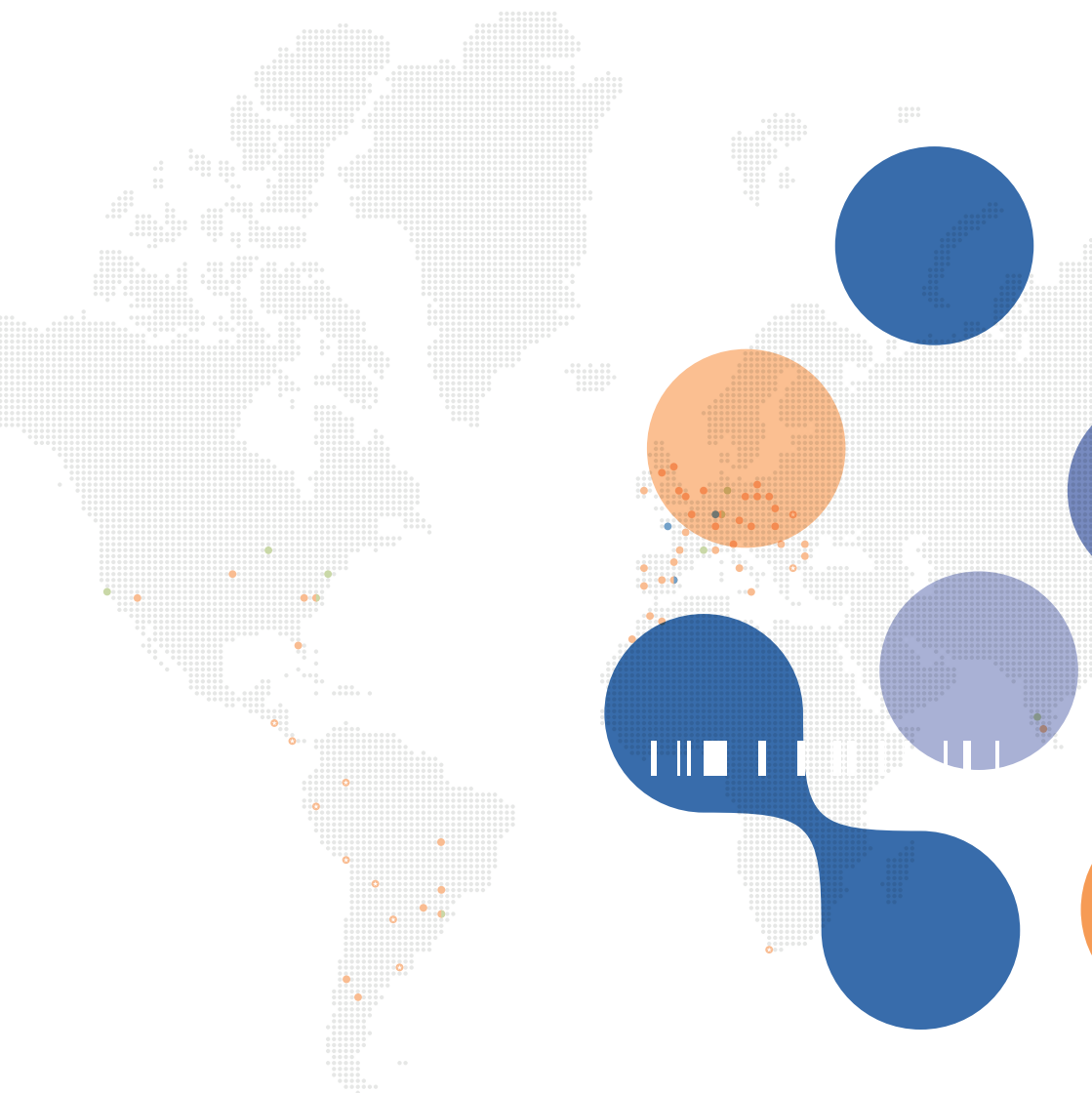
Our expertise is constantly evolving with a focus on developing in-house specialists, recruiting talented individuals and ongoing investment in specialized equipment to ensure the best possible outcomes for your project. You can expect a reliable and efficient service with quality data and analysis, delivered through our "One-Stop Service" operating model.

Our services include:

- Observation and demo variety trials
- Multipurpose trials
- Seed treatment services
- Seed treatment analysis
- Inoculum production and biotic stress trials
- Abiotic stress trials in severe conditions
- Line purification and maintenance
- Early stage hybrid production
- Grow out control



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