



Advanced Plant Nutrition & Biostimulation Technologies

RITTMO supports manufacturers in developing high-performance plant nutrition and stimulation products by:

- Designing, testing and validating fertilisers, biostimulants, microbial inputs, plant extracts and other agronomic additives.
- Providing scientific, technical and regulatory expertise to accelerate product development and market access.

Tailored R&D programmes:

- Custom research plans built on state-of-the-art analytical tools and controlled testing environments.
- Performance assessment under hydroponic, greenhouse, controlled-stress and field conditions.
- Evaluation of nutrient use efficiency, root architecture, plant physiology (photosynthesis, chlorophyll, enzymatic & hormonal responses) and molecular markers (RT-qPCR, qPFD).

Advanced technical capabilities:

- Access to phytotrons, climatic chambers, lysimeters, volatilisation chambers, spraying cabins, root scanners and high-resolution molecular biology platforms.
- Large-scale field trials conducted through certified BPE networks across France and Europe (FERTINNET).

Regulatory & strategic support:

- Guidance on formulation optimisation, EU compliance (RCE 2019/1009), NF standards,

technical dossiers, Marketing Authorisation submissions and mutual recognition procedures.

- Expertise contributing to French and European standardisation committees and global working groups (CEN, WG France, IMBA Global).

Value delivered:

- Whether developing new products, improving performance, validating a mode of action or preparing market launch, RITTMO delivers robust scientific evidence and expert guidance to strengthen product positioning and accelerate commercial success.

