



Evaluation of biostimulation products for seeds and seedlings

Biostimulation



Germination test under controlled conditions

Evaluation of seed germination capacity under favourable or unfavourable growth conditions after treatment

- Evaluation of seedling growth



Automated monitoring of seed germination

Evaluation of seed germination rate under favourable or unfavourable growth conditions after treatment

- 2D Imagery – Germination monitor



Seedling development test

Evaluation of development of main seedling organs under favourable or unfavourable growth conditions after treatment

- 2D Imagery – Elongation monitoring, length measurement. Biomass measurement of different seedling organs



Coating quality trial

Evaluation of representative criteria of coating quality (sphericity, thickness, uniformity...)

- 3D x-ray tomography



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Adapted solutions to support your research projects

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Species concerned



Field & Forage



Grass



Vegetable



Ornamental, Aromatic & Medicinal



Forest



Service Plants



Our Recognitions & Partnerships:

- ◆ Cofounder and member of BiBios, a French group of experts on biocontrol and biostimulation of seeds
- ◆ A broad partnership:
 - ✓ EPPO
 - ✓ ISTA
 - ✓ ISHI-Veg
 - ✓ INRA
 - ✓ UFS
 - ✓ RMT Veg-Diag



Our Expertise & Experience:

- ◆ Development and improvement of new methods:
 - ✓ *In vitro* and *in vivo* tests
 - ✓ Phenotyping
- ◆ Participation in national and international research programs
- ◆ Validation of methods through evaluation of performance criteria



Our Teams & Equipment:

- ◆ Multidisciplinary teams of qualified experts
- ◆ Diverse phenotyping equipment (single seed analysis): Germination benches, ElonCAM, tomography
- ◆ 700m² laboratories
350m² climate chambers (34 modules)
5 automated phenotyping tools

