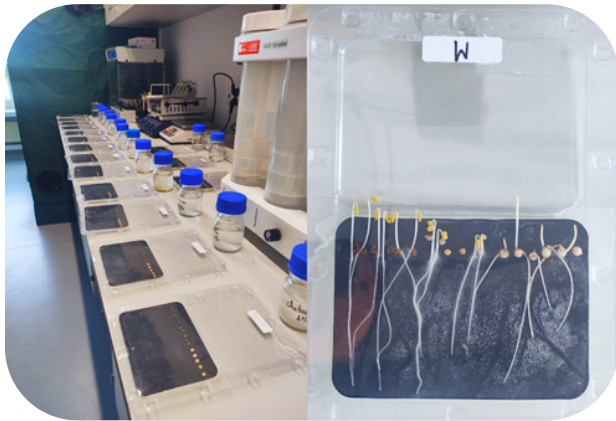




Łukasiewicz
Łódzki
Instytut
Technologiczny

Innovative Seed Coating Technologies and Biostimulants

We develop advanced seed coating technologies and next-generation biostimulants designed to enhance seed vigor, plant health, and resilience to environmental stress.



What We Offer?

- Design of advanced formulations for coating seeds of cereals, legumes, vegetables, and industrial crops
- Selection of polymer binders and functional components
- Integration of bioactive ingredients to improve germination and early seedling development
- Coating quality assessment (adhesion, durability, impact on germination)
- Laboratory and pilot-scale testing, along with implementation support

Biostimulants and Circular Raw Materials

We specialize in the use of protein and collagen hydrolysates derived from industrial by-products, delivering solutions aligned with the principles of the circular economy.

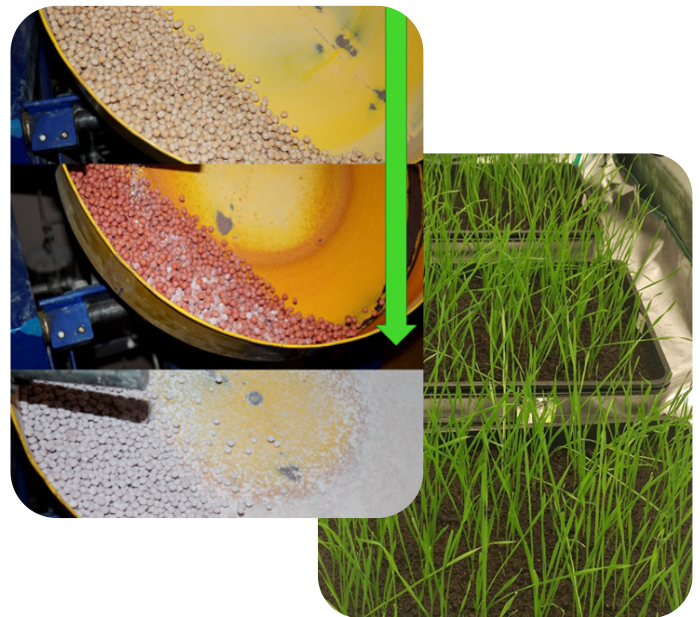
We develop:

- liquid formulations,
- stabilization and compatibility technologies
- solutions ready for industrial scale-up

Collaboration:

- research institutions,
- agro and biotech companies
- seed producers
- organizations interested in industrial by-product valorization.

We carry out national and international R&D projects, efficacy studies, and technology implementation.



We combine science, technology, and sustainable agriculture to create measurable competitive advantage for our partners.

