

Innovative Seed Technology

Assisting a leading crop sciences company to identify biodegradable coating technology for seeds

Quick overview

Due to the change in the regulatory landscape, the materials used for coating of seeds are rigorously controlled. The engagement helped the Client to explore various technologies and compositions to identify materials for seed coating. Additionally, the engagement helped in extending the client's internal regulatory knowledge

Client success

The support and insights delivered by FutureBridge helped the Client to explore biodegradable, functional materials for coating application. The technologies of allied segments resulted in identifying a wide range of solutions applicable for seed coating.

We answered a number of questions for our client including:

- What are the various biodegradable coating materials & technologies to protect and enhance the quality of the seed?
- What are the novel biodegradable materials for biodegradable seed coating?
- Who are the active players offering biodegradable functional ingredients? Which entities offer the shortlisted biodegradable seed coating solutions?
- What are the EPA & ESA regulatory guidelines? What are the guidelines of OECD Seed Schemes?

Exclusion of microplastics has become the norm with a need for developing biodegradable ingredients

FutureBridge conducted extensive desk research and expert consultations across the agriculture industry to help client:

- Evaluate the regulatory landscape for chemicals and evolving seed coating solutions
- Identify the biodegradable materials that can be applied for coating of seeds

Due to the rising concerns of the negative effects of microplastics, companies are working towards a sustainable future. Biobased materials are the go-to option for their better biodegradable properties with low impact on the environment

About FutureBridge

FutureBridge tracks from 1 to 25 years, how industries and sectors will evolve, develop, and innovate.

We keep your business ahead of the technology curve. Propel your growth, identify new opportunities, markets, and business models. We can answer your key strategic questions. Facilitate focused, tailored solutions and partnerships using our platforms and programs, with access to global information ecosystems and key industry players for their insights and expertise.