

Lucent Bio introduces Nutreos: A Biodegradable Seed Coating to comply with Microplastic bans

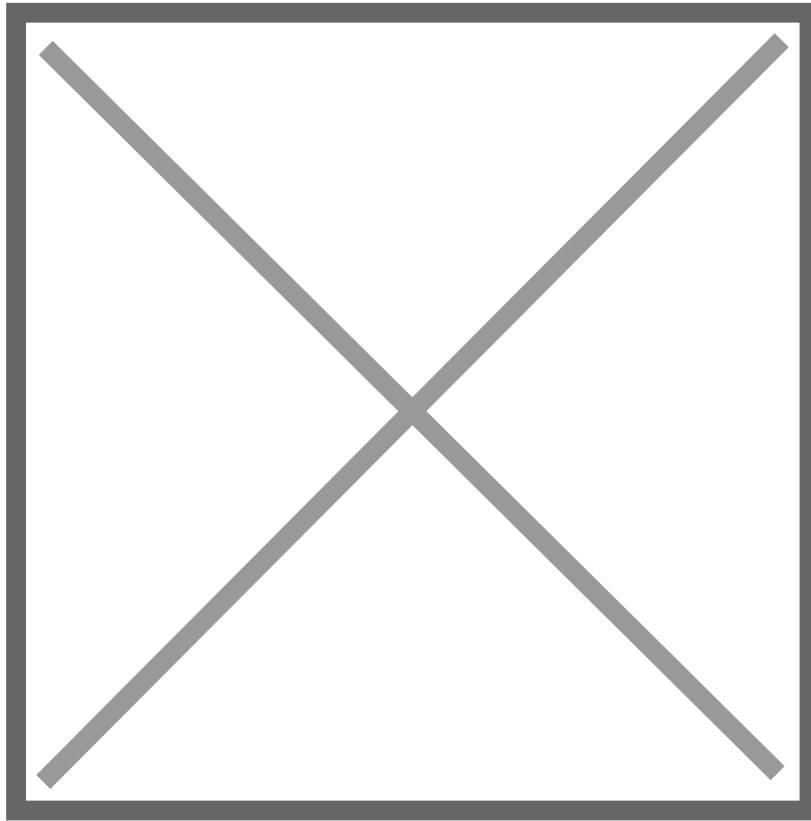
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Nutreos is designed to address the growing concerns surrounding microplastic pollution while evolving advancement in agricultural seed coating. Unlike conventional seed coatings that often contain microplastics, Nutreos offers improved germination, early vigour, and root growth, delivering uniform crop establishment and nutrition without compromising the environment. The inclusion of iron, manganese and zinc provides vital nutrition without toxicity or microplastics, fostering strong crop establishment.



Germination results of Nutreos microplastic-free seed treatments

"As the world looks toward more sustainable solutions, Lucent Bio is committed to leading the charge in climate-smart crop input innovations," states Michael Riedijk, CEO of Lucent BioSciences. "The introduction of Nutreos is the second product line based on our plant-based nutrient carrier technology supporting our mission to accelerate the transition to a sustainable and climate-positive agri-food system."

Lucent Bio is building the first Nutreos manufacturing plant in British Columbia, Canada, targeted to become operational by the end of 2024, and aims to expand production capacity in the US, Brazil, and Europe.

Lucent Bio is co-developing and conducting trials with leading seed companies using the Nutreos seed coating technology and is expanding its partner and co-development program.

Besides its Soileos granular micronutrient products and the Nutreos seed coating technology, Lucent Bio is also working on a third product line of biodegradable and microplastic-free controlled-release NPK fertilizer coatings, which will be announced later this year.