

Smart Science

Sustainable health care and agriculture

Our innovations in a broad range of Crop Care and Health Care speciality ingredients are helping our customers and their consumers to meet their sustainability goals

We are taking important strides in Health Care and Crop Care science, positioned at the smart end of the markets in which we operate, as we deliver niche ingredients to our diverse customer base. We are broadening our range of speciality pharmaceutical excipients, developing and acquiring new technologies, creating a world-leading position in vaccine adjuvants and establishing new drug-delivery platforms. This will include the commercialisation of our partner, SiSaf's, Prosilic technology to optimise drug delivery. We will also work together with our Research and Development team at Enza Biotech, to gather further data demonstrating the performance benefits of our new, biodegradable, sugar-based surfactant technology.

Our contribution to improving global food security begins with a deep understanding of plant science. We are enhancing seed performance and helping plants mitigate the effects of climate variability to improve crop quality and yield. Our sophisticated seed solutions, for example, can even target local markets to improve results in different climatic conditions. Our focus is on sustainable agriculture. We offer drift reduction technologies to target spraying of crops and limit environmental impact, our formulation solutions improve the effectiveness of plant protection products and our advanced biostimulants work with natural plant responses to stresses such as heat and drought to improve both quality and yield.

Sunflower stem. Our ingredients help to sustainably grow more crops and improve health

to Improve Lives

Improving health and food security

We are helping to prevent and cure diseases, feed more people and cut food waste

The positive global impact we have through our Health Care and Crop Care solutions is clear: improved health and more food without the need to use more land. Our Health Care excipients and drug-delivery technologies help to improve the delivery of complex, life-critical drug formulations to ensure maximum effect for patients, while our vaccine adjuvant technologies are being used to combat challenging diseases like HIV and malaria. We partner with our customers to target new diseases and protect people against contagious diseases worldwide.

To help reduce world hunger, our specialist ingredients provide a variety of solutions to help growers, retailers and consumers. Our targeted agricultural delivery technologies and next generation soil health innovations contribute to creating more food today without compromising tomorrow. The seed enhancement technologies we offer effectively and sustainably improve the yield of the world's most important crops. Formulation solutions help to reduce pesticide use and run-off by improving the effectiveness of plant protection products. To further build on our sustainable approach, our biostimulants help farmers to grow more, higher quality crops. This means that they receive better incomes and retailers and consumers can cut the quantity of spoiled fruit and vegetables they throw away. All of this combines to help sustainably reduce world hunger.