

Evonik will participate in ISAA 2025 with sustainable solutions and innovations for the agricultural sector

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The company will showcase new adjuvant and silica technologies designed for sustainable and efficient formulations in the agricultural market.

Regina Bárbara
Comunicação & Eventos
América Central e do Sul
Phone +55 11 3146-4170
regina.barbara@evonik.com

Evonik, a world leader in specialty chemicals, will attend **ISAA 2025 – Agrochemical Network**, which will take place from **April 6 to 11** at the Windsor Barra Hotel in Rio de Janeiro. The event will bring together executives and specialists from the agricultural sector around the world to discuss novel technologies, market trends, and sustainable solutions for the crop protection industry.

Evonik will highlight its presence with a booth and technical presentations from its Interface & Performance and Silica business lines, reinforcing its commitment to sustainability, innovation, and specialized technical support for the agricultural sector.

Two key presentations are a focus of our participation in the event:

- "Improvement of Shelf Life and the Biological Efficacy of Microbes in Formulations," to be delivered by Ryan Stiltoner on **April 9 at 09:20 a.m.**
- "Evonik's Novel Adjuvants for Drone Application Technology in Agriculture," to be given by Rene Haensel on **April 11 at 09:30 a.m.**

Evonik will also participate in the poster sessions with studies covering sustainable adjuvants and innovative agricultural pesticide formulations:

- Evonik's biobased sustainable multifunctional adjuvants, facilitated by Marta Gomes;

- Enhancement of pesticide penetration with a novel MSO-based adjuvant, led by Marc McPherson Ph.D.

Solutions to be presented at ISAA 2025:

Evonik will showcase a selection of multifunctional products that, in small concentrations, significantly enhance the performance of both chemical and biological pesticides, offering a combination of high performance, sustainability, and innovation:

BREAK-THRU® BP (Bio Protection)

A biodegradable carrier that enhances the viability of microorganisms in formulations and improves the performance of water-sensitive chemical pesticides. Ideal for foliar applications and seed treatment, BREAK-THRU® BP is free from microplastics and can be combined with **superspreaders and humectants from the Break-Thru S line, as well as with dispersants of the BREAK-THRU® DA line** as these are soluble in BREAK-THRU® BP.

BREAK-THRU® SF 420

A 100% biodegradable sophorolipid produced through fermentation that offers superior adhesion, rain retention, and resistance in pesticides. Its action enhances the penetration of crop protectants through cuticular waxes and serves as a dispersant in copper-based formulations.

BREAK-THRU® MSO MAX

A sustainable, multifunctional adjuvant that combines trisiloxane and methylated soybean oil, reducing evaporation under adverse weather conditions and increasing the wettability of hydrophobic surfaces in foliar applications.

SIPERNAT® and AEROSIL® product lines

Precipitated and fumed silica used in liquid and solid formulations as rheology modifiers, formulation stabilizers, process aids,

performance enhancers, and for encapsulating and drying active ingredients.

These solutions demonstrate Evonik's commitment to meeting the growing demands for efficiency and sustainability in the agricultural market, providing significant benefits such as reducing environmental impact, enhancing pesticide performance, and improving formulation handling.

"Evonik's participation in ISAA 2025 is a unique opportunity to share innovations, exchange experiences with other industry players, and strengthen our position as a trusted partner in developing sustainable solutions for the agriculture of the future. At this event, we will also highlight the importance of **biodegradability, bio-based products, and microplastic-free solutions**, which are key to more sustainable products, in addition to the potential of silica to optimize agricultural formulations, improving **handling, rheological properties, and efficiency**," says Diego Abreu, Global Head of Marketing for the agricultural segment at Evonik Interface & Performance.

Service

ISAA 2025 – Agrochemical Network

Date: April 6–11, 2025

Place: Windsor Barra Hotel | Av. Lúcio Costa, 2630 – Barra da Tijuca, Rio de Janeiro

Evonik's booth: No. 16

To learn more: <https://isaanetwork.org/2025-symposium/>

About Evonik

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €15.2 billion and an operating profit (adjusted EBITDA) of €2,1 billion in 2024. Evonik goes far beyond chemistry to create innovative, profitable, and sustainable solutions for customers. About 32,000 employees work together for a common purpose: We want to improve life today and tomorrow.

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Evonik Brasil Ltda.

Fone: (11) 3146-4100

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