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Micropep and Corteva embarks into R&D collaboration to advance sustainable biocontrol solutions

20 June 2025 | News

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Micropep Technologies, a global leader in micropeptide technology for sustainable crop protection, in partnership withÂ Corteva, Inc., announced a multi-year research and development collaboration through its Corteva Catalyst platform to co-develop next-generation peptide-based biocontrol solutions.

Corteva, a global agriculture technology company, will conduct joint research with Micropep scientists, potentially leading to product development in the future. As part of the agreement, Corteva, whichÂ invested in MicropepÂ through its Corteva Catalyst platform in 2024, will hold, on a defined peptide library, exclusive rights to apply these peptides globally across biocontrol and biofungicide applications.

This strategic agreement represents the first major industry validation of Micropepâ??s proprietary Krisalix*â?¢Â* discovery platform, which uses advanced algorithms and high-throughput bioassays to rapidly discover new bioactive peptides to develop efficient and environmentally friendly crop protection solutions.

Micropepâ??s small peptides represent entirely new modes of action: they have excellent safety profiles, strong field efficacy, and help overcome resistance issues. By harnessing these novel micropeptides, the companies aim to develop affordable and sustainable tools that complement existing crop protection solutions, providing growers with additional options to manage crop diseases. Krisalix*â?¢Â* provides a platform approach capable of generating multiple end applications with different modes of action while supporting a scalable, cost-effective production model.

â??This agreement with Corteva is a pivotal milestone in Micropepâ??s journey,â? said Mikael Courbot, CTO of Micropep. â??It marks a new chapter in our mission to bring forward scalable, science-driven biological solutions for crop protection. By combining Micropepâ??s innovation engine with Cortevaâ??s global experience, we believe our research will only grow stronger, and the results will ultimately benefit growers, the environment, and the future of agriculture.â?

â??Partnering with Micropep allows us to advance sustainable agriculture in new ways by strategically leveraging our own R&D capabilities. Their innovative peptide technology complements our leading biologicals solutions and offers new ways to protect crops. By collaborating, we can accelerate the delivery of eco-friendly solutions that meet growersâ?? needs while promoting environmental stewardship,â? said Tom Greene, senior director at Corteva and global leader for Corteva Catalyst.