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Agronova launches high-concentration soil biostimulant

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Agronova Biotech has introduced Peptiva Rhyzo, a next-generation soil-applied biostimulant designed to strengthen root development and improve soil functionality under challenging agronomic conditions. The launch reflects the companyâ??s continued focus on advancing biological solutions that support early-stage crop establishment and long-term productivity.

Engineered to act directly within the rhizosphere, Peptiva Rhyzo combines two carefully selected Bacillus strainsâ??Bacillus siamensis PB12 and Bacillus halotolerans PB13. These microorganisms work synergistically to enhance nutrient availability, stimulate beneficial microbial activity, and improve soil structure, creating a more balanced and efficient environment for plant growth.

A key differentiator of the product lies in its high-concentration soluble powder formulation, which significantly exceeds conventional liquid standards. This format not only optimises storage and logistics but also simplifies field application, making it particularly suited for large-scale and professional farming operations.

The formulation is further supported by advanced microencapsulation technology, which protects the viability of the microorganisms and enables their gradual release into the soil. This ensures consistent performance across varying field conditions while maximising the effectiveness of the biostimulant.

By promoting a more active and extensive root system, Peptiva Rhyzo enhances the plantâ??s ability to absorb water and nutrients efficiently. The result is improved crop uniformity, stronger resilience to environmental stress, and more efficient utilisation of available resources.

The product is especially recommended during critical growth phases such as transplanting and early crop establishment, as well as in soils affected by stress factors including salinity, water imbalance, and temperature fluctuations. With this launch, Agronova Biotech aims to equip growers with a robust tool to improve crop performance from the ground up, reinforcing the role of biological innovation in modern agriculture.