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Singapore becomes strategic hub for Cortevaâ??s bio-based crop protection research

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Corteva Agriscience has expanded its laboratory facility in Singapore by 50 per cent, marking a strategic investment aimed at accelerating the development of advanced, nature-inspired crop protection solutions for the Asia-Pacific region.

The expanded facility enhances the companyâ??s research and development capabilities in formulation science and biological innovations, reinforcing its focus on next-generation agricultural inputs designed to improve efficiency, sustainability, and cost-effectiveness for farmers across diverse cropping systems.

A key area of innovation highlighted by the company is its spinosyn-based crop protection portfolio, derived through fermentation of naturally occurring soil bacteria. These biological solutions are positioned as high-efficiency crop protection tools that require lower application rates while delivering targeted pest control outcomes, aligning with growing demand for reduced-input farming practices across Asia.

The expansion reflects broader industry momentum toward bio-based agricultural technologies, as farmers and agribusinesses increasingly seek alternatives that balance productivity with environmental stewardship. The facility is expected to support the formulation and refinement of biological crop protection products tailored to regional agronomic conditions.

The inauguration of the expanded laboratory was attended by senior company leadership alongside representatives from Singaporeâ??s Economic Development Board, underscoring the countryâ??s positioning as a strategic hub for chemicals innovation and bioeconomy development.

The investment strengthens Singaporeâ??s role as a centre for advanced agricultural research, while enabling Corteva to deepen its engagement with Asia-Pacific markets through locally relevant innovation pipelines.

With this expansion, Corteva continues to reinforce its global R&D footprint, aligning scientific research with the evolving needs of farmers and the accelerating shift toward biological and sustainable crop protection systems.