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Hubei Jinghesheng Biotech accelerates expansion, targets 5,000-Tonne Clothianidin capacity

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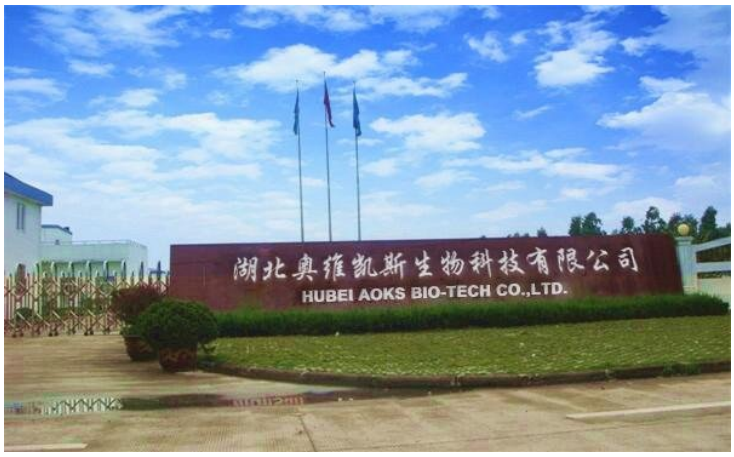
Chinese agrochemical manufacturer strengthens production footprint with RMB50 million investment aimed at meeting growing global demand for insecticide solutions.



Chinese agrochemical manufacturer strengthens production footprint with RMB50 million investment aimed at meeting growing global demand for insecticide solutions.

Hubei Jinghesheng Biotechnology is set to significantly strengthen its position in the global crop protection market following plans to expand its clothianidin production capacity to 5,000 tonnes annually, underscoring China's continuing investment in strategic agrochemical manufacturing.

The company recently announced the environmental impact assessment for its latest expansion programme, which will increase annual clothianidin output from the current 2,000 tonnes to 5,000 tonnes upon completion.

Located at Lingang Industrial Park in Songzi City, Hubei Province, the project represents a total investment of approximately RMB50 million and forms part of the company's broader strategy to enhance manufacturing efficiency, optimise production processes and strengthen supply capabilities for key insecticide active ingredients.

The expansion will involve the installation of additional production infrastructure, including reactors, heat exchangers and storage facilities, alongside upgrades to environmental protection systems and supporting utilities. These investments are intended not only to raise output but also to improve operational sustainability and production reliability.

Clothianidin, a widely used insecticide active ingredient, plays an important role in protecting crops against a broad spectrum of insect pests and remains a key component of modern crop protection programmes across several agricultural markets.

Established in March 2021, Hubei Jinghesheng Biotechnology has rapidly emerged as a specialised player in the research, development, production and marketing of pesticides and pesticide intermediates. The company currently operates manufacturing facilities with a combined annual capacity of 13,600 tonnes of pesticides and intermediates.

Its production portfolio includes active ingredients such as clothianidin and chlorfenapyr, supported by integrated manufacturing lines for associated intermediates.

Industry observers note that the latest expansion reflects a broader trend within China's agrochemical sector, where manufacturers are increasingly investing in scale, process optimisation and supply-chain resilience amid evolving global demand dynamics.

As international agricultural markets continue to seek reliable sources of crop protection products, capacity expansions of this nature are expected to reinforce China's role as a critical supplier of agrochemical active ingredients to growers worldwide.

For Hubei Jinghesheng Biotechnology, the project represents a significant step in its growth trajectory, positioning the company to better serve both domestic and export markets while enhancing its competitiveness within an increasingly sophisticated global agrochemical industry.