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# China's Lier Chemical advances L-glufosinate supply chain with 10,000-tonne intermediate production milestone

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**Hubei Lituo completes phased environmental acceptance for a key herbicide intermediate production line, while additional crop protection manufacturing facilities remain under construction**




The relocation, renovation and upgrading project of Hubei Lituo Chemical Technology Co., Ltd., a controlled subsidiary of Chinese agrochemical company Lier Chemical Co., Ltd., has recently completed phased environmental protection acceptance for completion. This acceptance covers one production line for diethyl methylphosphonite, a key front-end intermediate for L-glufosinate, with a capacity of 10,000 t/a at the eastern site.

According to the acceptance testing report, three product linesâ??11,000 t/a phosphorus trichloride, 17,000 t/a phosphorus oxychloride, and 5,000 t/a 4,6-dichloropyrimidineâ??along with supporting utilities and environmental protection facilities, completed environmental acceptance in October 2024. In addition, production lines for 10,000 t/a L-glufosinate, 5,600 t/a 2-amino-4-(hydroxymethylphosphinyl)-L-butanoic acid ethyl ester, and 200 t/a propiconazole remain under construction.

Hubei Lituo Chemical Technology Co., Ltd. is an important production base controlled by Lier Chemical, specialising in the R&D, production, sales and technical services of green, safe and efficient crop protection products and new materials. From an industry perspective, diethyl methylphosphonite is a key front-end intermediate for L-glufosinate; accepting this line means Lier Chemical has further extended its upstream self-supply capability in the L-glufosinate supply chain.