

China's Shandong Jingbo Biotech to build capacity for insecticide

12 July 2023 | News

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A crucial project to extend production of green high-end chemicals by Shandong Jingbo Biotech's industrial chain to 16,000 tons per annum has been approved by China for phase I of the technological upgrading and transformation project. The company plans to build production lines for flonicamid TC and tebufenozide TC with this project. The Bureau of Administrative Examination and Approval of Binzhou City announced that it had approved the environmental impact (EI) report of Shandong Jingbo Biotech Co., Ltd. (Shandong Jingbo Biotech)'s industrial chain

The phase I will add some new equipment to its existing line for 4-(trifluoromethyl)nicotinoyl chloride (molecular formula: C₇H₃F₃OCIN), and extend to the production of flonicamid TC with capacity of 500 t/a. Previously in March and May this year, local government announced acceptance of the EI reports for the company's industrial chain extension and technological upgrading and transformation project phase I and phase II.

The project has already acquired a record certificate for construction projects (project code: 2301-371603-07-02-212392) issued by the Shandong provincial government. Shandong Jingbo Biotech has planned to invest USD4.23 million (RMB30.04 million) in the whole project, which will transform its existing refining workshops No.3 and No.4. According to its plan, in refining workshops No.3, new equipment will be added to use 4-trifluoromethylnicotinoyl chloride as a main raw material to produce flonicamid TC, and in refining workshops No.4, already existed 1,200 t/a line for the product 4-amino-1-(2-(hydroxymethyl)-1,3-oxathiolan-5-yl)pyrimidin-2(1H)-one will be made use of and a new line of 400 t/a tebufenozide TC will be added.

Shandong Jingbo Biotech was established by Shandong Jingbo Agrochemicals Technology Co., Ltd. in Nov. 2019. Its registered business scope covers R&D, production and sale of chemical products, development, transfer and services of

technologies in biological and environmental protection sectors, etc. Its plant is located in the Chemical Industrial Park of Zhanhua Economic Development Zone, Binzhou City, Shandong Province. The park is a provincial-level accredited chemical park.

The company believes the industrial chain extension and technological upgrading and transformation project will boost its competitiveness both at home and abroad, speed up its structural adjustment, facilitate healthy development in the future, promote improvement in related industries and better satisfy the needs for a variety of high-end products in the market.