

Production projects of China's pesticide industry in 2024

Researched & Prepared by:

Kcomber Inc.

Copyright by Kcomber Inc.

Any publication, distribution or copying of the content in this report is prohibited.

Contents

Executive summary

Methodology

1 Overview of China's on-going pesticide projects in Q1–Q3 2024

 1.1 Project capacity and regional distribution

 1.2 Product type

 1.3 Construction progress

 1.4 Concerning active ingredients

2 China's major pesticide projects

 2.1 Large-scale projects for major active ingredients

 2.2 Major projects for China's new pesticides and formulations

 2.3 Constructed projects for new capacity in 2024

3 Details of China's on-going pesticide projects by-product type and capacity change

 3.1 Projects involving pesticide formulations

 3.2 Projects involving pesticide technical only

 3.3 Projects involving intermediates only or pesticide technical and intermediates

 3.4 Projects no new production capacity

LIST OF TABLES

Table 1.1-1 Number and new capacity of projects by region, as of Sep., 2024

Table 1.1-2 Capacity changes of 121 projects by province/autonomous region/municipality/region, t/a

Table 1.2-1 Capacity of 121 projects by product type, Q1–Q3 2024

Table 1.3-1 Progress of 121 pesticide projects in China, as of Sep., 2024

Table 1.4-1 Pesticide technicals involved in three or above projects, Q1–Q3 2024

Table 1.4-2 Top 11 herbicide technicals in 121 pesticide projects by capacity, Q1–Q3 2024

Table 1.4-3 Top 11 insecticide technicals in 121 pesticide projects by capacity, Q1–Q3 2024

Table 1.4-4 Top 12 fungicide technicals in 121 pesticide projects by capacity, Q1–Q3 2024

Table 3.1-1 15 Pesticide projects concerning formulations (capacity change), Q1–Q3 2024

Table 3.2-1 51 Projects for pesticide technical only (capacity change), Q1–Q3 2024

Table 3.3-1 26 Projects for pesticide intermediates only (capacity change), Q1–Q3 2024

Table 3.3-2 19 Projects for pesticide technical and intermediates (capacity change), Q1–Q3 2024

Table 3.4-1 10 Pesticide projects no new production capacity, Q1–Q3 2024

LIST OF FIGURES



1. Introduction

2. Approach for this report

The report is drafted by diverse methods as follows:

- Desk research

The sources of desk research are various, including published magazines, journals, government statistics, industrial statistics, customs statistics, association seminars as well as information from the Internet. A lot of work has gone into the compilation and analysis of the obtained information. When necessary, checks have been made with Chinese agrochemical players.

- Internet

CCM contacted with players in the domestic agrochemical industry through BXB websites and software as well as obtained registration information on the internet.

- Data processing and presentation

The data collected and compiled are sourced from:

- CCM's database
- China Customs
- Published articles in periodicals, magazines, journals and third-party databases
- Statistics from governments and international institutes
- Telephone interviews with domestic producers, joint ventures, service suppliers and governments
- Third-party data providers
- Comments from industrial experts
- Professional databases from other sources
- Information from the internet

The data from various sources have been combined and cross-checked to make this report as precise and scientific as possible. Throughout the process, a series of internal discussions were held in order to analyse the data and draw the conclusions.

3. Executive summary

In XXXX, the pesticide industry continued the downturn of XXXX. Although the industry de-stocking is nearing the end, the market dynamics recovered slowly and the prices remained low. In HX XXXX reports of the pesticide listed enterprises showed that most of the enterprises did not improve their performance. In this context, pesticide enterprises will be more cautious about the construction of pesticide-related projects.

In this report, by analysing the pesticide-related construction projects in the QX–QX, readers can gain a further understanding of the current situation of the pesticide market and provide a reference basis for predicting the future direction of the market.

4. What is in the report?

Note: Key data/information in this sample page is hidden, while in the report it is not.

...

1.1 Project capacity and regional distribution

...

As of Sept. XXXX, there are XX projects in Gansu Province that have changed dynamics (including planning, construction and production), with a combined new production capacity of XXX,XXX t/a (XX.XX% of the total), with the largest new production capacity of pesticide technical and intermediates construction project type at XX,XXX t/a. Followed by Inner Mongolia Autonomous Region and Hebei Province, there are XX and X projects in progress, respectively, with new capacity XXX,XXX t/a (XX.XX% of the total) and XXX,XXX t/a (XX.XX% of the total).

...

1.2 Product type

...

Table 1.2-1 Capacity of 121 projects by product type, Q1–Q3 2024

No.	Product type	Province/Autonomous region/Municipality/Region	Capacity, t/a	YoY change
X	XXXXXXXXXXXXXXXXXXXX	XXXXXXXX XXXXXXXXXXXXXXXX	XXXXXXXXXXXX	X
		XXXXX XXXXXXXXXXXXXXXXXXXX XXXXXX	XXXXXXXXXXXX	
		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	
		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	
		XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	
		XXXXX XXXXXXXXXXXX	XXXXXXXXXXXX	
		XXXXX XXXXXXXXXXXX	XXXXXXXXXXXX	
		XXXXX XXXXXXXXXXXX	XXXXXXXXXXXX	
		XXXXXXXXXXXX XXXXX XXXXXXXXXXXXXXX	XXXXXXXXXXXX	

		XXXXXX		
		XXXXX XXXXXXXXX	XXXXXX	
		XXXXXXXX XXXXXXXX	XXXXXX	
		XXXXXXXXXX	XXXXXXXXXX	XXXXXX
X	XXXXXXXXXX XXXXXXXXX	XXXXXXXX XXXXXX XXXXXXXXXXXX XXXXXX	XXXXXXXXXX	X
		XXXXX XXXXXXXXX XXXXXXXXXXXX XXXXXX	XXXXXXXXXX	
		XXXXXXXX XXXXXXXXX	XXXXXXXXXX	
		XXXXXXXX XXX XXXXXXXXXXXX XXXXXX	XXXXXXXXXX	
		XXXXXXXXXX XXXXXXXXX	XXXXXXXXXX	
		XXXXX XXXXXXXXX	XXXXXXXXXX	
		XXXXX XXXXXXXXX	XXXXXXXXXX	
		XXXXXXXXXX XXXXXXXXX	XXXXXXXXXX	
		XXXXXXXX XXXXXXXXX	XXXXXXXXXX	
		XXXXX XXXXXXXXX	XXXXXXXXXX	
		XXXXXXXXXX XXXXXXXXX	XXXXXXXXXX	
		XXXXXXXX XXXXXXXXX	XXXXXXXXXX	
		XXXXXXXXXX	XXXXXXXXXX	
		X	XXXXXXXXXX XXXXXXXXXXXX X XXXXXXXXXXXXXXXXXX	XXXXX XXXXXXXXX
XXXXX XXXXXXXXX	XXXXXXXXXX			
XXXXXXXX XXXXXXXXX	XXXXXXXXXX			
XXXXX XXXXXXXXX	XXXXXXXXXX			
XXXXXXXXXX XXXXXXXXX	XXXXXXXXXX			
XXXXXXXX XXX XXXXXXXXXXXX XXXXXX	XXXXXXXXXX			

		XXXXX XXXXXXXXX	XXXXXXX	
		XXXXXXXXX XXXXXXXXX	XXXXXXX	
		XXXXXXXXXXXXX XXXXXXXXX	XXXXXXX	
		XXXXX XXXXXXXXX XXXXXXXXXX XXXXXX	XXXXXXX	
		XXXXXXXXX XXXXX XXXXXXXXXX XXXXXX	XXXXXX	
		XXXXXXXXXX	XXXXXXXXXXX	XXXXXX
X	XXXXXXXXXX XXXXXXXXXXXXXX	XXXXX XXXXXXXXX	XXXXXXX	X
		XXXXXXXXX XXXXXXXXX	XXXXXXX	
		XXXXXXXXXX	XXXXXXXXXXX	XXXXXX
X	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXX X XXXXXXXXXXXXXX	XXXXXXXXX XXXXXXXXX	XXXXXXX	X
		XXXXXXXXX XXXXXXXXX	XXXXXXX	
		XXXXX XXXXXXXXX XXXXXXXXXX XXXXXX	XXXXXXX	
		XXXXXXXXX XXXXXXXXX	XXXXXXX	
		XXXXXXXXXX	XXXXXXXXXXX	XXXXXX
X	XXXXXXXXXX XXXXXXXXXX X XXXXXXXXXXXXXX	XXXXX XXXXXXXXX XXXXXXXXXX XXXXXX	XXXXXXX	X
		XXXXXXXXX XXXXXXXXX	XXXXXXX	
		XXXXXXXXX XXXXXXXXX	XXXXXXX	
		XXXXXXXXXX	XXXXXXXXXXX	XXXXXX
XXXXX			XXXXXXXXXXXXXX	XXXXXX

Source:CCM

1.3 Construction progress

From QX–QX XXXX, there are XXX pesticide projects underway in China's pesticide industry, which can be subdivided by progress. As of Sept. XXXX, the majority of pesticide projects in China's pesticide industry (XX, =XX% of the total) were in the process of planning, of which XX were in EIA progress or had received the EI report; the remaining projects (XX, =XX% of the total) were in the state of being constructed, in trial production, or had been completed.

Table 1.3-1 Progress of 121 pesticide projects in China, as of Sep., 2024

No.	Status	Pesticide technical	Pesticide technical & intermediates	Pesticide intermediates	Pesticide technical & formulations	Pesticide formulations	Pesticide technical, formulations & intermediates	XXXXX
X	XXXXXXX	XXXXXXXX	X	X	X	X	X	X
		XX XXX XXXXXXXX	XX	XX	X	X	X	XX
		XX XXXXXX XXXXXXXX	XX	X	XX	X	X	X
X	XXXXXXXXXX XXXX	XXXXX XXXXXXXXXX XXXX	X	X	X	X	X	X
		XXXXX XXXXXXXXXX XX	X	X	X	X	X	X
		XXXXXXXXXX XXXX XXXXXXXXXX X	X	X	X	X	X	X
XXXXX		XX	XX	XX	X	X	X	XXX

Note: EIA refers to environmental impact assessment; EI report refers to environmental impact report.

Source: CCM

1.4 Concerning active ingredients

...

Table 1.4-1 Top 11 herbicide technicals in 121 pesticide projects by capacity, Q1–Q3 2024

No.	Concerning products	New capacity, t/a	Number of project
X	XXXXXX	XXXXXX	X
X	XXXXXXXXXXXXXXXXXXXXXX	XXXXXX	X
X	XXXXXXXXXXXXXX	XXXXXX	X
X	XXXXXXXXXXXXXX	XXXXXX	X
X	XXXXXXXXXXXXXX	XXXXXX	X
X	XXXXXXXXXX	XXXXX	X
X	XXXXXXXXXX	XXXXX	X
X	XXXX	XXXXX	X
X	XXXXXXXXXXXXXX	XXXXX	X
XX	XXXXXXXXXXXXXX	XXXXX	X
XX	XXXXXXXXXXXXXX	XXXXX	X

Source:CCM

Table 1.4-2 Top 11 insecticide technicals in 121 pesticide projects by capacity, Q1–Q3 2024

No.	Concerning products	New capacity, t/a	Number of project
X	XXXXXXXXXXXXX	XXXXXX	X
X	XXXXXXXXXXXXXXXXXXXXX	XXXXXX	X
X	XXXXXXXXXX	XXXXX	X
X	XXXXXXXXXXXXX	XXXXX	X
X	XXXXXXXXXX	XXXXX	X
X	XXXXXXXXXXXXX	XXXXX	X
X	XXXXXXXXXXXXX	XXXXX	X
X	XXXXXXXXXXXXX	XXXXX	X
X	XXXXXXXXXXXXX	XXXXX	X
XX	XXXXXXXXXXXXX	XXXXX	X
XX	XXXXXXXXXX	XXXXX	X

Source:CCM

Table 1.4-3 Top 12 fungicide technicals in 121 pesticide projects by capacity, Q1–Q3 2024

No.	Concerning products	New capacity, t/a	Number of project
X	XXXXXXXXXXXXXXXXXX	XXXXXX	X
X	XXXXXXXXXXXXXXXXXX	XXXXXX	X
X	XXXXXXXXXXXXXX	XXXXX	X
X	XXXXXXXXXXXXXXXXXX	XXXXX	X
X	XXXXXXXXXXXXXXXXXXXXXX	XXXXX	X
X	XXXXXXXXXXXXXX	XXXXX	X
X	XXXXXXXXXXXXXX	XXXXX	X
X	XXXXXXXXXXXXXX	XXXXX	X
X	XXXXXXXXXXXXXX	XXXXX	X
X	XXXXXXXXXX	XXXXX	X
XX	XXXXXXXXXXXXXX	XXXXX	X
XX	XXXXXXXXXXXXXX	XXXXX	X
XX	XXXXXXXXXXXXXX XXXXXXXXXXXXXXXXX	XXXXX	X

Source:CCM

...

2.2 Major projects for China's new pesticides and formulations

In QX–QX XXXX, among the XXX projects planned or constructed, there are four projects for the construction of new pesticide technicals or pesticide formulations in China, which are constructed by four pesticide enterprises, namely, Shandong KingAgroot CropScience Co., Ltd. (X), Synwill (Nantong)Chemical Co., Ltd. (X), Nantong Shizhuang Chemical Co., Ltd. (X), and Liaoning Cynda Chemical Co., Ltd. (X).

-Spiropidion

On XX Jan., approval of the EI report of Synwill (Nantong) Chemical Co., Ltd.'s XXX t/a fenoxaprop-P-ethyl, XX t/a ivermectin, XXX t/a fipronil, XX t/a azoxystrobin, XXX t/a quizalofop-P-ethyl, XX t/a clomazone, XXX t/a fluxapyroxad, X,XXX t/a pinoxaden, XXX t/a spiropidion, and the by-products of XXX t/a potassium

chloride, XXX t/a potassium acetate, and X,XXX t/a XX% sodium bromide transformation project. It is an expansion project located in Yangkou Chemical Industrial Park, Rudong County, Nantong City, Jiangsu Province, with a total investment USDXX.XX million (RMBXXX.XX million). Spiropidion is a new type of insecticide developed by Syngenta Group Co., Ltd. As of Sept. XXXX, according to China Pesticide Information Network (CPIN), spiropidion is in the blank registration status in China.

-Fluchloraminopyr-tefuryl

On XX May, the EI report of Shandong KingAgroot CropScience Co., Ltd.'s XXX workshop expansion XXX t/a herbicides technical project was announced. It is an expansion project, located in Binhai Economic and Technological Development Zone, Shandong Province, with a total investment USDX,XXX,XXX (RMBX million); and with capacity of XXX t/a pyroxasulfone, XXX t/a fluchloraminopyr-tefuryl, XX t/a imazapic, XX t/a imazamox, of which, in April XXXX, fluchloraminopyr-tefuryl was registered for the first time globally in Cambodia, and in June XXXX, XX% fluchloraminopyr-tefuryl (exported to Cambodia only) was registered in China.

-Feproxydim

On XX Oct, Shandong Cynda Chemical Co., Ltd. issued an announcement on the trial production of the project X,XXX t/a pesticide technical and XXX t/a safety agent by its subsidiary Liaoning Cynda Chemical Co., Ltd. Among them, feproxydim was provisionally approved by the Technical Committee on Pesticide Common Names of the International Organisation for Standardisation (ISO) in Nov. XXXX. As of Sept. XXXX, feproxydim is in a registration blank status in China as queried by China Pesticide Information Network.

-Cyanamide SL, mepiquat chloride SL

On XX May, Nantong Shizhuang Chemical Co., Ltd. approved the EI report of pesticide formulation production project. It is a reconstruction and expansion project. Located in Yangkou Chemical Industrial Park, Rudong County, Nantong City, Jiangsu Province, with a total investment USDX.XX million (RMBXX million). The construction content is to upgrade the existing X,XXX t/a pesticide formulation production line and add X,XXX t/a pesticide formulation products. After the completion of the project, the whole plant is expected to achieve X,XXX t/a pesticide formulations, including X new pesticide formulations, namely XX% cyanamide SL and XXXg/L mepiquat chloride SL. The industry standards for cyanamide SL and mepiquat chloride SL was released on XX Dec. XXXX and implemented on X May, XXXX.

2.3 Constructed projects for new capacity in 2024

As of Sept. XXXX, among XXX pesticide projects in China, XX are in the construction phase (under construction, trial production, completion). Of these, at least five projects in China are expected to add new

capacity of technical in XXXX. One production project operated by one company has already put into production in XXXX, adding a total capacity of X,XXX t/a, while four production projects held by four companies have entered the trial production stage, with new capacity estimated to reach about XX,XXX t/a.

Under trial production

- Three technical-only projects for trial production. On XX May, Jiangsu Changqing Agrochemical (Nantong) Co., Ltd. (Jiangsu Changqing) released an announcement on the trial production of S-metolachlor and X-methyl-X-ethylaniline. The main project of Jiangsu Changqing's expansion project with X,XXX t/a S-metolachlor technical (including X,XXX t/a X-Methyl-X-Ethylaniline for self-supporting use) and X,XXX t/a by-products hydrochloric Acid (for self-supporting use) and XXX t/a sodium Chloride, as well as the ancillary environmental protection facilities have been completed. Now it is entering into the commissioning stage, being from XX May, XXXX to XX April, XXXX. On XX Sept., Ningxia Haili Technology Co., Ltd. (Ningxia Haili) issued an announcement on the successful commissioning of some production facilities of the project, with X,XXX t/a carbaryl and X,XXX t/a thiophanate-methyl and other series of products and supporting XX,XXX t/a phosgene, has been successfully commissioned in one run and produced qualified products recently. On XX Oct, Shandong Cynda Chemical Co., Ltd. released the announcement on the trial production of X,XXX t/a pesticide technical and XXX t/a safety agent project of its subsidiary Liaoning Cynda Chemical Co., Ltd. The project has completed the main construction and equipment installation, commissioning work, has now officially entered the trial production stage. The main trial production products are picolinafen, fepoxydim, oxaziclomefone, etc., with a total new production capacity X,XXX t/a.
- One technical & intermediate project for trial production: On XX August, Qingdao Hailir Pesticides & Chemicals Group Co., Ltd. (Qingdao Hailir) announced that its subsidiary Qingdao Hengning Biotechnology Co., Ltd.'s X,XXX t/a tolfenpyrad, X,XXX t/a X-chloroacrylonitrile and X,XXX t/a p-chlorophenylglycine intermediates project has completed the main construction, equipment installation and debugging, and is to enter the trial production stage.

In operation stage

- One technical-only project entered production: As of Sept. XXXX, the production facilities of Shandong Youdao Chemical Co., Ltd.'s chlorantraniliprole technical in the green plant protection products continuous flow safety production project (Phase II), has successfully produced from Jan. XXXX, with total new production capacity of X,XXX t/a.

...

3.1 Projects involving pesticide formulations

...

Table 3.1-1 15 Pesticide projects concerning formulations (capacity change), Q1–Q3 2024



No.	Name of Enterprise	XXXXXXXX name	Capacity change, XXX	Status	Type
X	XXXXX XXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXX XXXXXXX	XXXXXXXXXX	XX XXX XXXXXXXX	XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXX
X	XXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXX XXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXXXXXX
X	XXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXXXX XXXXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XXXXXX XXXXXXXXXXXXXX	XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXX
X	XXXXXXXX XXXXX XXXXXXXX XXXX XXXXX	XXXXXXXXXXXXXXXX XXXX XXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XX XXXXXXX XXXXXXXXXX	XXXXXXXXXXXXXX
X	XXXXX XXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXX XXXXXXXXX XXXXXXXXXXXX XXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX XXXXXXXX XX	XXXXXXXXXX	XX XXXXXXX XXXXXXXXXX	XXXXXXXXXXXXXX
X	XXXXX XXXXXXXX XXXXXX XXXXXXXXXXXX XXXXXXXXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXX XXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXXXXXX
X	XXXXXXXX XXXXX XXXXXXXXXXXX X XXXXXXXXXXXX XXXX XXXXX	XXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XX XXXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXXXXXX



X	XXXXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXX	XXXXXX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXXXXXXXXXX
X	XXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXXXX
XX	XXXXXXXXXX XXXXXX XXXXXXXXXX XXXX XXXX	XXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXX
XX	XXXXX XXXXXXXXXXX XXXXXX XXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXX
XX	XXXXXXXX XXXXXX XXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXX XXXXXXXXXXXXXXX XXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXX
XX	XXXXXXXXXX XXXXXX XXX XXXXXX XXXXXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXX XXX XXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX XXXXXXXXXX	XXXXXXXXXX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXX
XX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXX XXX XXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX XXXXXXXXXX	XXXXXXXXXX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXX
XX	XXXXX XXXXXXXXXXX XXXXX XXXX XXXXXXXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXXXXXX XX XXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXX	XXXXXX	XX XXX XXXXXXXX	XXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX

Note: EIA refers to environmental impact assessment; EI report refers to environmental impact report; New capacities for projects in Phase II are based on those constructed in Phase II, others are based on total new capacities.

Source: CCM

3.2 Projects involving pesticide technical only

...

Table 3.2-1 51 Projects for pesticide technical only (capacity change), Q1–Q3 2024

No.	Enterprise name	Project name	Concerning XXXXXXXX	Capacity change, XXX	Total capacity, XXX	Status
X	XXXXXXXXXX XXXXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXX XXX XXXXXXXXXXXXXXXX XXXX XXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX XX	XX XXX XXXXXXXXXX
X	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXXXX XX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX X	XX XXX XXXXXXXXXX
X	XXXXXX XXX XXX XXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX X	XXXXXXXXXX X	XX XXX XXXXXXXXXX
X	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXXXX XX XXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX X	XXXXXX XXXXXXXXXXXX XX
X	XXXXXX XXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXX	XXXXXXXXXXXX	XXXXXX	XXXXXX	XX XXXXX XXXXXXXXXX
X	XXXXXX XXXXXXXXXXXX	XXXXXX XXX XXXXXXXX XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXX	XX XXX XXXXXXXXXX

			XXXXXXXXXX	XXXXXX		
			XXXXXXXXXX	XXXXXX		
	XXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXX XXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXX		
			XXXXXXXXXXXXXXXXXXXX	XXXXXX		
			XXXXXXXXXXXX	XXXXXX		
X	XXX XXXXX XXXXXX XX XXXXXXXXXX XXXXXXXXXX XXXXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXXXX XXXXXXXXXXXX XXXX XXXX XXXX XXXXXXXXXXXXX XXXXXXXX XXXXXXX XX	XXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXX	XX XXXXXXX XXXXXXXXXX
			XXXXXXXXXXXXXXXXXXXXXX XX	XXXXXX		
			XXXXXXXXXXXXXXXXXXXX	XXXXXX		
X	XXXXXXXXXX XXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXX XXX XXXX XXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXX XXXXXXX XXX	XXXXXXXXXXXX	XXXXXX	XXXXXXXXXX X	XXXXXXXXXXXX XX XXXXXXXXXXXX
			XXXXXXXXXXXXXXXXXXXXXX XX	XXXXXX		
			XXXXXXXXXXXXXXXXXXXXXX	XXXXXX		
X	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXXXXXX X XXXX XXXX	XXXXXX XXX XXXXXXX XXXXXX	XXXXXX	XXXXXXXX X	XXXXXXXX X	XX XXXXXXX XXXXXXXXXX
XX	XXXXXXXXXX XXXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX XXXXXXX XX XXXXXXXX XXXXXXXXXXXXX XXX	XXXXXXXXXXXX	XXXXXX	XXXXXX	XXXXXXXXXXXX XX XXXXXXXXXXXX
			XXXXXXXXXXXX	XXXXXX		
XX	XXXXXXXXXX XXXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXX XX XXX XXX XXX XXXXXXXX XXXXXXX	XXXXXXXXXXXX	XXXXXX	XXXXXX	XXXXX XXXXXXXXXXXX
			XXXXXXXXXXXXXXXXXXXX	XXXXXX		

			XXXXXXXXXX	XXXXXX		
			XXXXXXXXXX	XXXXXX		
			XXXXXXXXXXXX	XXXXXX		
XX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXX XXX XXXXXXXXXXXX XX XX XXX XXXXXXXX XXX XXXXXXXXXXXX XXXXXXX	XXXXXXXXXX	XXXXX	XXXXXX	XX XXX XXXXXXX
			XXXXXXXXXX	XXXXXX		
XX	XXXXXXXX XXXX XXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXXX XXX XXXXX XXX XXXXXXXXXX XXXXXXXX XXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XXXXXX	XXXXXX	XX XXX XXXXXXX
			XXXXXXXXXX	XXXXXX		
XX	XXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXX	XXXXXX	XXXXXX	XXXXXXXX
			XXXXXXXXXX	XXXXXX		
XX	XXXXX XXXXXXXXXX XXXXXXXX XXX XXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXX	XXXXXX	XX XXX XXXXXXX
			XXXXXXXXXX	XXXXXX		
			XXXXXXXXXXXX	XXXXXX		
XX	XXXXXXXX XXXX XXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XX XXXXXXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XXXXXX	XXXXXX	XX XXX XXXXXXX
			XXXXXXXXXXXX	XXXXXX		
			XXXXXXXXXX	XXXXXX		
XX	XXXXXXXXXX XXXXX XXXX XXXXXXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXXX XX XXX XXX XXXXX XXX XXXXXXXXXXXX TC" XXXXXXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXX	XXXXXXXXXXXX	XXXXXX	XXXXXX	XXXXX XXXXXXXXXXXX XX

XX	XXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXXXXXXX XX XXXXXXXXXXXX XXXXXXXXXXXX XXXXX XXX XXXXXXXXXXXXXXXXXXXX XX XXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX XXXXXXXXXXX XXX XXX XXX XXXXXXXXXXX XXXXXXXX XXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXX XXXXXXXXXX
XX	XXXXX XXXXXXXXXX XXXXXXXXXXXXXX XXXX XXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXXXXXXXXX XXXXXXXXXX XX XXXXXXXX	XXXXXXXXXXXXXXXXXXXX XX	XXXXXXXX X	XXXXXXXX X	XXXXXXXXXXXXXX XX XXXXXXXXXXXX
XX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXX XXXX XXXX	XXX XXXXXXXXXXXXXXX XX XXXXXXXX XXXXXXX XX	XXXXXXXXXXXXXX	XXXXXXXX	XXXXXXXX	XX XXXXXXX XXXXXXXXXXXX
			XXXXXXXXXXXXXX	XXXXXX		
			XXXXXXXXXX	XXXXXX		
			XXXXXXXXXXXXXXXXXX	XXXXXX		
			XXXXXXXXXX	XXXXXX		
XX	XXXXX XXXXXXX XXXX XXXX	XXXXXX XXX XXX XXXXXXXXXXXX XXX XXX XXXXXXXX XXXXXXXXX XXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXX	XXXXXXXX	XX XXX XXXXXXXX
			XXXXXXXXXX	XXXXXX		
			XXXXXXXXXXXXXXXXXX	XXXXXX		
XX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXX XXX XXXXXXXXXXXXXXXXXXXXXX XXX XXXXX XXX XXXXXXXXXXXX XXXXXXXXX XXX XXX XXX XXXXXXXXXXXXXXXXXXXXXX X XXXXXXX	XXXXXXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXXXX	XXXXXXXXXXXXXX XX XXXXXXXXXXXX
XX	XXXXXXXXXX XXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXX XXXXXXXXX XXXXXXXX	XXXXXXXXXX	XXXXXX	XXXXXXXX	XX XXX XXXXXXXX

XX	XXXXXXX XXXXXXX XXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXX	XXXXXXX XXXXXXX	XXXXXXX	XX XXX XXXXXXX
XX	XXXXXXX XXXXXXX XXXXXXXX XXXX XXXX	XXX XXX XXXXXXXXXXXXXXXXXXXX XXX XX XXX XXXXXXXXXXXX XXX XXX XXXXXXXX XXX XXXXX XXXXXXXX XXXXXXX	XXXXXXXXXXXXXXXXXXXX XXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX	XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX	XXXXXXX	XXXXX XXXXXXXXXXXX XX
XX	XXXX XXXXXXXX XXX XXXXXXXX XXXXXXXXXXXX XXXX XXX	XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX	XXXXXXX XXXXXXX	XXXXXXX	XX XXX XXXXXXX
XX	XXXXX XXXXX XXXXXXXXXXXXX X XXX XXXX	XXXXX XXX XXXXXXXX XX XXXXXXX	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXX	XXXXXXX XXXXXXX	XXXXXXX	XXXXX XXXXXXXXXXXX XX
XX	XXXXX XXXXXXX XXXXXXXX XXXX XXX	XXXXX XXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXX	XXXXXXX XXXXXXX	XXXXXXX	XX XXX XXXXXXX
XX	XXXXX XXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXX XXXX XXX	XXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXX XXXXXXX	XXXXXXX	XX XXXXXXX XXXXXXX
XX	XXXXXXX XXXXXXXXXXXX XXXX XXXXXXX XXXX XXX	XXXXX XXXXX XXXXXXXXXXXX XX XXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXX	XXXXXXX XXXXXXX	XXXXXXX X	XX XXXXXXX XXXXXXX

			XXXXXXXXXXXXXXXXXX	XXXXXXX			
XX	XXXXX XXXXXXXXXX XXXXXXXXXXXXXX X XXXX XXXX	XXXXX XXX XXXXXXXXXXX XXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXX XXXXXXX	
			XXXXXXXXXXXXXXXXXX	XXXXXXX			
			XXXXXXXXXXXXXXXXXX	XXXXXXX			
XX	XXXXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXX XX XXXXXXXX XXXXXXX XXX	XXXXXXXXXXXX	XXXXXXX	XXXXXXX		
			XXXXXXXXXXXX	XXXXXXX			
			XXXXXXXXXXXX	XXXXXXX			
			XXXXXXXXXXXXXXXXXX	XXXXXXX			
			XXXXXXXXXXXXXXXXXX	XXXXXXX			
			XXXXXXXXXXXXXXXXXX	XXXXXXX			
XX	XXXXXXXX XXXXX XXXX XXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXX XXXXXXX	XXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXXXXXX XXXXXXXXXX	
			XXXXXXXXXXXXXXXXXX	XXXXXX			
			XXXXXXXXXXXXXXXXXX	XXXXXXX			
			XXXXXX XXXXXXXXXXX	XXXXXXX			
			XXXXXX XXXXXXXXXXXXX	XXXXXXX			
XX	XXXXXX XXXXXXXXXXXXXX X XXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXXXXXX XXXXXXXXXX	
			XXXXXXXXXXXX	XXXXXXX			
			XXXXXXXXXXXXXXXXXX	XXXXXXX			
			XXXXXXXXXXXXXXXXXX	XXXXXXX			
XX	XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXX XXX XXXXXXXXXXXXXXXXXX XX XXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXX XXXXXXX	
XX	XXXXXX XXXXXXX	XXXXXX XXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXXXXXX	

			XXXXXXXXXXXXXXXXXX	XXXXXXX		
XX	XXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXXX	XXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXX	XXXXXXX XXXXXXX	XXXXXXX	XX XXXXXXX XXXXXXXXXX
XX	XXXXXX XXXXXXXXXX XXXX XXXXXX XXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXX XXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXX XXXXXXXXXX
XX	XXXXXXXX XXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXX XXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXX XXXXXXX XXX XXXXXXXXXX XXXXXXX	XXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX	XXXXXXX XXXXXXX	XXXXXXX	XXXXXX XXXXXXXXXXXX
XX	XXXXXXXXXX XXXXXX XXXXXXXXXX XXXX XXXXX	XXXXXX XXXXX XXXXXXXXXXXX XXXXXXX XXXXXXXXXXXX XXXX XXXXXX XXXXXXXXXXX XXXXXXXX XXXXXXX XXX	XXXXXXXXXXXXXXXXXXXX X	XXXXXXX XXXXXXX	XXXXXXX XX	XXXXXXXXXXXX XX XXXXXXXXXXXX
XX	XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXX XXX XXXXXX XXX XXXXXXXXXXXXXXXX XX XXXXXXXXXX	XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX	XXXXXXX XXXXXXX	XXXXXXX X	XX XXXXXXX XXXXXXXXXXXX
XX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXXXXXX XXXXXXXXXXXX
XX	XXXXXX XXXXXXXXXXXX XXXXXXXXXXXX X XXXX XXXX	XXXXXX XXX XXXXXXXXXXX XX XXXXXXX	XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX	XXXXXXX XXXXXXX	XXXXXXX	XX XXX XXXXXXXXXX

XX	XXXXXXXX XXXXX XXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXX XXXXXXX	XXXXXXXXXXXXXXXXXXXX X	XXXXXXX	XXXXXXX	XX XXX XXXXXXXX
			XXXXXXXXXXXXXXXX	XXXXXXX		
			XXXXXXXXXXXX	XXXXXXX		
			XXXXXXXXXXXX	XXXXXXX		
			XXXXXXXXXXXX	XXXXXXX		
XX	XXXXX XXXXXXXXXX XXXXXXXX XXXX XXXX	XXX XXX XXXXXXXXXXX XXX XX XXX XXXXXXX XXXXXXXX	XXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXX XXXXXXXX
XX	XXXXXXXXXX XXXXXXXX XXXXXXX XXXXXXXXXX XXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXX XX XXXXXXX	XXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXX XXXXXXXX
XX	XXXXX XXXXXXXXXX XXXXX XXXXXXXXXXXXXX X XXXX XXXX	XXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXX XXXXXXXX
XX	XXXXXXXXXX XXXXXX XXXXXXXXXXXX XXXXX XXXXXXXXXXXXXX XX XXXX XXXX	XXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX XXXXXXXXXXX XXXXXXXX	XXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXXXXXX XXXXXXXX
XX	XXXXX XXXXXXX XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXX XX XXXXXX XXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXX XXXXXXXX
XX	XXXXX XXXXXXXXXX XXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXX XXXXXXXX	XXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXX XXXXXXXX
XX	XXXXXXXXXX	XXXX XXX XXXXXXX	XXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX XXXXXXX

			XXXXXXXXXXXX	XXXXXX		
			XXXXXXXXXXXX	XXXXXX		
			XXXXXXXXXXXXXXXX	XXXXXX		
			XXXXXXXXXXXXXXXXXXXX	XXXXXX		
			XXXXXXXXXXXXXXXXXXXX	XXXXXX		

Note: EIA refers to environmental impact assessment; EI report refers to environmental impact report; New capacities for projects in Phase II are based on those constructed in Phase II, others are based on total new capacities.

Source: CCM

3.3 Projects involving intermediates only or pesticide technical and intermediates

In China, there is an urgent need for agrochemical companies to increase their industrial deployment of key intermediates, and further integrate the industrial chain of key company products. Among the XXX pesticide projects planned or under construction from QX–QX, a total of XX projects for intermediates only (XX, = XXX,XXX t/a) or pesticide and intermediate combinations (XX, = XXX,XXX t/a), with a capacity of XXX,XXX t/a.

Table 3.3-1 26 Projects for pesticide intermediates only (capacity change), Q1–Q3 2024

No.	Name of Enterprise	Project name	XXX capacity, XXX	Status	Category of concerning TC products
X	XXXXX XXXXXX XXXXXXXXXXXX XXX XXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXX XXXXXXXX	XXXXXXXX X	XX XXX XXXXXXXX	XXXXXXXXXX
X	XXXXXXXXXX XXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXX XX	XX XXXXXXX XXXXXXXX	XXXXXXXXXX
X	XXXXXXXXXX XXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XXX XXXXXXX XXXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXX	XXXXXX	XX XXXXXXX XXXXXXXX	XXXXXXXXXX
X	XXXXXXXXXX	XXXXXX XXX XXXXXXXXXXX XXXXXXXXXXXXXXX XXX	XXXXXXXX	XX XXXXXXX	XXXXXXXXXX

	XXXX XXXXXXXXX XXXX XXXX	XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXX	X	XXXXXXXXX	
X	XXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX XX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXX X	XX XXX XXXXXXXXX	XXXXXXXXXXXXX
X	XXXXXX XXXXXXXXXX XXXXXXXXXXXXX XXXX XXXXXXXX XXXX XXXX	XXXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXX XX	XXXXXXXXXXXXX XX XXXXXXXXXXXXX	XXXXXXXXXXXXX
X	XXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXXXXX XXXX XXXX	XXX XXX XXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXX	XX XXX XXXXXXXXX	XXXXXXXXXXXXX
X	XXXXXXXXX XXXXX XXXXXXXXXXXXX X XXXXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXX XX	XXXXXXXXXXXXX XX XXXXXXXXXXXXX	XXXXXXXXXXXXX XXX XXXXXXXXXXXXX XX
X	XXXXXXXXXX XXXX XXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXX XXXXXXXX	XXXXXXXXX XX	XX XXXXXXXX XXXXXXXXXX	XXXXXXXXXXXXX
XX	XXXXX XXXXXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXX XXXXXXXX	XXXXXXXXX XX	XX XXX XXXXXXXXX	XXXXXXXXXXXXX
XX	XXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXX XXXX XXXXXXXX XXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXX	XXXXXXXXX X	XX XXX XXXXXXXXX	XXXXXXXXXXXXX
XX	XXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXX	XXXXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXXXX XXX XXXXX XXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXX XX	XX XXXXXXXX XXXXXXXXXX	XXXXXXXXXXXXX

	XXXX XXXX				
XX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX XXXXXXXX	XXXXXXXX X	XX XXXXXX XXXXXXXXXX	XXXXXXXXXX
XX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXX XXX XXXX XXXX	XXXXXXXX XXX XXXX XXXXXXXXXXXX XXXXXXXX	XXXXXXXX XX	XX XXX XXXXXXXXXX	XXXXXXXXXX
XX	XXXXXXXX XXXX XXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXX XXXXXXXXXXXX XXXXXXXX	XXXXXXXX X	XX XXXXXX XXXXXXXXXX	XXXXXXXXXX
XX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XX XXXXXXXX XXXXXXXX	XXXXXXXX X	XX XXXXXX XXXXXXXXXX	XXXXXXXXXX
XX	XXXXXXXXXX XXXXXX XXXXXXXXXXXXXX XX XXX XXXXXXXXXXXX XXXX XXXX	XXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXXXXXX	XXXXXX	XXXXXXXXXXXX XX XXXXXXXXXXXX	XXXXXXXXXX
XX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXX XX XXXX XXXX	XXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXX XXXXXXX XX	XXXXXXXX X	XXXXXXXXXXXX XX XXXXXXXXXXXX	XXXXXXXXXX
XX	XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXX XXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXX	XXXXXXXX X	XX XXXXXX XXXXXXXXXX	XXXXXXXXXXXX XX
XX	XXXXXXXXXX XXXXXXXXXX XXXXXX XXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXX XXXXXXXXXXX XXXXX XXX XXXXXXXXXXXXXXXXXXXX XXX XXXXXXX XXX XXXXXXXXXXXX XXXXXXX	XXXXXXXX XX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXXXX XX

XX	XXXXXXXXX XXXXXX XXXXXXXXX XXXX XXXX	XXXXXX XXX XXXX XXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXX XX
XX	XXXXXX XXXXXXXXX XXXXXXXXXXXXX XX XXXX XXXX	XXXXXX XXX XX XX XXX XXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXX X	XX XXX XXXXXXXXXX	XXXXXXXXXX XX
XX	XXXXXX XXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXX X	XX XXXXXX XXXXXXXXXX	XXXXXXXXXX XX
XX	XXXXXX XXXXXXXXX XXXXXX XXXXXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXX X	XXXXXXXXXXXXX XX XXXXXXXXXXXXX	XXXXXXXXXX XX
XX	XXXXXXXXXXXXX XXXXXXXX XXXX XXXXXXXXXXXXX XXXX XXX	XXX XXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXX	XXXXXX XXXXXXXXXXXXX	XXXXXXXXXXXXX XX
XX	XXXXXXXXXXXXX XXXXXXXXXXXXX XXXXXXXXXXXXX X XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXX X	XX XXX XXXXXXXXXX	XXXXXXXXXXXXX XXX XXXXXXXXXXXXX XX

Note: EIA refers to environmental impact assessment; EI report refers to environmental impact report; New capacities for projects in Phase II are based on those constructed in Phase II, others are based on total new capacities.

Source: CCM

Table 3.3-2 19 Projects for pesticide technical and intermediates (capacity change), Q1–Q3 2024

No.	Name XX Enterprise	Project name	New capacity, XXX	Status	Category XX concerning XXXXXXXX
-----	--------------------	--------------	-------------------	--------	---------------------------------



X	XXXXX XXXXXX XXXXXXXXXXXX X XXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXX XXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXX	XX XXX XXXXXXXX	XXXXXXXXXXXX
X	XXXXX XXXXXXXX XXXXXXXX XXXX XXXX	XXXXXX XXX XXXX XXXXXXXXX XXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXX	XX XXX XXXXXXXX	XXXXXXXXXXXX
X	XXXXX XXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXX XXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXX	XX XXXXXXX XXXXXXXXXX	XXXXXXXXXXXX
X	XXXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXX XXXXXX XXX XXXXXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXX	XX XXX XXXXXXXX	XXXXXXXXXXXX XXX XXXXXXXXXXXX XXX XXXXXXXXXXXX
X	XXXXXXXXXXXX XXXXXX XXXX XXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXX XXX XXX XXX XXX XXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXX XXXXXXXX	XXXXXXXXXXXX	XX XXXXXXX XXXXXXXXXX	XXXXXXXXXXXX XXX XXXXXXXXXXXX XXX XXXXXXXXXXXX
X	XXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXXXX X XXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXX XXXXXXXXXXXXXXXX XXXXX XXXXXXXXXXXX XXXXXXXXXXXXXXX XXX XXX XXXXXXXXXXX XXXX XXX XXXXXX XXXXXXXXXXX XXXXXX XXX XXXXXXXXXXXXXXX XXXXX XXX XXXXX XXX XXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXX XXXXXXXX	XXXXXXXXXXXX	XX XXXXXXX XXXXXXXXXX	XXXXXXXXXXXX
X	XXXXX XXXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXX XXXXXXXXXXX XXX XXX XXXXXXXXXXXXXXXX XXXXXXX XXXXXX XX XXXXX XXXX	XXXXXXXXXXXX	XXXXX XXXXXXXXXXXXXXXX	XXXXXXXXXXXX XXX XXXXXXXXXXXX
X	XXXXXXXX XXXXXXX XXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXX XXX XXXXXX XXX XXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXX XXXXXXX	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXX



X	XXXXXXXX XXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXX XXXXXXXXXXX XXX XXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXX	XXXXXX	XX XXX XXXXXXXX	XXXXXXXXXX XXX XXXXXXXXXXXX
XX	XXXXXXXX XXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXXXX XXX XXXX XXXXXXXX XXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XX XXX XXXXXXXX	XXXXXXXXXX
XX	XXXXX XXXXXXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXX XXX XXXXXXXXXXXXXXXX XX XXX XXXXX XXX XXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XX XXXXX XXXXXXXX	XXXXXXXXXX XXX XXXXXXXXXXXX
XX	XXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXX XXX XXXXXXXXXX XXX XXXXXXXX XXXXXX XX	XXXXXXXXXX	XX XXX XXXXXXXX	XXXXXXXXXX XXX XXXXXXXXXXXX
XX	XXXXX XXXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXX XXX XXXXXXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXX	XXXXXXXXXX	XX XXX XXXXXXXX	XXXXXXXXXX
XX	XXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXX XXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XXXXXXXX	XXXXXXXXXX
XX	XXXXX XXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXX XXX XXXXXXXXXXX XX XXX XXXXXXXXXXXXXXXX XXXXXXXX	XXXXXXXXXX	XX XXXXX XXXXXXXX	XXXXXXXXXXXX XXX XXXXXXXXXXXX
XX	XXXXX XXXXXXXXXXX XXXXXXXX XX XXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXX XXXXXXXXXX XXX XXXXX XXX XXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXX XXXXXX XX	XXXXXXXXXX	XX XXX XXXXXXXX	XXXXXXXXXXXX XXX XXXXXXXXXXXX
XX	XXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXX XXXXXXXXXXX XXX XXXXXXXXXXXXXXXX XXXXXXXX XXXXXX XX	XXXXXXXXXX	XX XXX XXXXXXXX	XXXXXXXXXXXX
XX	XXXXX XXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXX XXX XX XXX XXXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXX XX	XXXXXXXXXX	XX XXX XXXXXXXX	XXXXXXXXXXXX

XX	XXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXXX XXX XXXXXXXXXXXXXXXX XXX XXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXX XXX XXXXXX XXX XXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXX	XXXXXX XXXXXXXXXXXXXX	XXXXXXXXXXXXXX
----	---	--	------------	--------------------------	----------------

Note: EIA refers to environmental impact assessment; EI report refers to environmental impact report; New capacities for projects in Phase II are based on those constructed in Phase II, others are based on total new capacities.
Source: CCM

3.4 Projects no new production capacity

...

Table 3.4-1 10 Pesticide projects no new production capacity, Q1–Q3 2024

No.	Name XX Enterprise	Project name	Capacity change, XXX	Status	XXXXXXXXXXXX nature
X	XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXX XXXX XXXXX XXXXXXXX	XXXXXXXX XXX XXXXX XXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXX XXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXXXX XXXXXXXX
X	XXXXX XXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXXXXXXX	XXXX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXXXX XXX XXXXXXXXXXXX
X	XXXXXXXXXXXXXXXXXXXX XXXX	XXXXX XXX XXXXXXXXXXXXXXXX XX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXX	XXXXXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXXXX XXXXXXXX
X	XXXXXXXXXXXX XXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXX XXX XXXXXXXXXXXX XX XXX XXXX XXXXX XX XXX XXXXXXXX XXX XXXXXXXXXXXXXXXXXX XXXXXXXX	XXXX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXXXX XXXXXXXX
X	XXXXXXXXXX XXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXX XXXXXX XXXX XXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXX	XX XXX XXXXXXXX	XXXXXXXXXXXXXXXXXX XXXXXXXX
X	XXXXX XXXX XXXXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXX XXX XXXXX XXXXXX XXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXX	XXXX	XX XXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXXXX XXX XXXXXXXXXXX

X	XXXXXXXX XXXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXX XXXXX XXXXXXXXXX XXXX XXXXXXXXXX XXXXXXXXXXXX XXXXXXXX	XXXX	XX XXXXXX XXXXXXXX	XXXXXXXXXXXXXXXX XXXXXXXX
X	XXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXXX XXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXX XXXXXXXX	XXXX	XXXXXXXX	XXXXXXXXXXXXXXXX XXXXXXXX
X	XXXXXXXX XXXX XXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXX XXXXXXXX	XXXX	XX XXXXXX XXXXXXXX	XXXXXXXXXXXXXXXX XXXXXXXX
XX	XXXXXXXX XXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXX XXX	XXXXX XXX XXXXXXXXXX XXX XXXXXXXXXXXXXX XXX XXX XXX XXXXXX XXXXXXXX XXXXXXXXX XXXXXXXXXXXXXXXXXX XXXXXXXX	XXXX	XXXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXX XXXXXXXX

Source:CCM

If you want more information, please feel free to contact us

Tel: +86-20-37616606 Fax: +86-20-37616968

Email:econtact@cnchemicals.com