

New Registrations of Pesticide Formulations in China in 2021

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1. Introduction

This report is about new registrations of pesticide formulations in China in 2021. This report not only shows an overview of the new registrations of pesticide formulations in China in 2021, but also introduces the new registrations of herbicide formulations, insecticide formulations, fungicide formulations, export-only formulations in details. And this report presents those newly registered active ingredients of first-registration for pesticide formulations in China during the year.

So this report can reflect the development status of the pesticide industry in China and guide investment and business movements for the upstream players who pay close attention to the industry or try to find opportunities from it.

What's about the number of new registrations of pesticide formulations by different pesticide category? How about the number of new registrations by different toxic level? How many pesticide active ingredients were included in the new registrations of pesticide formulations? Which enterprise had the most new registrations? And how about the foreign enterprises registered in China? In this report, you will find the answers to the questions above, and to some more.

To enquire about this report, please email econtact@cnchemicals.com or call +86-20-37616606.

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 websites and statistics, industrial 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.

- Internet

CCM visited government websites and contacted with players in the domestic agrochemical industry through BXB websites and software.

- Data processing and presentation

The data collected and compiled are sourced from:

- CCM's database
- 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

According to data released by the Institute for the Control of Agrochemicals, Ministry of Agriculture and Rural Affairs of the People's Republic of China (ICAMA) as of XXXX, China approved X,XXX new and X,XXX renewed registrations of pesticide formulations last year.

Among the X,XXX new & full registrations, XXX and XXX formulations were the dominating categories, accounting for XX%, XX% and XX% respectively. In terms of pesticide formulation type, XXX, XXX, XXX were the top three frequently registered types. Since XXXX, China's government has given export-only registrations to pesticides that are strictly forbidden for use in China. Last year, XX new pesticide formulations for export only were approved with registration numbers starting with the serial code "EXXXXX-". As for the active ingredients, totalling XXX kinds of active ingredients were applied in the new registrations of pesticide formulation, with XXXX as the top five. What's more, XXXX were the four major registrants when it comes to the number of new registrations of pesticide formulation.

Notably, XX kinds of different active ingredients were firstly approved in the XX new & full formulation registrations composed of X fungicides, X insecticides, X herbicides and X plant growth regulators; by use, XX new registrations were approved for formal production permits, X for export-only one.

4. What is in the report?

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

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1.1 Registration status of China's pesticide formulation for 2021

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Table 1.1-1 Registration of pesticide in China, 2021

No.	Registration type	Formulation	Technical	XXXXX
X	XXX X XXXX	XXXXX	XX	XXXXX
X	XXXXXXXX	XXXXX	XXX	XXXXX
XXXXX		XXXXX	XXX	XXXXX

Source: Institute for the Control of Agrochemicals, Ministry of Agriculture (ICAMA) & CCM

Table 1.1-2 Registration of export-only pesticide in China as of 31 Dec., 2021

No.	Item	EX2021-	EX2020-
X	XXXXXXXXXXXX	XX	X
X	XXXXXXXXXXXX	XX	X
XXXXX		XXX	X

Source: ICAMA & CCM

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2.2 Top 10 active ingredients of single pesticide formulation

In XXXX, total X,XXX new registrations of single pesticide formulations had XXX different active ingredients. Thereinto, based on the number of new registrations, the top XX active ingredients gained XXX registrations, accounting for XX.X% of the total single pesticide formulations; the top X included glyphosate, L-glufosinate, clothianidin, glufosinate ammonium, pinoxaden.

Table 2.2-1 Top 10 active ingredients of single pesticide formulation by number of new registrations in China, 2021

No.	Active ingredient	Category	Number of registrations
X	XXXXXXXXXX	XXXXXXXXXX	XX
X	XXXXXXXXXXXXXXXX	XXXXXXXXXX	XX
X	XXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XX
X	XXXXXXXXXXXX XXXXXXX	XXXXXXXXXX	XX
X	XXXXXXXXXX	XXXXXXXXXXXX	XX
X	XXXXXXXXXXXXXXXX	XXXXXXXXXX	XX
X	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XX
X	XXXXXXXXXX	XXXXXXXXXXXX	XX
XX	XXXXXXXXXX	XXXXXXXXXX	XX
XXXXX			XXX

Source: ICAMA & CCM

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3.3 China's main registrants of herbicide formulation, 2021

The XXX new registrations of herbicide formulations were held by XXX registrants in XXXX. Top XX registrants gained XXX approvals, taking up XX.X% of the total herbicide formulations ones; each gained XX or above registrations.

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3.4.1 Top 10 active ingredients of herbicide formulation

Among XXX new registrations of herbicide formulations in XXXX, there were XXX kinds of active ingredients. In particular, XXX new registrations applied for single active ingredient; XXX ones with two or three active ingredients.

The number of new registrations of the top XX active ingredients reached XXX, nearly XX.X% of the total. The main active ingredients included glyphosate, L-glufosinate, glufosinate ammonium, glyphosate•glufosinate ammonium, pinoxaden, etc.

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5.2 New registration of fungicide formulation by toxic level

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Table 5.2-1 New registrations of fungicide formulation in China by toxic level, 2021

No.	Toxicity	Number of registrations
X	XXX	XXX
X	XXXX	XX
X	XXXXXXXX	XX
X	XXX XXXX XXXXXX XXXXXX	X
XXXXX		XXX

Source: ICAMA & CCM

5.3 China's main registrants of fungicide formulation, 2021

The XXX new registrations of fungicide formulations were held by XXX registrants in XXXX; the top XX registrants held XX.X% of the total and each obtained $\geq X$ new registrations. Specifically, Shaanxi Meibang Pharmaceutical Group Co., Ltd. and Shaanxi Tunpsion Biotechnology Co., Ltd., Shanghai Yuelian Biological Technology Co., Ltd. topped the list.

Table 5.3-1 Main registrants of new fungicide formulation registration in China, 2021

No.	Registrant	Registrant (CN)	Location	Number of registrations
X	XXXXXXXX XXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	XX
X	XXXXXXXX XXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	XX
X	XXXXXXXX XXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXX XXXXXXXXXXXXXXXX	XX

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

Source: ICAMA & CCM

...

5.4.1 Top 12 active ingredients of fungicide formulation

China issued XXX new fungicide formulation certificates with XXX active ingredients/ingredient

combinations in XXXX. Specifically, the number of new registrations of the top XX active ingredients reached XXX, taking over XX.X% of the total new fungicide formulations; ranking first in XXXX, pyraclostrobin was registered for XX new approvals, followed by pyraclostrobin•tebuconazole, oxine-copper•kasugamycin, fludioxonil.

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5.4.4 Newly registered active ingredient of fungicide formulation

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Table 5.4.4-1 Newly registered fungicide active ingredients held by foreign enterprises, 2021

No.	Active ingredient	Content	Type	Toxicity	Expiry date	Registrant	Country
X	XXXXXXXXXXXXXXXX	XXX	XX	XXX	XXXXXXXXXX	XXXXXXXX XXXX XXXX XXXX	XXXXX
X	XXXXXXXXXXXX	XXXXXX	XX	XXX	XXXXXXXXXXXX	XXXXXXXXXX XXXXXX XXXXXX XXXX	XXXXX

Source: ICAMA & CCM

...

6.1 Export-only registration of pesticide formulation by category

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Table 6.1-1 China's new registrations of export-only formulation by category, 2021

No.	Category	Number of registrations
X	XXXXXXXXXX	XX
X	XXXXXXXXXXXX	XX
X	XXXXXXXXXX	X
X	XXXXX XXXXXX XXXXXXXXXXX	X
XXXXX		XX

Source: ICAMA & CCM

6.2 Export-only registration of pesticide formulation by formulation type

In XXXX, the total XX China's new export-only pesticide formulation registrations can be sorted by XX formulation types, XX (=XX.X%) registrations of which are dominated by the top X formulation types.

...

6.4 Active ingredient of China's export-only pesticide formulation, 2021

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Table 6.4-1 Top 18 active ingredients of single formulation for export only, 2021

No.	Active ingredient	Main specification	Main category	Number of registrations
X	XXXXXXXXXXXX	XXXXXX XXX XXX XXX XXX XX X XXXXX XX	XXXXXXXXXXXX	XX
X	XXXXXXXXXXXX XXXXXXXX	XXX XXX XXXXX XXX 280g/l XX X XXXXXX XX	XXXXXXXXXXXX	X
X	XXXXXXXXXX	XXXXXX XXX XXX XX	XXXXXXXXXXXX	X
X	XXXXXXXXXXXXXXXXXXXX	XXXXXX XXX XXXXXXX XXX XXXXXXX XX X XXXXXXX XX	XXXXXXXXXXXX	X
X	XXXXXXXXXXXXXXXXXXXX	XXX XXX XXX XXX XXX XX X XXX XX	XXXXXXXXXXXX	X
X	XXXXXXXXXXXXXXXXXXXX	XXXXXXX XXX XXX XX	XXXXXXXXXXXX	X
X	XXXXXXXXXXXX	XXXXXXX XXX XXXXX XX X XXXXXXX XX	XXXXXXXXXXXX	X
X	XXXXXXXXXXXXXXXXXXXX	XXXXXXX XXX XXXXXXX XX	XXXXXXXXXXXX	X
X	XXXXXX XXXXXXXXXX XXXXX XXXX	XXXXXXX XXX XXXXXXX XX	XXXXXXXXXXXX	X
XX	XXXXXXXXXXXX	XXXXXX XXX XXXXX XX	XXXXXXXXXXXX	X
XX	XXXXXXXXXXXX	XXXXXXX XX	XXXXXXXXXXXX	X
XX	XXXXXXXXXXXX	XXXXXXX XXX XXX XX	XXXXXXXXXXXX	X
XX	XXXXXXXXXXXX	XXXXXXX XX	XXXXXXXXXXXX	X

XX	XXXXXXXXXXXXXXXXXXXX	XXXXXX XXX XXXXXX XX	XXXXXXXXXX	X
XX	XXXXXXXXXXXXXXXXXXXX	XXXXXX XXX XXXX XX	XXXXXXXXXXXX	X
XX	XXXXXXXXXXXXXX	XXXXXX XX	XXXXXXXXXX	X
XX	XXXXXXXXXXXXXXXXXXXX	XXXXXX XXX XXXXX XX	XXXXXXXXXX	X
XX	XXXXXXXXXX	XXX XXX XXX XX	XXXXXXXXXX	X
XXXXXX				XX
XXXXX				XX

Source: ICAMA & CCM

...

6.5 Registrant of pesticide formulation for export only in China

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Table 6.5-1 China's registrants of export-only pesticide formulation, 2021

No.	Registrant (EN)	Registrant (CN)	Location	Number of registrations
X	XXXXXXXX XXXX XXXXXXXX XXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	XX
X	XXXXXXXX XXXXXXX XXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	XX
X	XXX XXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
X	XXXXXXXX XXXX XXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
X	XXXXXXXX XXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
X	XXXXXXXX XXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
X	XXXXX XXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXX XXXXXXXX	X



	XXXX Ltd.			
X	XXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	X
X	XXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX XXXXXXXX	X
XX	XXXX XXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXX	XXXXXXXXXXXX XXXXXXXX	X
XX	XXX XXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX XXXXXXXX	X
XX	XXXXXXXXXXXX XXXXXXX XXXX XXXX	XXXXXXXXXXXX	XXXXXXXXXXXX XXXX XXXXXXXXXXXXXXXXXXXX	X
XX	XXXXXXXXXXXX XXXXXXX XXXXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXX	XXXXXXXXXXXX XXXXXXXX	X
XX	XXXXXXXXXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX XXXXXXXX	X
XX	XXXXX XXXXXXXXXXXXXXX XXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXX	X
XX	XXXXX XXXX	XXXXXXXXXXXX	XXXXX XXXXXXXXXXXXXXX	X
XX	XXXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX XXXXXXXX	X
XX	XXXXX XXXXXXX XXXXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXX XXXXXXXXXXXXXXX	X
XX	XXXXX XXXXXXX XXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXX XXXXXXXXXXXXXXX	X
XX	XXXXXXXXXXXX XXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX XXXXXXXX	X
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XX	XXXXX XXXXXXX XXXXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXXXX	XXXXX XXXXXXXXXXXXXXX	X
XX	XXXXXXXXXXXX XXXXXXX XXXXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXX	XXXXXXXXXXXX XXXXXXXX	X
XX	XXXXXXXXXXXX XXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX XXXXXXXX	X

	XXXXXXXXXXXXX X XXXXXXXXXX XXXX XXXX			
XX	XXXXXXXX XXXXXX XXXXXXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
XX	XXXXXXXX XXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
XX	XXXXXXXX XXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
XX	XXX	XXXXXXXXXXXXX	XXXXXXXX XXX XXXXXXXXXXXX XXXXXXXX	X
XX	XXXXXXXX XXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
XX	XXXXXXXX XXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
XX	XXXXXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
XX	XXXXXXXX XXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
XX	XXXXXXXX XXXX XXXX	XXXXXXXX	XXXXXXXX XXXXXXXX	X
XX	XXXXXXXX XXXXX XXXXXXXXXX X XXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
XX	XXXXXXXX XXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXX	XXXXXXXX XXXXXXXX	X
XXXXX				XX

Source: ICAMA & CCM

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