

Top 100 Pesticide Enterprises in China in 2023

The Ninth Edition

July 2023

Researched & Prepared by:

Kcomber Inc.

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1. Introduction

With the intensification of industry competition and the increasing pressure on environmental protection and safety, China's pesticide industry has entered a new round of integration period. The merger and reorganisation of the pesticide industry continued, and the industry concentration was further improved. From 2020 to 2023, due to the continuous improvement of environmental protection in eastern China, the pesticide industry was transferred from Jiangsu Province, Zhejiang Province and Hebei Province to areas with large quantities of resources and energies. At present, the overall development of pesticides in China has ushered in a special period with management standardisation, product optimisation, industry integration and upgrading. For the whole industry, on the one hand, the overall level of China's pesticide industry should be improved through the development of new technologies and application of new products. On the other hand, it is necessary to avoid re-construction of low-end production capacity and re-registration of low-end products, to ensure the high-quality development of the industry.

In 2022, thanks to the accelerating resumption of work and production from the COVID-19 impacts, China's pesticide industry saw the industrial operation back on its feet. It registered a benefit growth rate climbing in H1 and then subsiding in the second half of the year, especially in Q4, representing a significant growth for the whole year. Moreover, China's export of pesticides hit a record high in 2022, The export volume of pesticide technicals witnessed drops in Nov. and Dec. 2022, but large growths in other months.

In this report, CCM will do analysis of Top 100 Pesticide Enterprises in China from the following aspects:

- √ Review of China's pesticide industry in 2022
- √ 2023 Top pesticide enterprises in China
- √ 2023 Top pesticide formulation enterprises in China
- √ Top crop protection brands in China in 2022

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:

- √ China Crop Protection Industry Association
- √ 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.

Source:CCM

- Unit

USD: US dollar, currency unit in the US

RMB: currency unit in China, also named Renminbi

Tonne: ton, equals to metric ton in this report

/t: per tonne

t/a: tonne per year, tonne/annum

Table Abbreviations and full names

3. Executive summary

In XXXX, with the prompt recovery of work and production, the industrial chain was back to normal operation, with an output nearly levelling with that in XXXX, hitting X,XXX,XXX tonnes. As to exports, China's of pesticides hit a record high in XXXX, registering increases in export value and volume, up by XX.XX% and X.XX% year on year, respectively.

The revenue entry thresholds for China Top XXX Pesticide and Pesticide Formulation Enterprises have been raised over years, marking a CAGR of XX.XX% and XX.XX% from XXXX to XXXX, respectively. On XX May, China disclosed the XXXX top XXX pesticide/formulation enterprise lists based on their overall sales performance in XXXX. The total sales of the top XXX pesticide enterprises in XXXX increased by XX.XX%, and the threshold for entering the list was lifted by XX.XX%. Regarding the listed top XXX formulation enterprises realised XX.XX% year-on-year growth in XXXX sales collectively; the top X positions go to Guangdong Zhongxun Agri-science Corporation and Shenzhen Noposion Agrochemicals Co., Ltd., located in South China.

In the XXXX list of popular pesticide brands, popular pesticide brands in China in XXXX referring to XX products from XX enterprises were publicised.

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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1.2 Export volume and value of China's pesticide technical

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As to the export value and volume of China's pesticide technicals, XX highest-valued pesticides in China in XXXX were listed. Top X of them were glyphosate, glufosinate ammonium, paraquat, atrazine and imidacloprid, taking up XX.X% of the total export value or XX.X% of the total export volume, respectively. Notably, China's export volumes of glyphosate and picloram (converted into XXX% AI) were XXX,XXX tonnes and X,XXX tonnes in XXXX, down by X.XX% and XX.XX% compared with that in the previous year, yet the export value of their technicals amounted to USDX,XXX million or USDXXX.XX million, up XX.XX% and XX.XX% year on year; while mesotrione technical, both of its export value and volume marked double-digit yearly drops for sluggish demand in XXXX.

Table 1.2-1 List of the top 15 pesticide active ingredients by export value, 2022

No.	Product	Export value, million USD	YoY change (by value)	Export volume, '000 tonne	YoY change (by volume)
X	XXXXXXXXXX	XXXXXXXX	XXXXXX	XXXXXXXX	XXXXXX
X	XXXXXXXXXX XXXXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
X	XXXXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
X	XXXXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
X	XXXXXXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
X	XXXXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
X	XXXXXXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
X	XXXXXXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX

X	XXXXXXXXXX	XXXXXX	XXXXXX	XXXXX	XXXXXX
XX	XXXXXX	XXXXXX	XXXXX	XXXXXX	XXXXX
XX	XXXXXXXXXX	XXXXXX	XXXXXX	XXXXX	XXXXXX
XX	XXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
XX	XXXXXXXXXXXXXX	XXXXXX	XXXXXX	XXXXX	XXXXXX
XX	XXXXXXXXXXXXXX	XXXXXX	XXXXXX	XXXXX	XXXXXX
XX	XXXXXX	XXXXXX	XXXXXX	XXXXX	XXXXXX

*Note: The volume in this table is converted into 100% AI.
Source: Tranalysis*

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2.1.1 Lists of Top Pesticide Enterprises and Pesticide Formulation Enterprises in China, 2019–2023

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It's worth mentioning that the entry threshold of the top XXX pesticide enterprises first reached RMBXXX million (USDXX.XX million) in the XXXX list, and hovered around RMBXXX million (USDXX.XX million) in the XXXX and XXXX lists. For the XXXX list, the barrier went up to RMBXXX million (USDXX.XX million) for the first time.

In the XXXX list, there were only X enterprises with revenue above RMBX billion (USDXX.XX million), while the number added to XX in the XXXX list, nearly four-fold of that in the XXXX list.

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2.1.2 2023 Top pesticide players by sales revenue

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Table 2.1.2-1 Overlapping names in the two 2023 Top 100 Pesticide Enterprise Lists

No.	Enterprise (EN)	Enterprise (CN)	2022 Revenue, million USD	YoY Change based on RMB	Ranking in the pesticide list	Ranking in the formulation list
X	XXXXXXXXXX XXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX	X
X	XXXXXXXXXX XXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX	X
X	XXXXXXXXXX XXXXXXXXX XXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX	X
X	XXXXXXXXXX XXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX	X
X	XXXX XXXX XXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX	()	XXXXXXX	XXXXXXX	XX	X
X	XXXXXXXXXX XXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX	X
X	XXXXXXXXXX XXXXX XXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX	X
X	XXXXXXXXXX XXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX	X
XX	XXXXX XXXXXXXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX	XX
XX	XXXXXXXXXX XXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX	XX
XX	XXXXXXXXXX XXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX	XX
XX	XXXXX XXXXXXXXXXXXX XXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXX	XXXXXXX	XXXXXXX	XX	XX
XX	XXXXX XXXXXXXXXXXXX XXXXXXXXX XXXX XXXX	()	XXXXXXX	XXXXXXX	XX	XX
XX	XXXXX XXXXXXXX XXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXX	XXXXXXX	XXXXXXXXXX	XX	XX
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XX	XXXXX XXXX XXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXX	XXXXX	XXXXXX	XXX	XX

Source:CCPIA & CCM

There are X new entrants in the pesticide list and XX new ones in the formulation list, compared with the lists of the previous year.

Key takeaways:

- Sinon Chemical (China) Co., Ltd., Anhui Richen Plant Protection Engineering Co., Ltd. and Jixixian Qingfeng Tianying Biochemical Co., Ltd. broke into the XXXX pesticide list as the XXnd (XXth in the formulation list), XXrd (XXth in the formulation list) and XXnd (XXst in the formulation list), respectively—all only entered the XXXX formulation list before.
- Yixing Yizhou Chemical Products Co., Ltd. appeared in both lists for the first time, with the annual sales of USDXXX million (RMBXXX million) in XXXX, claiming the XXth in the pesticide list (or XXrd in the formulation list).
- In addition, as to the formulation pesticide enterprise list, Norsyn Crop Technology Co., Ltd. hit No. XX, with the annual sales of USDXX million (RMBXXX million).

...

Table 2.1.2-2 New entrants in the 2023 Pesticide Formulation Enterprise List

No.	Enterprise	XXXXXXXXXX revenue in 2022, million USD	XXXXXXXXXX revenue in 2022, million RMB	Ranking
X	XXXXXX XXXX XXXXXXXXXXXX XXXXXXXXXX	XX	XXX	XX
X	XXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXX XXXX	XX	XXX	XX
X	XXXXXXXX XXXX XXXXX XXXX XXXX	XX	XXX	XX
X	XXXX XXXX XXXXXXXXXXXXXXXX XXXX	XX	XXX	XX
X	XXXXXXXX XXXXXX XXXXXXXXXXX XXXX XXXX	XX	XXX	XX
X	XXXXXXXX XXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXX XXXX XXXX	XX	XXX	XX
X	XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XX	XXX	XX
X	XXXXXXXX XXXX XXXXXXXX X XXXXXXXXXXXXXXXX XXXX XXXX	XX	XXX	XX
XX	XXXXXXXX XXXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XX	XXX	XX
XX	XXXXXX XXXXXXXX XXXXXXXXXXX XXXX XXXX	XX	XXX	XX
XX	XXXXXX XXXXXXXX XXXXXXXXXXX XXXXXXXXXXXXXXXX XXX	XX	XXX	XX
XX	XXXXXXXX XXXXXXXX XXXXXXXXXXXXXXXX XXXX	XX	XXX	XX
XX	XXXXXX XXXXXXXX XXXXX XXXXXXXXXXX XXXX XXXX	XX	XXX	XX

Source:CCPIA & CCM

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2.2.1 China's Top 100 Pesticide Enterprises

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Table 2.2.1-1 List of 2023 China Top 100 Pesticide Enterprises

N o.	Enterprise	XXXXXXXX X revenue in 2022, million XXX	XXXXXXXX X revenue in 2022, million XXX	XXXXXXXX X revenue in 2021, million XXX	XXXXXXXX X revenue in 2021, million XXX	YoY Change		Ran king in 2023	Ran king chang e
						XXXXX XX XXX	XXXXX XX XXX		
X	XXXXX XXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	X	X
X	XXXXXXXX XXXXXXXX XXXXXXXX XXXX XXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	X	X
X	XXXXXXXX XXXXXXXX XXXXXX X XXXXXXXX XXXX XXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	X	X
X	XXXXXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	X	X
X	XXXXXXXX XXXXXXXX XXXX XXXXXXX XXXX XXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX	X	X
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X X	XXXXX XXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXX	XXX	XXX	XXX	XXXXXXXX	XXXXXX	XX	XX	
X X	XXXXX XXXXXXX XXXXXXXX XXXX XXXX	XXX	XXX	XXX	XXX	XXXXXXXX	XXXXXX	XX	X	
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X X	XXXXXXXX XXXXXX XXXXXXXX XXXX XXXX	XXX	XXX	XXX	XX	XXXXXX	XXXXXX	XX	X	
X X	XXXXXXXX XXXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXX	XXX	X	X	X	X	X	X	
X X	XXXXXXXX XXXXXX XXXX XXXXXXXXXXX XXXX XXXX	XXX	XXX	XXX	XX	XXXXXX	XXXXXX	XX	X	
X X	XXXXX XXXXX XXXXXXXX XXXXXX XXXX XXXX	XXX	XXX	XXX	XX	XXXXXX	XXXXXX	X	X	
X X	XXXXX XXXXXXXXXXX XXXX XXXX	XXX	XXX	X	X	X	X	X	X	
X X	XXXXXXXX XXXXXX XXXXXXXX XXXX XXXX	XXX	XXX	X	X	X	X	X	X	
X X X	XXXX XXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXX	XXX	XXX	XX	XXXXXX	XXXXXX	XX	XX	
X X X	XXXXX XXXX XXXXXXXXXXX XXXX XXXX	XXX	XX	XXX	XX	XXXXXX	XXXXXX	XX	XX	

Note:1. Fuze Biotechnology Co. Ltd. (No.42 in this list) refers to "Beijing Kangbang Fuze Biotech Co., Ltd." in the previous issue.
 2. Qilu Synva Pharmaceutical Co., Ltd. (No. 99 in this list), is a wholly-owned subsidiary of Qilu Pharmaceutical (Inner Mongolia) Co., Ltd. (No. 37 in this list).
 Source:CCPIA & CCM

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Table 2.2.1-2 List of the pesticide enterprises with growth rate of annual revenue exceeding 50%, 2022

No.	Enterprise	YoY Change		XXXXXXXX X revenue in 2022, million XXX	XXXXXXXX X revenue in 2022, million XXX	Ranking in 2023	Rankin g change
		XXXXX XX XXX	XXXXX XX XXX				
X	XXXXX XXXXXX XXXXX	XXXXXXXX	XXXXXXXX	XXX	XXX	XX	X



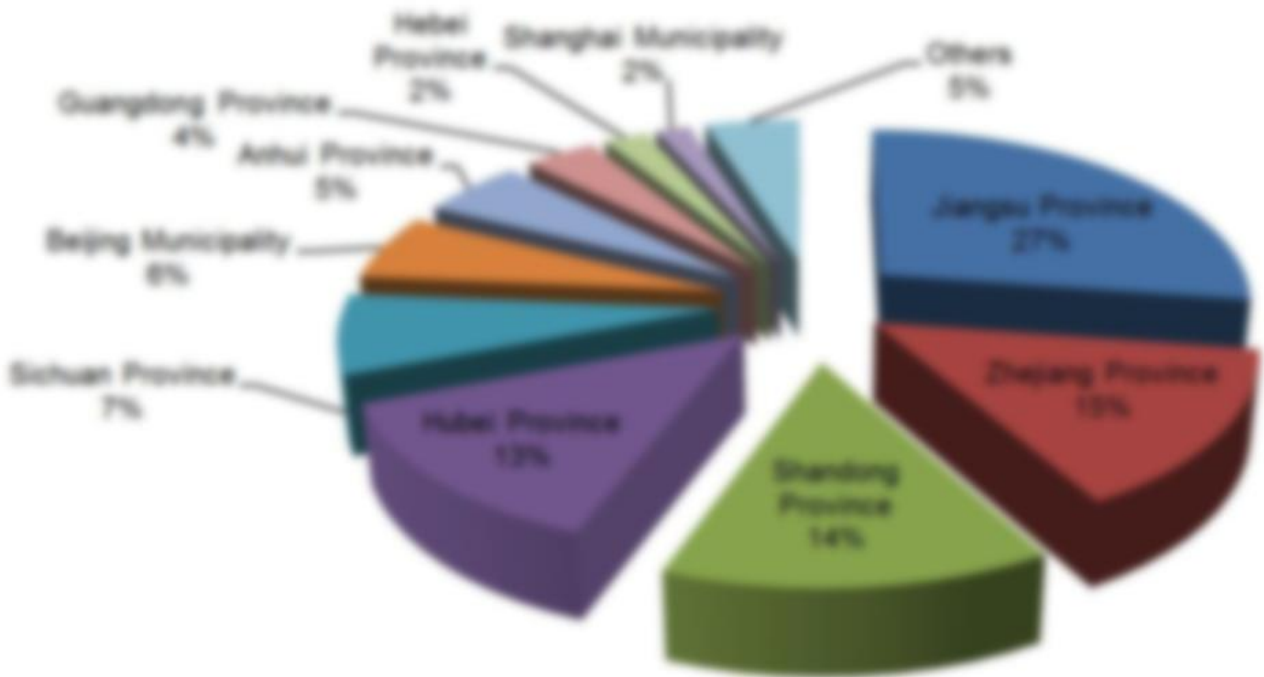
	XXXXXXXXXX XXXXXXXXXXXX XXXX XXXX						
X	XXXXX XXXXXXXX XXXXXXXXXXXXXXX XXXX XXXX	XXXXXXX	XXXXXXX	XXXXXX	XXXXXX	X	XX
X	XXXXX XXX XXXXXXXX XXXX XXXX	XXXXXXX	XXXXXXX	XXXXXX	XXX	XX	XX
X	XXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXX	XXXXXXX	XXXXXX	XXX	XX	XX
X	XXXXX XXXXXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXX	XXXXXXX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

Source:CCPIA & CCM

2.2.2 Geographical distribution of Top 100 Pesticide Enterprises

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Figure 2.2.2-1 Share of pesticide revenue of 2023 China Top 100 Pesticide Enterprises by province/region, 2022



Source:CCPIA & CCM

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2.3.1 China's Top 100 Pesticide Formulation Enterprises

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As to annual growth, XX enterprises recorded increases and X remained stable in sales, while X saw sales decline—this number is down by X compared with the list for one year before.

Notably, XX formulation enterprises reported XX%+ increases of sales in XXXX, among which Anhui Richen Plant Protection Engineering Co., Ltd. topped in growth rate, bringing in sales of USDXXX million (RMBXXX million), up by XXX.XX% from USDXX million (RMBXXX million) in XXXX; it took the XXth place in the formulation list, up XX in ranking. In contrast, Yixing Xingnong Chemical Products Co., Ltd. (No. XX

in the list) witnessed the steepest drop in revenue from USDXX million (RMBXXX million) in XXXX to USDXX million (RMBXXX million) in XXXX, down by XX.XX%.

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2.3.2 Geographical distribution of Top 100 Pesticide Formulation Enterprises

Through the analysis of the geographical distribution of XXXX China Top XXX pesticide formulation enterprises, it is known that Jiangsu Province had XX companies entering the list, with an aggregate sale of USDX.XX billion (RMBX.XX billion), up by XX% YoY, accounting for XX.XX% of the total and ranking the first out of XX provinces/regions in China. Guangdong Province ranked the second, still with only X companies on the list, hitting the revenue of USDX.XX billion (RMBX.XX billion), up by XX% YoY. Although Shandong Province has XX companies into the list, it claimed the third place, with a combined revenue reaching USDX.XX billion (RMBX.XX billion), up by XX.XX% YoY, accounting for XX.XX% of the total.

In XXXX, two enterprises from Guangdong Province still secured the top X in the list with exchanged ranking from last year, namely Guangdong Zhongxun Agri-science Corporation and Shenzhen Noposion Agrochemicals Co., Ltd.

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Table 2.3.2-1 Revenue of 2023 China Top 100 Pesticide Formulation Enterprises by province/region, 2022

No.	Province/Region	Pesticide revenue in 2022, million RMB	Pesticide revenue in 2022, million USD
X	XXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXX
X	XXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXX
X	XXXXXXXXXXXXXXXXXX	XXXXXX	XXXXXX
X	XXXXXX XXXXXXXXXXXX	XXXXXX	XXX
X	XXXXXXXXXXXXXXXXXXXXXX	XXXXXX	XXX
X	XXXXXXXXXXXXXXXXXX	XXXXXX	XXX
X	XXXXXXXXXXXXXXXXXX	XXXXXX	XXX
X	XXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXX	XXXXXX	XXX
X	XXXXXXXXXXXXXXXXXX	XXXXXX	XXX

XX	XXXXXX XXXXXXXXX	XXXXXX	XXX
XX	XXXXXXXX XXXXXXXXX	XXXXXX	XXX
XX	XXXXXX XXXXXXXXX	XXX	XXX
XX	XXXXXXXXXX XXXXXXXXXXXXX	XXX	XXX
XX	XXXXXXXX XXXXXXXXXXXXX	XXX	XXX
XX	XXXXXX XXXXXXXXX	XXX	XX
XX	XXXXXX XXXXXXXXX	XXX	XX
XX	XXXXXX XXXXXXXXX	XXX	XX
XX	XXXXXX XXXXXXXXX	XXX	XX
XX	XXXXXX XXXXXXXXX	XXX	XX
XX	XXXXXX XXXXXXXXX	XXX	XX
XXXXX		XXXXXX	XXXXX

Source:CCPIA & CCM

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2.4 China's Top crop protection brands in 2022

Since XXXX, the CCPIA has selected and awarded China crop protection popular pesticide brands based on multiple factors such as market sales, brand value, market share and product performance. These lists could not only reflect the market demand and development potential of the pesticide products, but also play an important role in measuring the strength of domestic products and predicting the domestic market. The list of popular pesticide brands in China in XXXX represents XX products made by XX enterprises, covering XX fungicide products, XX insecticide products, XX herbicide products, XX plant growth regulator products, XX biopesticide products, and XX blockbuster possible products.

Table 2.4-1 List of 2022 China Crop Protection Popular Herbicide Brands

No.	Enterprise	Brand	Active ingredient	Content	Type
X	XXXXXXXX XXXXXXXXXXXXXXXXXX XXXXX XXXXXXXXX XXXX XXXX	XXXXXX Jingtandi	XXXXXXXXXXXX XXXXXXXX	XXX XXX	XX
X	XXXXXXXXXX XXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXX	XX
X	XXXXXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXX	Lingsike·Dan	XXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XX
X	XXXX XXXXXXXX XXXX XXXX	XXXXXX	XXXXXXXXXXXXXX	XXX	XX
X	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	Hong'eryuan	Glufosinate-ammonium·Fluoroglycofen-ethyl	XXX	XX
X	XXXXXXXXXX XXXXXXXXXXXX XXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXXX	XXXXXXXXXXXXXXXXXX	XXX XXX	XX
X	XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXX XXXX XXXX	XXXXXXXXXX	Nicosulfuron·Mesotrione·Atrazine	XXX	XX
X	XXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXXXXXX	2,4-D-ethylhexyl·Atrazine·Acetochlor	XXX	XX
X	XXXXX XXXXXXXXX XXXXXXXXXXXXXX XXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXX XXXX	XXXXXXXXXXXX	XXX	XX
XX	XXXXXXX XXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXX	XXX	XX
XX	XXXXX XXXXXXXX	XXXXXX	XXXXXXXXXXXX	XX	XX

	XXXXX XXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXXXX			
XX	XXXXXXXX XXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXXXX	Penoxsulam·Metamifop	XXX	XX

Source:CCPIA & CCM

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Table 2.4-2 List of 2022 China Crop Protection Popular Fungicide Brands

No.	Enterprise	Brand	Active ingredient	Content	Type
X	XXXXXXXX XXXXXXXX XXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXX	Pydiflumetofen·Difenoconazole	XXX XXX	XX
X	XXXX XXXXXXXX XXXX XXXX	XXXXXXX	Pyraclostrobin·Fluxapyroxad	XXXXX	XX
X	XXXXXX XXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXX XXXX	XXXXXXXXXX	Prothioconazole·Tebuconazole	XXX	XX
X	XXXXXXXX XXXXXXXX XXXXXXXXXXXX XXXX XXXX	XXXXXXXX XXXXXXX	XXXXXXXXXXXXXXXXXXXX	XXX	XX
X	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXX	Trifloxystrobin·Tebuconazole	XXX	XX
X	XXX XXXXXXXX XXXX XXX XXXX XXXX	XXXXXXXXXX	XXXXXXXXXXXX	XXX XXX	XX
X	XXXXXX XXX XXXX XXXX	XXXXXXXX	XXXXXXXXXXXX	XXX	XX
X	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXXXX	Pyraclostrobin·Epoconazole	XXX	XX



X	XXXXXXXX XXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXX	XXX XX	XX
XX	XXXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX XXXXXXXX XXXXXX	XXXXXXXX	XXXXXXXXXXXX	XXX XX	XX
XX	XXXXXXXX XXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	Maitianxi	Tebuconazole·Albendazole	XXX XX	XX
XX	XXXXXXXX XXXXXX XXXXXXXXXXXXXXXX XXX	XXXXX	Metalaxyl-M·Fludioxonil·Azoxystrobin	XXX XX	XX
XX	XXXXXXXX XXXXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXX	XXXXXXXX	XXX XX	XX
XX	XXXXXXXX XXXXXX XXXXXXXX XXXX XXXX	XXXXXXXX	Kasugamycin·Thiodiazole XXXXXX	XXX XX	XX
XX	XXXXXXXX XXXX XXXXXXXX XXXX XXXX	XXXXXXXX	Kasugamycin·Oxine-copper	XXX XX	XX
XX	XXXXXXXX XXXXXXXXXXXXXXXX XXXXXXXX XXX XXXXXXXX XXXX XXXX	XXXXXXXX	Bromothalonil·Prochloraz	XXX XX	XX
XX	XXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXXXXXXX	Hymexazol·Metalaxyl	XX XX	XX
XX	XXXXXXXXXXXX XXXXXX XXXXXXXX XXXX XXXX	XXXXXX	Pyraclostrobin·Difenoconazole	XXX XX	XX
XX	XXXXXX XXXXXXXX XXXX	XXXXX XXXXXXXXX	Benzisothiazolinone·Oligosaccharins	XX XX	XX

	XXXX				
XX	XXXXXX XXXXXXXX XXXXXXXXXXXXXXXX XXXX XXXX	XXXXXX	Kasugamycin-Copper XXXXXXXX	XXX	XX
XX	XXXXXXXX XXXXXXXX XXXXXXXX XXXX XXXX	XXXXXXXXXXXX	XXXXXXXXXX	XXX XXX	XX
XX	XXXXXXXX XXXXXXXX XXXXXX XXXXXXXXXXXX XXXX XXX	XXXXXX	XXXXXXXXXXXXXX A-Tebuconazole	XXX	XX

Source:CCPIA & CCM

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