

# **China Pesticide Technical Price Report**

**The Third Edition**

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## 1. Introduction

In recent years, output decline in pesticide production has shown normalization in China, which should attribute to policies and measures taken by the Chinese government. China's demand for pesticides has been also declining. As a major pesticide production base, China enjoys sufficient pesticide supply and even experiences overcapacity in quite a few varieties. Consequently, domestic pesticide enterprises have paid more attention to overseas markets in the backdrop of declining domestic demand. As for pesticide consumption in China, it is expected that the consumption will depend more on foreign market in the future.

As known to all, oversupply existed in many pesticides in China. The Chinese government is now aware of the oversupply and severe damage to the environment and soil incurred by pesticide abuse. CCM believes that, with the help of policies and corresponding measures, the current decline in China's pesticide production is not a signal of stagnant market, but an inevitable process in building a healthier and standardized pesticide market in China.

In a bid to better present the overall price trend of pesticide technical in China, since 2015, CCM began to conduct regular price monitoring on 84 commonly used pesticide technical products, including 25 herbicide technical products, 34 insecticide technical products and 25 fungicide technical products. Based on these price data, as well as supply and demand of pesticides in China in recent years, major influencing factors were figured out and rough forecast on price trend of pesticide technical in 2019 was conducted by using forecast model.

In this report, you will obtain the following information:

- Overview of China's pesticide market from the perspective of supply and demand, 2008–2017
- Prices of 25 herbicide technical products in China, 2015–2017
- Prices of 34 insecticide technical products in China, 2015–2017
- Prices of 25 fungicide technical products in China, 2015–2017
- Influencing factor analysis and price trend forecast to 2019

## 2. Approach

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.

### - Internet

CCM contacted with players in the domestic agrochemical industry through B2B 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
- 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

From 2017 to date, under the condition of heavy environmental protection pressure, the market witnessed a shortage of pesticide technical and raw materials, which led to sharp rise in pesticide prices. Besides, demand from downstream sectors and international environment also had their shares in the price hike. As for the international environment, uncertainty of trade war between China and the US and fluctuations in the USD/CNY exchange rate are two specific factors. It is believed that influence of these factors would last until 2019, or even longer. And the price of pesticide technical in China may continue to rise.

In order to better present the overall price trend of pesticide technical in China, since 2015, CCM began to conduct regular price monitoring on 84 commonly used pesticide technical products, including 25 herbicide technical products, 34 insecticide technical products and 25 fungicide technical products. Based on these price data, as well as supply and demand of pesticides in China in recent years, major influencing factors were figured out and rough forecast on price trend of pesticide technical in 2019 was conducted by using forecast model.

Oversupply existed in many pesticides in China. The Chinese government is now aware of the oversupply and severe damage to the environment and soil incurred by pesticide abuse. CCM believes that, with the help of policies and corresponding measures, the current decline in China's pesticide production is not a signal of stagnant market, but an inevitable process in building a healthier and standardized pesticide market in China.

#### 4. What's in this report?

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

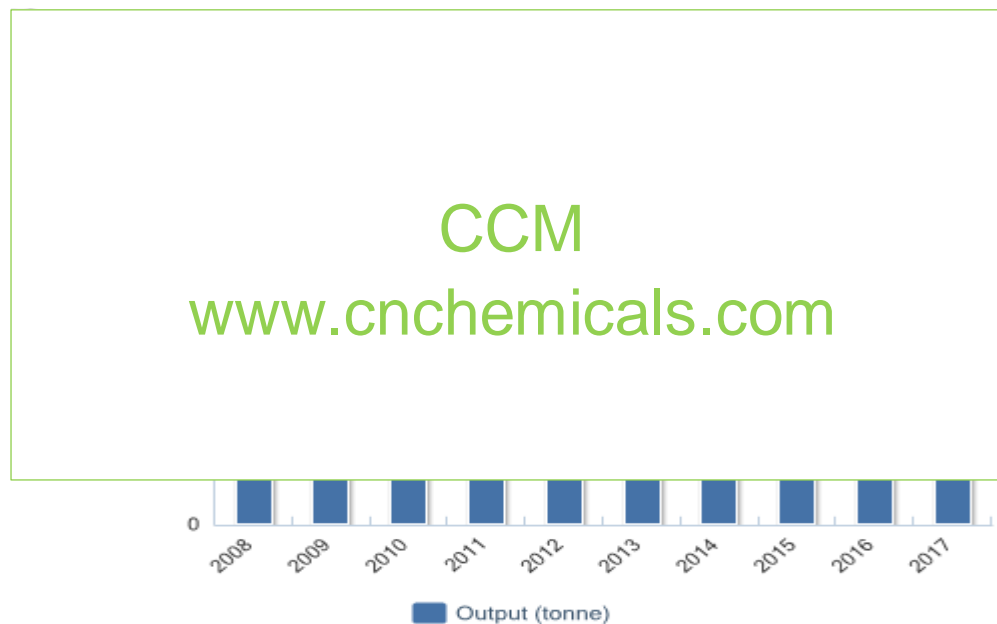
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##### 1.1 Supply

In recent years, output decline in pesticide production has shown normalization in China, which should attribute to policies and measures taken by the Chinese government. For production, environmental supervision was implemented to curb pesticide production. For consumption, restrictive or prohibited policies were...

...

Figure 1.1-1 Output of pesticide technical in China, 2008–2017



Source: National Bureau of Statistics of the People's Republic of China (NBS) & CCM

Table 1.1-1 Output of pesticide technical in China by product category, 2017

Category	Output, tonne	YoY change
Herbicides	XXXX	XXXX
Insecticides	XXXX	XXXX
Fungicides	XXXX	XXXX

Source: NBS

...

In 2015–2016, prices of herbicide technical in China showed a downward trend in the overall sluggish global pesticide market. In 2017, prices of pesticides in China generally...

...

Table 2.1-1 Annual ex-works prices of 25 herbicide technical products in China, 2017

No.	Product	Annual ex-works price, RMB/t	Annual ex-works price, USD/t
1	92% Acetochlor technical	XXXX	XXXX
2	97% Atrazine technical	XXXX	XXXX
3	96% Bensulfuron-methyl technical	XXXX	XXXX
4	92% Butachlor technical	XXXX	XXXX
5	95% Clomazone technical	XXXX	XXXX
6	95% Cyhalofop-butyl technical	XXXX	XXXX
7	97% Diuron technical	XXXX	XXXX
8	98% Fenclorim technical	XXXX	XXXX
9	95% Fenoxaprop-P-ethyl technical	XXXX	XXXX
10	96% Fluroxypyr technical	XXXX	XXXX
11	95% Fomesafen technical	XXXX	XXXX
12	95% Glyphosate technical	XXXX	XXXX
13	95% Haloxyfop-P-methyl technical	XXXX	XXXX
14	97% Metolachlor technical	XXXX	XXXX
15	95% Metsulfuron-methyl technical	XXXX	XXXX
16	95% Nicosulfuron technical	XXXX	XXXX
17	97% Oxyfluorfen technical	XXXX	XXXX
18	42% Paraquat TK	XXXX	XXXX
19	95% Pendimethalin technical	XXXX	XXXX
20	95% Pretilachlor technical	XXXX	XXXX
21	97% Pyrazosulfuron-ethyl technical	XXXX	XXXX

22	80% Quinclorac technical		XXXX	XXXX
23	95% Quizalofop-P-ethyl technical		XXXX	XXXX
24	95% Tribenuron-methyl technical		XXXX	XXXX
25	95% Trifluralin technical		XXXX	XXXX

Source: CCM

...

Table 3.2-1 Average growth rate of annual ex-works price of pesticide technical products in China, 2016–2019

Category	2016	2017	2018 est.	2019 est.
Herbicides	XXXX	XXXX	XXXX	XXXX
Insecticides	XXXX	XXXX	XXXX	XXXX
Fungicides	XXXX	XXXX	XXXX	XXXX

Note: The forecast was conducted by using gray forecast model based on price fluctuations of 25 herbicide technical, 34 insecticide technical and 25 fungicide technical products monitored by CCM in 2015–H1 2018.

Source: CCM

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