

Survey of Acetochlor in China

The Ninth Edition

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1. Introduction

In herbicide application nowadays, acetochlor still accounts for a large market share among selective herbicides applied in China. It can be used for pre-emergent control of annual weeds and some broadleaf weeds in the fields of corn, cotton, peanut, soybean, etc.

How will this industry go in the coming years? This report presents an overview of production, consumption and price of acetochlor in China, as well as a forecast on the product's future trend. You definitely will get some refreshing information on the acetochlor industry from the report.

This report will illustrate the details for readers through the following aspects:

- Product registration, as of 8 Sept., 2022
- Production situation (technology, capacity, output and key producers), 2020–2022E
- Prices of acetochlor technical, 2017–Sept. 2022
- Export analysis, H1 2022
- Domestic consumption, 2018–2022E
- Forecast on output and demand to 2027

2. Approach for this report

This report is drafted by diverse methods as follows:

Desk research

The sources of desk research are various, including published journals, government statistics, industrial statistics, customs statistics, as well as information from the Internet. Information obtained has been compiled and analysed. When necessary, checks will be made with players in China's acetochlor industry regarding market information such as key producers, production situation, and trend of product price.

Telephone interview

Extensive telephone interviews have been carried out in order to grasp the actual market situation of acetochlor in China.

Interviewees cover:

- Producers
- Traders

Internet search

CCM contacted with the players in the acetochlor industry through B2B websites and software.

Data processing and presentation

The data collected and compiled were sourced from:

- Published articles from periodicals, magazines and journals
- Statistics from local governments and international institutes
- Telephone interviews with domestic suppliers, traders, industrial experts
- Third-party data providers
- Information from the Internet

Data obtained 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 made in order to analyse the data and have conclusions drawn.

3. Executive summary

Acetochlor is mainly used to control weeds in the fields of corn, soybean, peanut and other crops in China.

Acetochlor is mainly used to control weeds in the fields of corn, soybean, peanut and other crops in China. As of 8 Sept., 2022, the number of registrations of acetochlor in China increased to XXX. The number for acetochlor technical maintained at XXX. As for acetochlor formulations, there were XXX for single formulations and XXX for mixed formulations, changing from XXX single formulations and XXX mixed formulations in Jan. 2021.

- Production

In recent years, acetochlor industry in China has experienced overcapacity. In 2022, domestic capacity of acetochlor technical is XXX t/a; the output is expected to stand at XXX tonnes. It is unlikely to see a capacity expansion of acetochlor technical in China in the next five years (2023–2027); the capacity may even go down further in the long run.

- Export

According to the export data from Tranalysis, in 2020, China exported XXX tonnes of acetochlor products. Major acetochlor products for export in 2020 were XXX, XXX, XXX, XXX and XXX.

According to export data of acetochlor technical and formulations updated by Tranalysis on 29 Sept., 2022, some XXX tonnes, or XXX tonnes (100% AI volume) of acetochlor products were exported to XXX, XXX, XXX, XXX, XXX, XXX, XXX and XXX in H1 2022. Of these countries, XXX was the largest export destination.

- Consumption

Acetochlor can be used for pre-emergent control of annual weeds and some broadleaf weeds. In 2022, the apparent consumption (calculated by 100% AI, the same below) is estimated at about XXX tonnes, XXX by some XXX year on year, and the actual consumption of acetochlor technical at about XXX tonnes. In 2022, corn, soybean and vegetables will remain the top three major end users of acetochlor, estimatedly accounting for about XXX, XXX, XXX, respectively.

It is estimated that the supply and demand of acetochlor technical in China will XXX. Domestic demand for acetochlor technical may XXX from XXX for XXX unit consumption of pesticides on crops and competition from its substitutes.

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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2.3 Production, 2018–2022E

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In recent years, acetochlor industry in China has experienced overcapacity—total capacity of acetochlor technical has remained much larger than the output. In 2022, domestic capacity of acetochlor technical is XXX t/a; the output is expected to stand at XXX tonnes, which means a XXX of XXX year on year.

Figure 2.3-1 Capacity and output of acetochlor technical (calculated by XX% technical) in China, 2018–2022E



Source: CCM

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3 Circulation

3.1 Price, 2017–Dec. 2021

The annual ex-works price of acetochlor technical in China declined in 2019 and 2020, but it soared to XXX in 2021, up by XXX year on year. Though the monthly ex-works price of acetochlor technical saw a XXX in 2022, the semi-annual ex-works price in H1 2022 still stood at a XXX level of XXX /t, and it is expected that the annual price in 2022 will be XXX than that in 2021.

In 2022, the monthly price of acetochlor technical in China started with...

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Figure 3.1-1 Annual ex-works price of 92% acetochlor technical in China, 2017–2021



Source: CCM

Figure 3.1-2 Monthly ex-works price of 92% acetochlor technical in China, Jan. 2020–Sept. 2022



Source: CCM

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4 Consumption, 2017–2021

Acetochlor can be used for pre-emergent control of annual weeds and some broadleaf weeds in the fields of corn, cotton, peanut, soybean, etc.

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Table 4-1 Apparent consumption of acetochlor technical in China, 2018–2022E

Year	Output (calculated by 92% technical), tonne	Output (calculated by 100% AI), tonne	Export (calculated by 100% AI), tonne	Apparent consumption (calculated by 100% AI), tonne
2018	XXX	XXX	XXX	XXX
2019	XXX	XXX	XXX	XXX
...
2022E	XXX	XXX	XXX	XXX

Source: China Customs & CCM

Table 4-2 Actual consumption of acetochlor in China by crop, 2022E

Crops	Consumption volume, tonne
Corn	XXX
XXX	XXX
...	...
XXX	XXX

Note: The consumption volume is calculated by 100% technical.

Source: CCM

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