

Market Research on China Phosphorus Industry

The Third Edition
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1. Introduction

Market Research on China Phosphorus Industry, finished in January 2018, is CCM's third edition report on China's phosphorus industry. This intelligent report attaches importance to the following parts:

- Global phosphate rock reserves and output.
- China's phosphate rock reserves, output, price and exports.
- China's phosphate fertilizer output, price and exports.
- China's yellow phosphorus capacity, output, price and exports.

2. Approach for this report

This report is based on data collected with diverse methods, which are listed as follows:

Desk research

This includes access to published magazines, journals, government, industry and 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. Data collected and compiled are variously sourced from:

- CCM's database
- Published articles from periodicals, magazines, journals, and third party database.
- Statistics from governments and international institutes
- Customs statistics
- Comments from industrial experts on various platforms
- Information from the Internet

Telephone interview targets

- Key producers
- Key traders
- Industrial associations
- Industrial experts

Data compilation and crosscheck

Data obtained from various sources have been combined and cross-checked to ensure that this report is as accurate and methodologically sound as possible.

3. Executive summary

Global output of phosphate rock was in an upward trend during 2010–2016, growing at a CAGR of XXX. China's output of phosphate rock was growing at annual growth rates of above XXX from 2011 to 2015. In 2016, the output of phosphate rock increased only by XXX year on year due to oversupply in the market.

Global phosphate rock reserves are primarily distributed in Morocco and Western Sahara. In China, most of the phosphate rock reserves are distributed in Hubei, Yunnan, Guizhou, Hunan, and Sichuan provinces.

China's exports of phosphate rock were increasing during 2015 to 2017, after the Chinese government adjusted the export tariff of phosphate rock from XXX to XXX. Meanwhile, the exports of yellow phosphorus were decreasing.

The ex-works prices of monoammonium phosphate (MAP), diammonium phosphate (DAP) and yellow phosphorus increased in H2 2017.

Currently, most of China's phosphorus industry producers are located in Hubei, Yunnan, Guizhou, and Sichuan provinces, etc.

4. What is in the report?

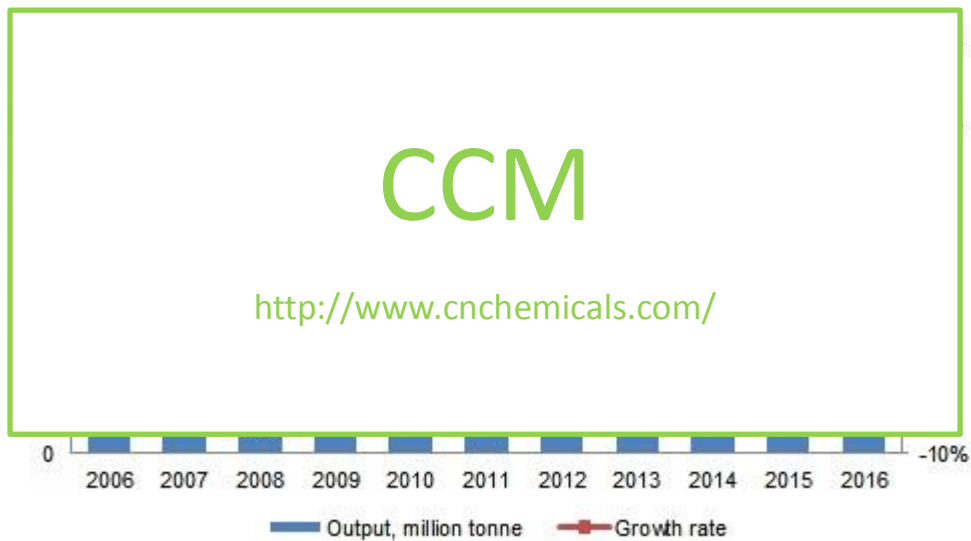
Note: Key data/information in this sample page is hidden, while in the report it is not.

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1.1 Overview of global phosphate rock

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Figure 1.1-1 Global phosphate rock output, 2006–2016



Source: United States Geological Survey (USGS) & Ministry of Land and Resources of the People's Republic of China (MLR)

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1.2.1 Distribution of phosphate rock reserves, 2016

In 2016, the proven phosphate rock reserves in China were XXX billion tonnes, increased by XXX% year on year. Most of the phosphate rock reserves in China are distributed in Hubei, Yunnan, Guizhou, Hunan, and Sichuan provinces.

Figure 1.2.1-1 Distribution of phosphate rock reserves in China by region, 2016



Source: CCM

Table 1.2.1-1 Average P₂O₅ content of phosphate rock in China by region, 2016

Region	Average P ₂ O ₅ content
Hubei Province	XXX
Guizhou Province	XXX
Yunnan Province	XXX
Sichuan Province	XXX
Hunan Province	XXX

Source: CCM

1.2.2 Output of phosphate rock, 2011–2017E

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Figure 1.2.2-1 Output of phosphate rock in China, 2011–2017E



Note: The output of phosphate rock in 2017 is full-year estimation in this figure.

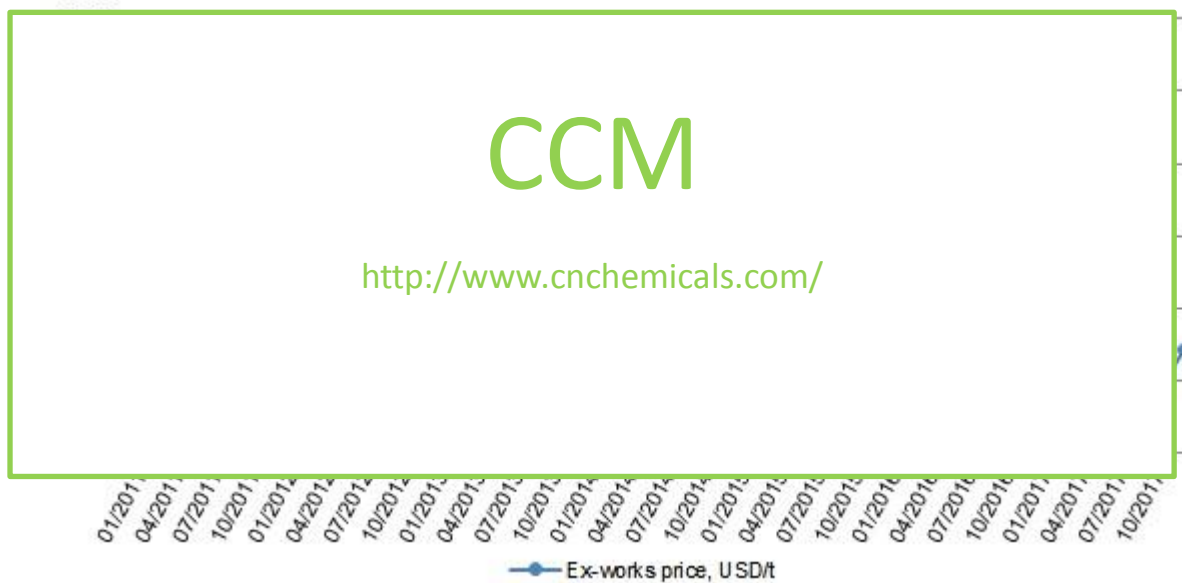
Source: MLR, CCM

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1.2.3 Price of phosphate rock, 2011–2017

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Figure 1.2.3-1 Monthly ex-works price of 30% phosphate rock in China, Jan. 2011–Dec. 2017



Source: CCM

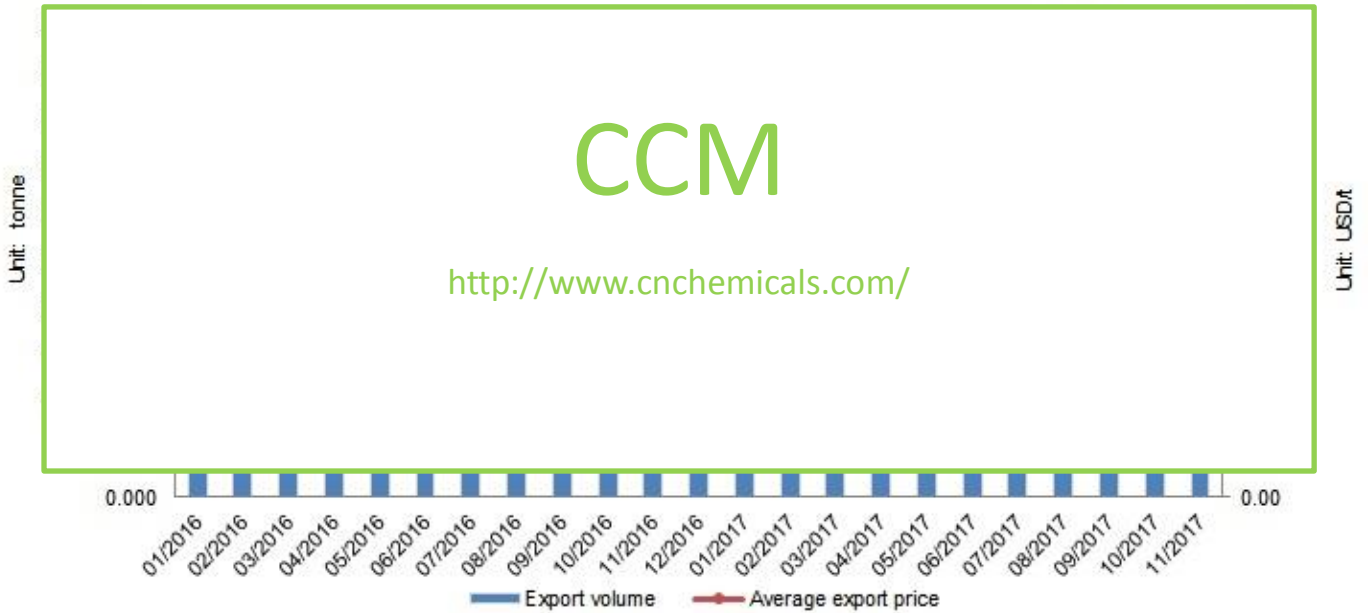
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2.3 Export analysis of phosphate fertilizers, 2012–Nov. 2017

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Figure 2.3-2 Monthly exports of monoammonium phosphate (MAP) from China, Jan. 2016–Nov. 2017



Source: China Customs, CCM

Figure 2.3-3 Monthly exports of diammonium phosphate (DAP) from China, Jan. 2016–Nov. 2017



Source: China Customs, CCM

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3 Yellow phosphorus in China

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3.1 Price of yellow phosphorus, 2012–2017

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Figure 3.2-2 Monthly ex-works price of yellow phosphorus in China by region, Jan. 2016–Dec. 2017



Source: CCM

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