

Yunnan is the largest production base in China, accounting for [REDACTED] of China's total yellow phosphorus capacity in Sept. 2010.

Table II-1-2 Output of yellow phosphorus in different provinces in China, 1999-2009, tonne

Year	Yunnan	Guizhou	Sichuan	Hubei
1999	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2000	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2001	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2002	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2003	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2004	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2005	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2006	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2007①	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2008①	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2009①	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

Source: CCM International

Table IV-3 Yellow phosphorus export situation in different provinces in China in 2009, tonne

Province	Export volume'09	Output '09	Share
Yunnan	[REDACTED]	[REDACTED]	[REDACTED]
Sichuan	[REDACTED]	[REDACTED]	[REDACTED]
Guizhou	[REDACTED]	[REDACTED]	[REDACTED]
Hubei	[REDACTED]	[REDACTED]	[REDACTED]
Total	[REDACTED]	[REDACTED]	[REDACTED]

Source: CCM International

➤ Price in the following five years

CCM predicts that the price of yellow phosphorus will increase a little in the following two to three years and then will increase to around [REDACTED], with the forecast made based on the following factors.

III-2-2-2 Overview of phosphorus trichloride industry

The production of PCl_3 started during the 1970s, with the development of pesticide and it was produced by pesticide manufacturers themselves. At the beginning, PCl_3 was consumed by the manufacturers themselves in the production of pesticide and it was not sold to others. The sales of PCl_3 didn't begin until 1990s.

The output of PCl_3 in 1990 was [REDACTED] tonnes and it came to [REDACTED] tonnes in 1999, increasing by [REDACTED] in production volume. In 2000, the output reached [REDACTED] tonnes. The output of PCl_3 in 2008 reached [REDACTED] tonnes boosted by glyphosate production. And in 2009 this volume reaches [REDACTED] tonnes, with CAGR of [REDACTED] during 2000-2009.

Table III-1-2-1 Yellow phosphorus consumption situation by province in China, 2009, tonne

Province	Thermal phosphoric acid	Phosphorus trichloride	Others	Total	Output of yellow phosphorus
Yunnan	██████	█	██████	██████	██████
Jiangsu	██████	██████	██████	██████	█
Sichuan	██████	██████	██████	██████	██████
Guangxi	██████	█	██████	██████	██████
Hubei	██████	██████	██████	██████	██████
Shandong	██████	██████	██████	██████	█
Guizhou	██████	█	██████	██████	██████
Zhejiang	██████	██████	██████	██████	█
Others	██████	██████	██████	██████	██████
Total	██████	██████	██████	██████	██████

Source: CCM International