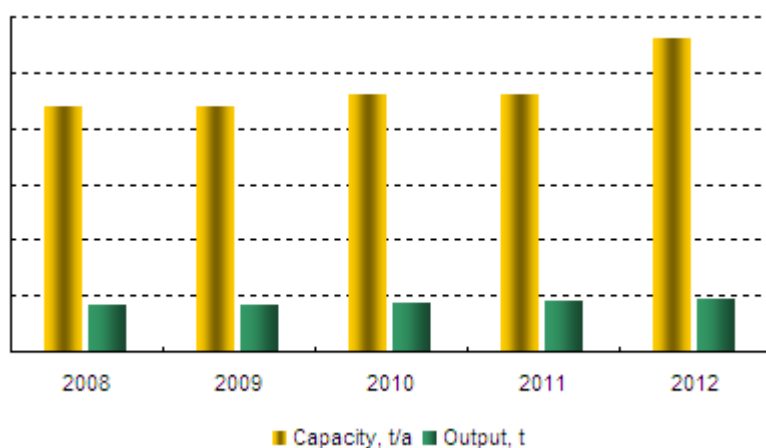


Note: Key data/information in this sample page is hidden, while in the report it is not.

### 3.2.2 Capacity and output in 2008-2012

The capacity and output of phytol has continued to increase in the past five years, with CAGRs of  $\times\times\times\%$  and  $\times\times\times\%$  respectively. In 2012, the phytol production capacity was  $\times\times\times$  t/a and its output  $\times\times\times$  tonnes. The average capacity utilization is only about  $\times\times\times\%$ , as output is restricted by the small downstream demand.

Figure 3.2.2-1 Capacity and output of phytol in China, 2008-2012



Source: CCM

Table 3.2.2-1 Capacity & production situation of phytol producers in China, 2008–2012

No.	Company name	Capacity' 12, t/a	Capacity' 11, t/a	Capacity' 10, t/a	Capacity' 09, t/a	Capacity' 08, t/a	Output' 12, t	Output' 11, t	Output' 10, t	Output' 09, t	Output' 08, t
1	Zhejiang Fengming	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$
2	.....	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$
5	Shandong Hanxing	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$
Others		$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$
<b>Total</b>		$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$	$\times\times\times$

Source: CCM

Table 3.2.2-2 Share of phytol output by producers in China, 2012

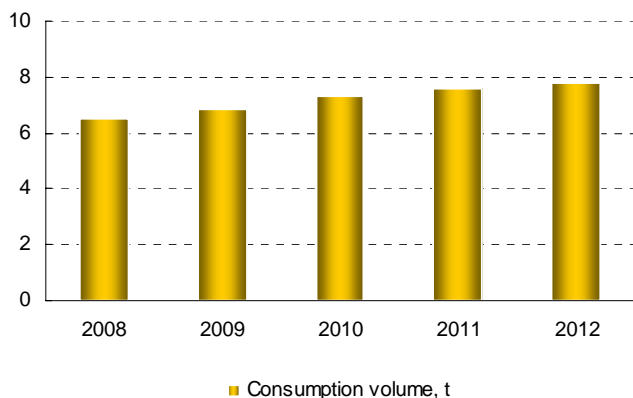
No.	Company name	Share
1	Shandong Guantongbao	$\times\times\times$
2	.....	$\times\times\times$
5	Hangzhou Electrochemical	$\times\times\times$

Source: CCM

### 3.3 Consumption situation

Natural phytol was mainly applied in the production of vitamin K1, food additives, cosmetics and products in other fields in China in 2012. The total consumption volume had risen to  $\times\times\times$  tonnes in 2012, increasing by  $\times\times\times$  tonnes over 2008, with a CAGR of  $\times\times\times\%$ .

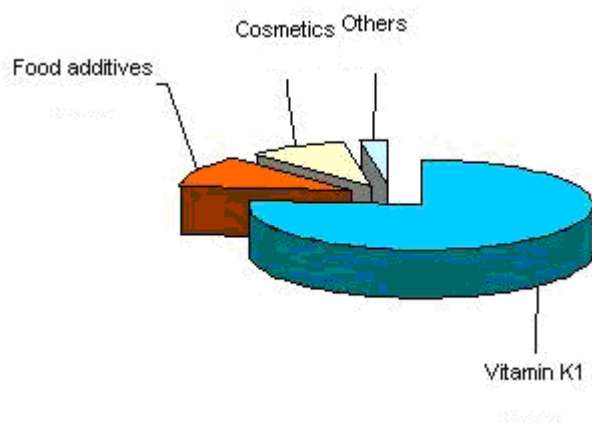
Figure 3.3-1 Consumption volume of natural phytol in China, 2008–2012



Source: CCM

Vitamin K1 is the largest consumer of phytol in China in 2012, accounting for  $\times\times\times\%$  of the total consumption volume. At present, only Vitamin K1 produced from natural phytol can meet the requirements of the Chinese Pharmacopoeia issued in 2005. Thus, natural phytol is currently playing an irreplaceable role in the production of vitamin K1 in China, even though natural phytol is expensive.

Figure 3.3-2 Consumption pattern of natural phytol by volume in China, 2012



Source: CCM