

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

2 Supply & demand of chlorpyrifos in China

2.2 Current production situation (capacity, output, key players, etc.)

2.2.2 Summary of chlorpyrifos technical production, 2008-May 2012

Table 2.2.2-3 Capacity and output of main chlorpyrifos technical producers in China, as of May 2012

No.	Manufacturer	Status May 2012	Capacity, t/a					Output, tonne			
			As of May 2012	2011	2010	2009	2008	2011	2010	2009	2008
1	Nanjing Redsun	Active	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
2	XXX	Active	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
3	XXX	Active	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
4	XXX	Active	XXX	15,000	XXX	XXX	XXX	XXX	XXX	XXX	XXX
5	XXX	Active	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
6	XXX	Active	XXX	5,000	5,000	-	XXX	XXX	XXX	XXX	XXX
7	XXX	Active	XXX	XXX	5,000	XXX	3,000	XXX	XXX	XXX	XXX
8	XXX	Active	XXX	XXX	XXX	4,000	XXX	1,200	XXX	XXX	XXX
9	XXX	Active	XXX	3,000	XXX	XXX	500	XXX	1,000	XXX	XXX
10	XXX	Active	XXX	XXX	XXX	XXX	XXX	XXX	XXX	600	700
...
XXX	XXX	Idle	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX
XXX	XXX	Idle	XXX	2,000	XXX	2,000	XXX	-	-	800	XXX
XXX	XXX	Idle	XXX	XXX	3,000	XXX	3,000	-	-	XXX	1,000
XXX	XXX	Stopped	-	-	-	500	XXX	-	-	XXX	200
XXX	XXX	Stopped	-	-	-	-	1,000	-	-	-	XXX
Total			XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX

Note: 1.Manufacturers are ranked by output 2011.

2. There are another XXX producers which have stopped chlorpyrifos production including XXX.

Source: CCM International

Table 2.2.2-5 Output and capacity distribution of chlorpyrifos technical in China, 2011-May 2012

No.	Province	Producer number	Capacity, 2011		Output, 2011	
			Volume, tonne	Share	Volume, tonne	Share
1	Jiangsu	XXX	XXX	XXX	XXX	XXX
2	Hubei	XXX	XXX	XXX	XXX	XXX
3	Zhejiang	XXX	XXX	XXX	XXX	XXX
4	Shandong	XXX	XXX	XXX	XXX	XXX
5	Anhui	XXX	XXX	XXX	XXX	XXX
6	Guangdong	XXX	XXX	XXX	XXX	XXX
7	Shanxi	XXX	XXX	XXX	XXX	XXX
8	Sichuan	XXX	XXX	XXX	XXX	XXX
9	Henan	XXX	XXX	XXX	XXX	XXX
10	Liaoning	XXX	XXX	XXX	XXX	XXX
Total			XXX	XXX	XXX	XXX

Note: Provinces are ranked by output volume 2011.

Source: CCM International

2.2.3 Summary of chlorpyrifos formulation production, 2006-2011

Table 2.2.3-1 Major producers of chlorpyrifos formulations in China, 2010-2011

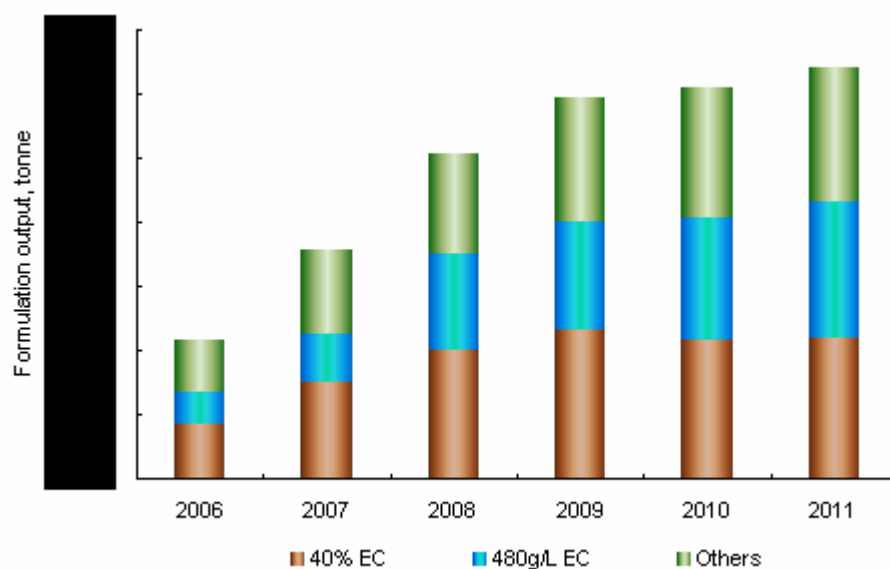
No.	Manufacturer	Output 2011, tonne				Output 2010, tonne				Technical source
		40% EC	480g/L EC	Others	Total	40% EC	480g/L EC	Others	Total	
1	Nanjing Redsun	XXX	2,500	XXX	XXX	XXX	1,400	XXX	XXX	XXX
2	XXX	XXX	XXX	1,200	XXX	1,000	XXX	900	XXX	XXX
3	XXX	XXX	XXX	XXX	XXX	XXX	600	XXX	XXX	XXX
4	XXX	XXX	900	600	XXX	1,000	XXX	800	XXX	XXX
5	XXX	XXX	XXX	600	XXX	XXX	1,000	XXX	XXX	XXX
6	XXX	XXX	600	XXX	XXX	400	XXX	800	XXX	XXX
7	XXX	XXX	-	700	XXX	XXX	-	XXX	XXX	XXX
8	XXX	XXX	XXX	XXX	XXX	600	XXX	500	XXX	XXX
...	...	XXX	500	200	XXX	XXX	-	-	XXX	XXX
...	...	XXX	-	XXX	XXX	-	XXX	XXX	XXX	XXX
...	...	XXX	100	-	XXX	XXX	100	-	XXX	XXX
Total		XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	/

Note: 1. Manufacturers are ranked by total output 2011.

2. The following manufacturers produce chlorpyrifos formulations only: XXX (XXX), XXX (XXX), ..., XXX(XXX)

Source: CCM International

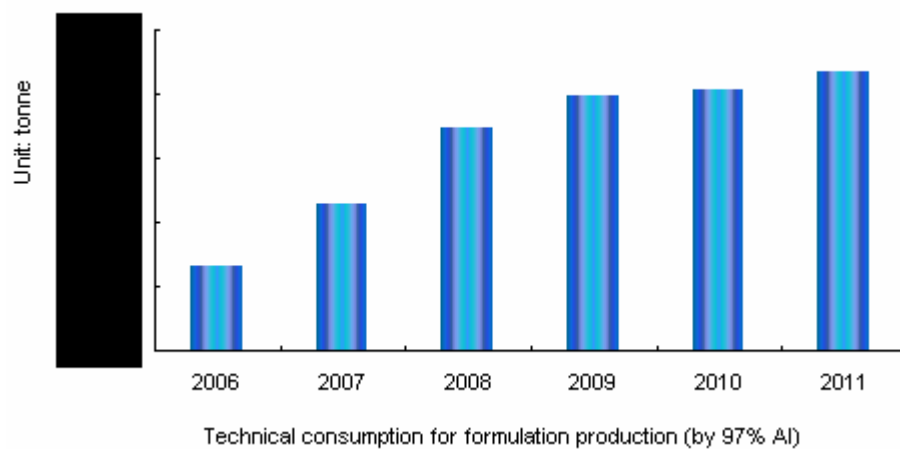
Figure 2.2.3-1 Production situation of chlorpyrifos formulations in China, 2006-2011



Note: Others mainly include mixed formulations like 20% EC, 25% EC, 30% EW and so on.

Source: CCM International

Figure 2.2.3-2 Chlorpyrifos technical consumption for formulation production in China, 2006-2011



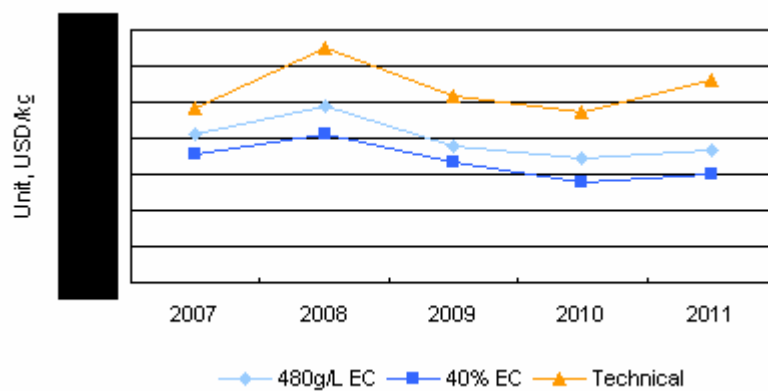
Source: CCM International

2.4 Circulation

2.4.1 Trade

2.4.1.1 Export situation, 2008-2011

Figure 2.4.1.1-2 Average export price situation of chlorpyrifos in China, 2007-2011



Note: The above price for each year refers to the average export price of the whole year.

Source: General Administration of Customs of the PRC; CCM International

Table 2.4.1.1-1 Export situation of chlorpyrifos by quantity, price and value in 2011

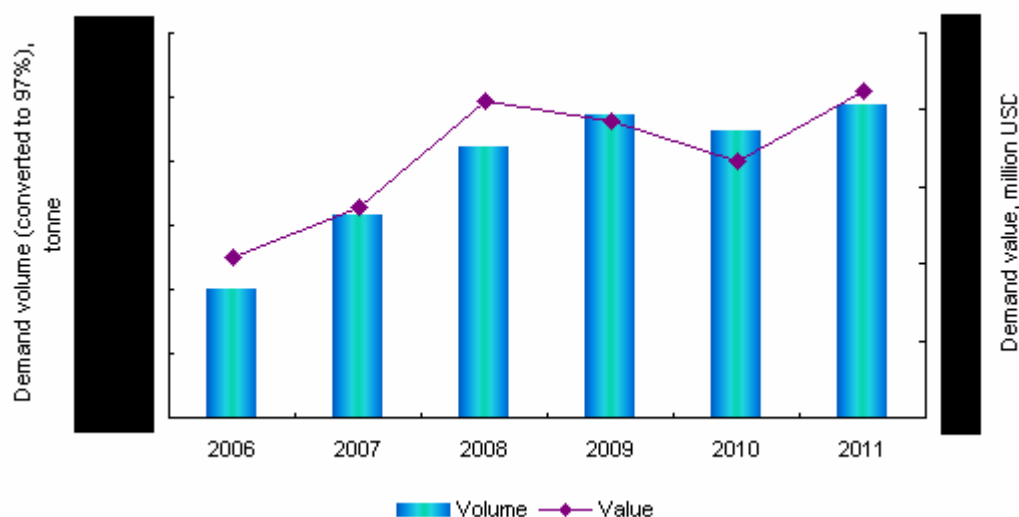
Month	40% EC		480g/L EC		Technical		Value, USD
	Quantity, kg	Price, USD/kg	Quantity, kg	Price, USD/kg	Quantity, kg	Price, USD/kg	
January	XXX	XXX	XXX	XXX	XXX	XXX	XXX
February	XXX	XXX	XXX	XXX	XXX	XXX	XXX
March	XXX	XXX	XXX	XXX	XXX	XXX	XXX
April	XXX	XXX	XXX	XXX	XXX	XXX	XXX
May	XXX	XXX	XXX	XXX	XXX	XXX	XXX
June	XXX	XXX	XXX	XXX	XXX	XXX	XXX
July	XXX	XXX	XXX	XXX	XXX	XXX	XXX
August	XXX	XXX	XXX	XXX	XXX	XXX	XXX
September	XXX	XXX	XXX	XXX	XXX	XXX	XXX
October	XXX	XXX	XXX	XXX	XXX	XXX	XXX
November	XXX	XXX	XXX	XXX	XXX	XXX	XXX
December	XXX	XXX	XXX	XXX	XXX	XXX	XXX
Total	XXX	XXX	XXX	XXX	XXX	XXX	XXX

Source: General Administration of Customs of the PRC; CCM International

2.5 Chlorpyrifos demand in China

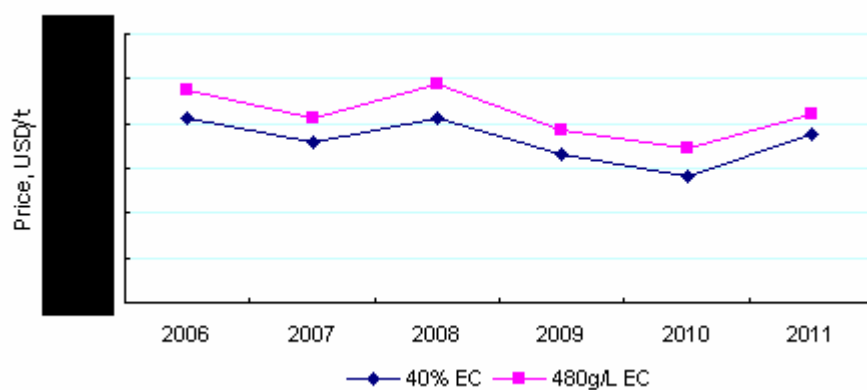
2.5.1 Demand summary (volume and value), 2006-2011

Figure 2.5.1-1 Demand for chlorpyrifos (converted to 97% technical) in China, by volume & value, 2006-2011



Source: CCM International

Figure 2.5.1-2 Annual average market price of chlorpyrifos formulations in China, 2006-2011

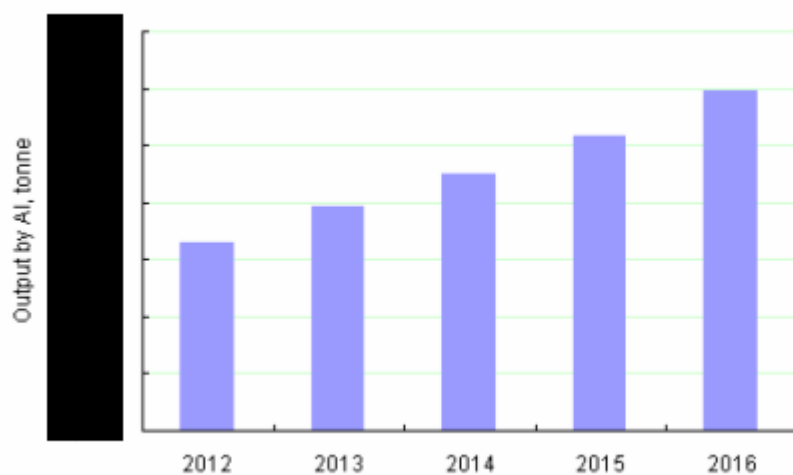


Source: CCM International

3 Forecast on the chlorpyrifos industry in China, 2012-2016

3.2 Supply and demand forecast, 2012-2016

Figure 3.2-1 Output forecast of chlorpyrifos technical in China, 2012-2016



Note: Output = domestic demand + export – import

Output forecast is based on the demand and export data, and the import volume is assumed to remain at around XXX tonnes per year in 2012-2016.

Source: CCM International