

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

## 2 Supply & demand of chlorpyrifos in China

### 2.2.2 Summary of technical production, 2008-July 2013

Table 2.2.2-3 Capacity and output of main chlorpyrifos technical producers in China, 2008-H1 2013

No.	Enterprise	201301		2012		.....	2008	
		Capacity (t/a)	Output (tonne)	Capacity (t/a)	Output (tonne)	.....	Capacity (t/a)	Output (tonne)
1	Nanjing Redsun Co., Ltd.	■	■	■	■	.....	■	■
2	■	■	■	■	3,000	.....	■	■
3	■	■	■	10,000	■	.....	■	■
.....	.....	.....	.....	.....	.....	.....	.....	.....
29	Hubei Sanonda Co., Ltd.	■	■	■	■	.....	■	■

Note: 1. 201301 means H1 2013;

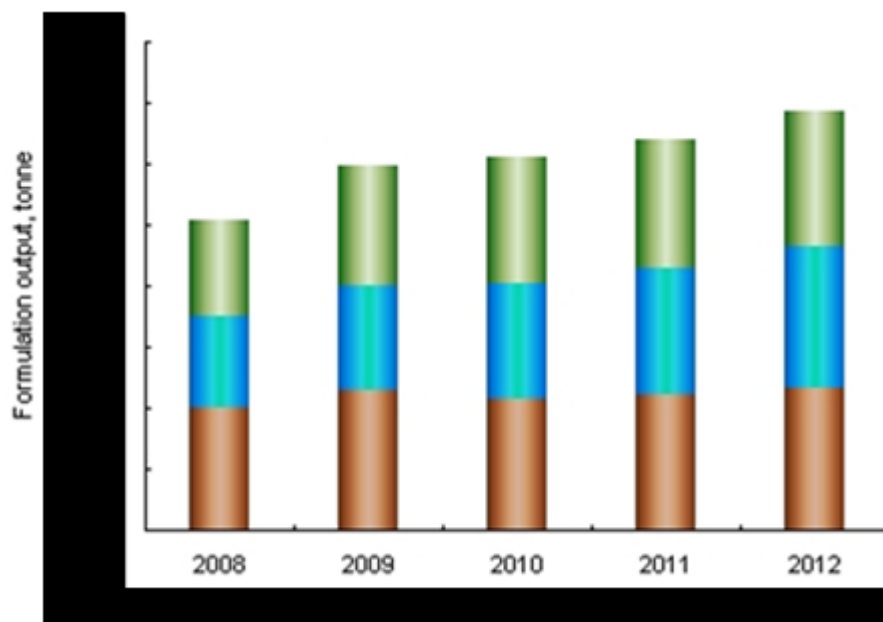
2. Manufacturers are ranked by capacity H1 2013;

3. There are another 10 producers which have stopped chlorpyrifos production including xxx, xxx, xxx., xxx, xxx, Jiangsu Huangma Agrochemicals Co., Ltd., xxx, xxx, xxx, xxx.

Source: CCM

### 2.2.3 Summary of formulation production, 2008-2012

Figure 2.2.3-1 Output of chlorpyrifos formulations in China, 2008-2012



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

Source: CCM

## 2.3 Supply of key raw materials & intermediates of chlorpyrifos

### 2.3.1 Trichloroacetyl chloride

Table 2.3.1-1 Capacity and output of major trichloroacetyl chloride producers in China, 2011-2012

No.	Enterprise	2012		2011	
		Capacity (t/a)	Output (tonne)	Capacity (t/a)	Output (tonne)
1	Hubei Qinong Chemical Co., Ltd.	■	■	■	■
2	■	■	■	■	■
3	■	■	7,000	■	■
.....	.....	.....	.....	.....	.....
10	■	2,000	■	■	■

Source: CCM

## 2.4 Circulation

### 2.4.1.1 Export, 2008-2012

Table 2.4.1.1-1 Export of chlorpyrifos by month in China, 2012

Month	95% chlorpyrifos technical		96% chlorpyrifos technical		.....	Chlorpyrifos 480g/L EC	
	Quantity (tonne)	Price (USD/kg)	Quantity (tonne)	Price (USD/kg)		Quantity (tonne)	Price (USD/kg)
01	208.208	■	■	■	.....	■	■
02	■	■	■	6.15	.....	■	■
03	■	■	■	■	.....	■	■
.....	.....	.....	.....	.....	.....	.....	.....
12	■	■	■	■	.....	■	■

Source: China Customs and CCM

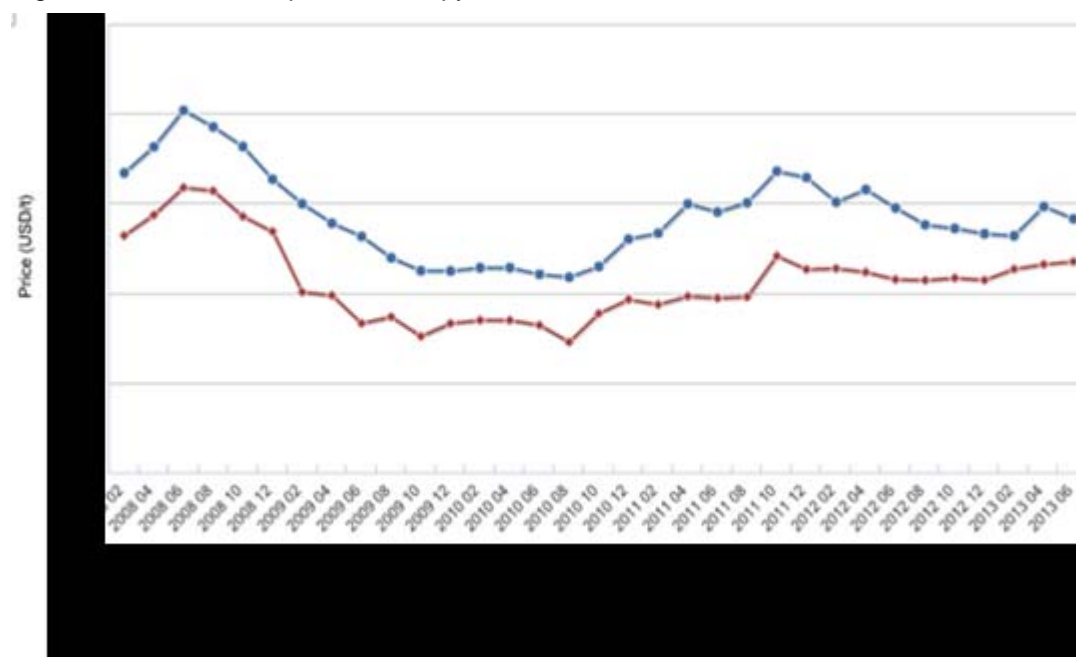
Table 2.4.1.1-10 Export destinations of chlorpyrifos in China, 2012

No.	Destination	400g/L EC		.....	97% technical		Value, USD
		Quantity, tonne	Price, USD/kg		Quantity, tonne	Price, USD/kg	
1	Argentina	■	■	.....	■	■	■
2	■	107.187	■	.....	■	■	■
3	■	■	■	.....	■	6.70	■
.....	.....	.....	.....	.....	.....	.....	.....
20	Australia	■	■	■	■	■	■
Others		■	■	■	■	■	■
<b>Total</b>		■	■	■	■	■	■

Source: China Customs and CCM

## 2.4.2 Prices, 2008-June 2013

Figure 2.4.2-2 Ex-work price of chlorpyrifos 95% technical and XXX, Jan. 2008-June 2013



Source: CCM

## 2.7 Introduction to chlorpyrifos' substitutes

Table 2.7-2 Key pyrethroids technical manufacturers in China, 2012

No.	Manufacturer	Pyrethroids	Capacity '12, t/a	Output '12, t
1	Jiangsu Yangnong Chemical Co., Ltd.	■, ■, ■, permethrin, ■, ■, ■, ■	■	■
2	■	■, ■, ■, ■, ■, ■	■	■
3	■	■, ■, ■, ■, ■, ■	1,550	■
4	■	■, ■	■	■
5	■	■, ■, ■, ■, ■, ■	■	■
6	■	■, ■, ■, ■	■	325
7	■	■, ■, ■, ■	■	■
8	■	■, ■, ■, ■	■	■
9	Guangdong Yingde Greatchem Chemicals Co., Ltd.	■, ■, ■	■	■

Source: CCM