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

4 Supply and demand of pyrethroids in China

4.1 Summary of supply and demand

4.1.1 Supply summary

4.1.1.1 - Production situation (capacity and output), 2008~2010

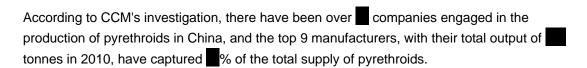
Table 4.1.1.1-1 Production situation of key pyrethroids in China, as of May 2011, capacity: t/a, output: tonne

Draduct	Capacity	Capacity	Capacity	Output	Output 100	Output '08	
Product	'11	'10	'09	'10	Output '09		
Lambda-cyhalothrin							
Bifenthrin							
Alpha-cypermethrin			400				
Beta-cyfluthrin				570			
Deltamethrin							
Cypermethrin						745	
Fenpropathrin							
Fenvalerate							
Esfenvalerate							
Cyfluthrin							
Permethrin							
Beta-cypermethrin							
Others							
Total							

Note: Production situation of key pyrethroids are ranked by output'10

Source: CCM International

4.1.1.2 - Key manufacturers



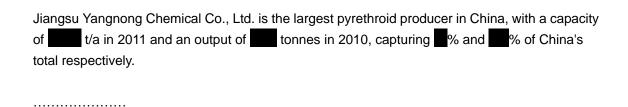


Table 4.1.1.2-2 Production situation of China's top 9 pyrethroid producers, as of May 2011, capacity: t/a, output: tonne

Manufacturer	Capacity '11	Capacity '10	Capacity '09	Output '10	Output '09	Output '08
Jiangsu Yangnong Chemical Co., Ltd.						
SubTotal						
Others						
Total						

Note: Pyrethroid producers are ranked by output'10

Source: CCM International

4.1.2 Demand summary

4.1.2.1 Consumption volume and value

After more than 30 years on the market, the role of pyrethroids in modern pest control is still significant today. Synthetic pyrethroids still represent the 3rd-largest class of chemical insecticides just behind organophosphates and neonicotinoids insecticides, accounting for almost of the market value.

Table 4.1.2.1-1 Consumption situation of pyrethroids calculated by AI, volume(tonne) and share, 2008-2010

Year	Corn	Wheat	Rice	Cotton	Fruits	Vegetable & melons Tea		Others	Non-crop use	Total
0000										
2008										
2009										
2242										
2010										

Source: CCM International

4.2 Supply and demand of key products

4.2.1 Lambda-cyhalothrin

4.2.1.1 - Registration

According to the Institute for Control of Agrochemicals, Ministry of Agriculture (ICAMA), as of
May 9, 2011, totally effective products of lambda-cyhalothrin have been registered in China
i.e., technicals [including 1 technical concentration(TC)], single formulations and
mixed formulations.

Table 4.2.1.1-1 Regional distribution of lambda-cyhalothrin technical registrations in China, by May 2011

	Registration
Region	number
Jiangsu	
Guangdong	2
Anhui	
Shanghai	
Hunan	
Hubei	
Henan	
Hebei	
Zhejiang	
Overseas	
Total	

Source: Institute for Control of Agrochemicals, Ministry of Agriculture (ICAMA) and CCM International

4.2.1.2 - Production situation (capacity, output, key producers, etc.)

Up to May 2011, over companies have owned the capacity for lambda-cyhalothrin technical production. However, owing to severe competition and gloomy oversea market, some manufacturers have been gradually phased out. Nowadays, merely around companies still maintain their production lines of lambda-cyhalothrin technical, with the total capacity of companies......

Table 4.2.1.2-2 Capacity and output of lambda-cyhalothrin technical producers in China, as of May 2011

No.	Company		Capacity		Output			
NO.		2011	2010	2009	2010	2009	2008	
1	Jiangsu Huangma							
2	Guangdong Yingde	<u> </u>						
3	Nanjing Redsun							
4	Anhui Huaxing	<u> </u>						
5	Jiangsu Changlong	<u> </u>						
6								
7		<u> </u>			130	75		
8		<u> </u>			95	50		
9		<u> </u>			20	10		
10		<u> </u>						
11					80	60		
12								
13		350						
14		150			30	50		
15		100			60	65		
16		100						
17								
18								
19								
20								
Total	1							

Source: CCM International

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Table 4.2.1.4-2 Export destination of China's lambda-cyhalothrin, 2010, Kg

Country	95% Tech.	25g/L EC	50g/L EC	10% WP	Al 100% Volume
Argentina					
India					
Israel					
Egypt					
United States					
Pakistan					
Turkey					
Indonesia					
Russia					
Germany					
Others	176,539	1,588,817	163,362	29,639	227,639
Total					

Source: CCM International