

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

1 Overview of China's pesticide industry

Table 1.4.1-1 Output structure of pesticides by volume (by 100% technical) in China, 1986-2013 ('000 tonne)

Year	Insecticide		Fungicide		Herbicide		Others		Total output
	Output	Share	Output	Share	Output	Share	Output	Share	
1986	74								
1990		78.85%							
1994			25						
1995				14.56%					
1996					60				
1997						17.01%			
1998							8		
1999								1.54%	
2000									596
...									
...									
...									
...									
...									
...									
...									
2011									
2012									
2013									
CAGR '07-'13									

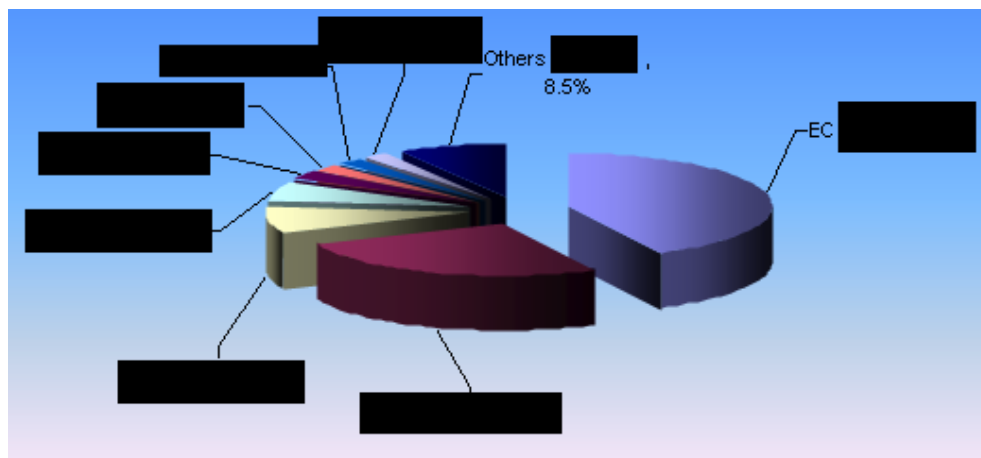
Source: National Bureau of Statistics of China

Table 1.4.1-2 Output value of pesticides in China (by 100% technical), 2007-2013, million USD

Year	Insecticides		Fungicides		Herbicides		Others		Total
	Value	Share	Value	Share	Value	Share	Value	Share	
2007	4,310								
2008		31.4%							
2009									
2010									
2011									
2012									
2013									
CAGR '07-'13									

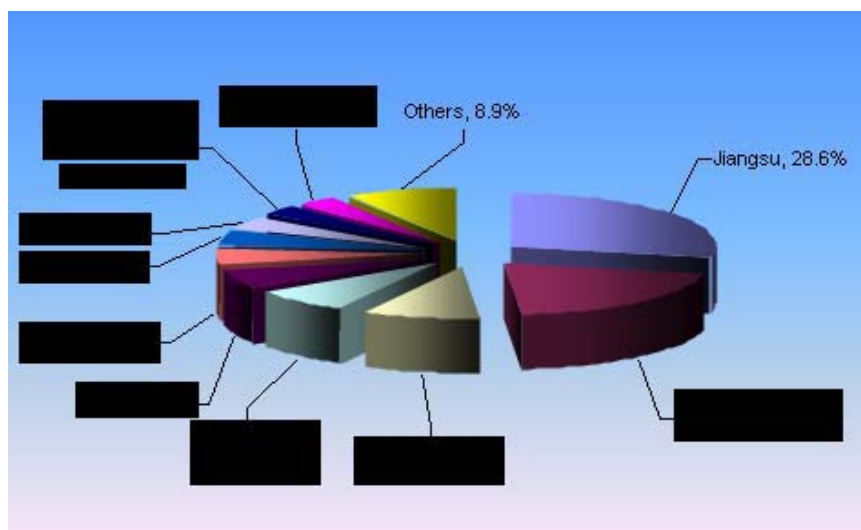
Source: CCM

Figure 1.4.1-2 Valid registrations of pesticide formulations (number and share) by types in China, as of Jan. 2014



Source: ICAMA

Figure 1.4.1-3 Output share of pesticide technical in major regions of China, 2013



Source: National Bureau of Statistics of China

Table 1.4.1-4 Consumption volume (by technical) of pesticides in China, 2006-2013, tonne

Year	Herbicides	Insecticides	Fungicides	Others	Total
2006	█	█	█	█	█
2007	█	145,100	█	█	█
2008	█	█	█	█	█
2009	█	█	█	█	█
2010	█	█	█	█	█
2011	█	█	█	█	█
2012	█	█	█	█	█
2013	█	█	█	█	█
CAGR '06-'13	█	█	█	█	█

Source: CCM

Table 1.4.3-1 Actual consumption of main pesticides in China (converted to technical), 2013, tonne

No.	Herbicide	Actual consumption	Insecticide	Actual consumption	Fungicide	Actual consumption
1	Glyphosate	█	Chlorpyrifos	█	Mancozeb	█
2	Acetochlor	█	Dichlorvos	█	Carbendazim	█
3	Paraquat	█	Phoxim	█	Thiophanate-methyl	█
4	Atrazine	█	Trichlorfon	█	Isoprothiolane	█
5	2,4-D	█	Triazophos	█	Triadimefon	█
6	Butachlor	█	Monosultap	█	Chlorothalonil	█
7	Metolachlor	█	Phorate	█	Tebuconazole	█
8	Ametryn	█	Omethoate	█	Zineb	█
9	Pendimethalin	█	Imidacloprid	█	Fenaminosulf	█
10	Prometryn	█	Dimethoate	█	Tricyclazole	█
11	Mefenacet	█	Acephate	█	Prochloraz	█
12	Trifluralin	█	Profenofos	█	Fosetyl-aluminium	█
13	Quinclorac	█	Quinalphos	█	Metalaxyl	█
14	Bensulfuron-methyl	█	Carbofuran	█	Iprodione	█
15	Anilofos	█	Buprofezin	█	Propamocarb	█
	Others	█	/	█	/	█
	Total	█	/	█	/	█

Source: CCM

3 Market analysis of major insecticides in China

Table 3.2-2 Capacity and output of main chlorpyrifos technical producers in China, 2009-2013

No.	Producer	Capacity, t/a					Output, tonne				
		2013	2012	2011	2010	2009	2013	2012	2011	2010	2009
1	Nanjing Redsun	█	█	█	█	█	█	█	█	█	█
2	█	█	█	█	█	5,000	█	█	█	█	█
3	█	█	█	█	█	█	█	█	█	█	
...	█	█	█	█	█	█	█	█	█	█	
...	█	█	█	█	█	█	█	█	█	█	
...	█	█	█	█	█	█	█	█	█	█	
...	█	█	█	█	█	█	█	█	█	█	
...	█	█	█	█	█	█	█	█	█	█	
...	█	█	█	█	█	█	█	█	█	█	
...	█	█	█	█	█	█	█	█	█	█	
...	█	█	█	█	█	█	█	█	█	█	
...	█	█	█	█	█	█	█	█	█	█	
...	█	█	█	█	█	█	█	█	█	█	
	Total	█	█	█	█	█	█	█	█	█	

Source: CCM

Table 3.2-4 Apparent consumption of chlorpyrifos in China, 2006-2013, tonne

Year	Output	Export				Import	Domestic consumption (by 97% TC)
		Technical	40% EC	480g/L EC	Total (converted to 97% TC)		
2006							
2007							
2008							
2009							
2010							
2011							
2012							
2013							

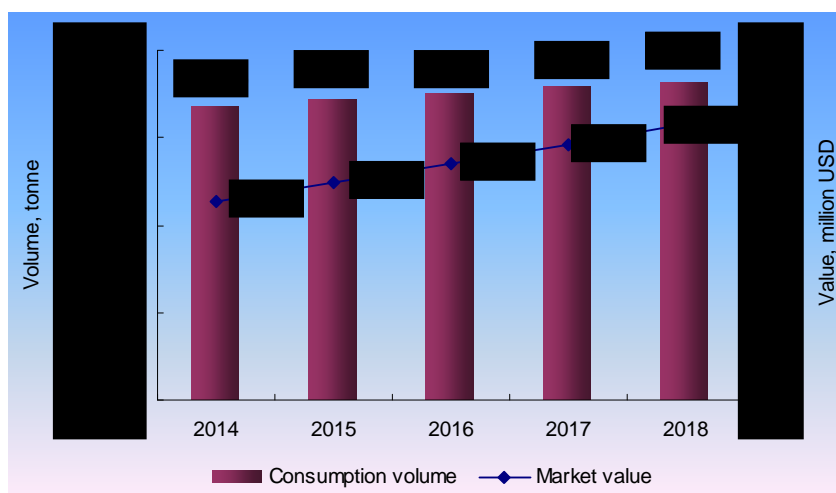
Source: CCM

Table 3.2-5 Consumption volume and market value of chlorpyrifos in China, 2006-2013

Year	Consumption volume, tonne				Market value, million USD			
	40% EC	480g/L EC	Others	Total	40% EC	480g/L EC	Others	Total
2006								
2007								
2008								
2009								
2010								
2011								
2012								
2013								

Source: CCM

Figure 3.2-12 Forecast on consumption (by 97% TC) and market value of chlorpyrifos in China, 2014-2018



Source: CCM