## III-2 Production Situation of Chinese Pesticide Industry

# III-2.1 Summary of Production of Chinese Pesticide Industry

# - Capacity and Output

Table III-2.1-1 Capacity and Output of Pesticide Technical in the Past Years

	Insec	cticide	Herb	icide	Funç	gicide	Oth	ers	To	otal
Year	Cap.(t/a)	Output(t)								
1994	400,000									
1995	474,000									
1996	513,000									
1997										
1998										
1999										
2000										
2001										
2002										
2003										
2004										
2005										
2006										
2007	:	:				:				

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# III-2.2 Summary of Pesticide Manufacturers in China

Table III-2.2-2 Major Manufacturers of Insecticide in 2008, (shares by capacity)

		Ranking 1st	Ranking 2nd	Ranking 3rd	Others
	Acephate				
	Trichlorfon				
	Chlorpyrifos				
Insecticide	Dimethoate				
	Phoxim				
	Abamectin				
	Beta-cypermethrin				
	Imidacloprid				

# III-3.2 Consumption Situation of Pesticide by Crop

Table III-3.2-1 Consumption Situation of Pesticide by Species and Crops in 2007 (Unit: tonne)

	Species	Rice	Wheat	Fruit	Vegetable	Corn	Cotton	Tea	Sugarcane	Rapeseed	Soybean	Rubber	Others
Insecticide	DDVP												
	Chlorpyrifos												
	Dimethoate												
Herbicide	Glyphosate												
nerbicide	Acetochlor												
	Acetochioi												
													_
	Atrazine												
	Paraquat												
Fungicide	Mancozeb												_
rungicide	Carbendazim												
	Chlorrothalonil												
	Tria Dimefon												
	Total												

### III-3.2-1 Consumption of Insecticide in China

Table III-3.2-1-1 Consumption of Insecticide by Crop in 2007 (Unit: tonne)

	Rice	Wheat	Fruit	Vegetable	Corn	Cotton	Tea	Soybean	Others	Total
DDVP										
Acephate										
Trichlorfon										
Chlorpyrifos										
Dimethoate										
Phoxim										
Abamectin										
Beta-cypermethrin										
Imidacloprid										
Total										

### **III-3.2-2 Consumption of Herbicide**

Table III-3.2-2-1 Consumption of Herbicide by Crop in 2007 (Unit: tonne)

	Rice	Wheat	Fruit	Corn	Cotton	Tea	Sugarcane	Rapeseed	Soybean	Rubber	Others	Total
Glyphosate												
Acetochlor												
Butachlor												
Nicosulfuron												
Atrazine												
Paraquat												
Total												

### III-3.3 Consumption Situation of Pesticide by Region

Table III-3.3-1 Consumption Situation of Main Species by Region in 2007 (Unit: tonne)

		Pesticide							
Region	Herbicide	Insecticide	Fungicide	Total					
Henan									
Shandong									
Hebei									
Hunan									
Sichuan									
Guangxi									
Guangdong									
Anhui									

Jiangsu			
Jiangxi			
Hubei			
Heilongjiang			
Shanxi			
Yunnan			
Jilin			
Liaoning			
Xinjiang			
Fujian			
Zhejiang			
Shanxi			
Guizhou			
Gansu			
Inner Mongolia			
Chongqing			
Hainan			
Ningxia			
Tianjin			
Beijing			
Shanghai			
Qinghai			
Tibet			
Total			

#### IV Brief Introduction to Major Pesticides in China

#### IV-1 Insecticide

Insecticides have been taking up the largest proportion of pesticide. In 2007, the ban of the 5 highly toxic insecticides has left USD (RMB million) market gap for other insecticides substitutes in the market. The capacity washed out reached which took up % of the total insecticide capacity in China.

The production of insecticide in China was mainly distributed in Jiangsu, Shandong, Hunan, Hubei and Zhejiang, and the output of these regions accounted for output in 2007.

Table IV-1-1 Classification of Insecticide

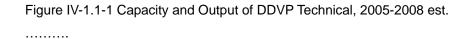
Classification standard	Category	Main Product
Reacting ways		

Mechanism of action	

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## IV-1.1 DDVP (Dichlorvos)

#### > Production



With great demand, both capacity and output of DDVP technical have been increasing in recent years. In 2008, capacity of domestic DDVP amounts to tonnes from only tonnes in 2005.

### Why did the capacity of DDVP production expand?

✓ Firstly, with the abolishment of the 5 highly toxic insecticides in China, coupled with DDVP's quick effect, application of DDVP in mixed formulations is increasing, which drives the capacity expansion of DDVP.

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#### - Manufacturers

Table IV-1.1-1 Key Chinese Manufacturers of DDVP Technical in 2008

Manufacturer	Capacity, t/a	Share by capacity		
Hubei Sanonda Co., Ltd.				
Hebei Xinfeng Pesticide And Chemical Co., Ltd.				
Shandong Dacheng Pesticide Co., Ltd.				
Nantong Jiangshan Agrochemical & Chemical Co. Ltd.		12.00%		
Total				

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### - Specification

80% DDVP EC and 50% DDVP EC are the major specifications among all the DDVP formulations in China.

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#### > Price

Figure IV-1.1-3 Price Change of DDVP Technical, 2005-2008 est.

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### Technology

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## Consumption

In general, the supply and demand of DDVP keeps relatively balanced.

Table IV-1.1- 2 Consumption of DDVP in 2007

	Rice	Wheat	Fruit	Vegetable	Corn	Others	Total
Volume, tonne							
Share							

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#### Future

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