

III-1.1 Fipronil production

Table III-1.1-1 Production distribution of fipronil technical in China as of May 2009

No.	Province	Output'08 (t/a)	Capacity (t/a) '09	Producer number	Share/Output	Share/Cap.
1	Zhejiang	■	■	■	■	24.61%
2	Jiangsu	■	■	■	■	40.85%
3	■	■	■	■	■	14.80%
4	■	■	■	■	■	6.77%
5	■	■	■	■	3.66%	■
6	■	■	■	■	3.66%	■
7	■	■	■	■	2.87%	■
8	■	■	■	■	0.49%	■
Total		■	■	■	■	■

Source: CCM International.

China's fipronil technical production is concentrated in Zhejiang, Jiangsu and Anhui province, which have ■ fipronil producers with total output of ■ tonnes in 2008, accounting for ■ of the national total.

As the largest pesticide producing province in China, Jiangsu's fipronil technical capacity totals ■ t/a in 2009, accounting for ■ of China's total.

Figure III-1.1-1 Output volume structure of fipronil technical by region, 2008

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Figure III-1.1-2 Capacity share of fipronil technical by region in 2009

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III-2 Supply situation of raw material

2,6-dichloro-4-trifluoromethylaniline is a key intermediate of fipronil. CCM has identified 10 Chinese producer of 2,6-dichloro-4-trifluoromethylaniline, with their total output of 769 tonnes in 2008, 70% of which is exported. Generally, the content is between 95%-98%, and 99% content is mainly for pet medicine. Nowadays, almost all of the producers use 4-(trifluoromethyl) benzenamine as the raw material to produce 2,6-dichloro-4-trifluoromethylaniline.

Table III-2-1 Capacity and output of 2,6-dichloro-4-trifluoromethylaniline producers in China as of May 2009 (Quantity: t/a, Price: USD/t, Shanghai FOB)

No.	Company	Capacity'09	Output' 08	Concentration	Price
1					
2					
3					
4					
5					
6			10	98%	17,600
7					
8					

Source: CCM International