

I-4 Raw material supply situation

Urotropine and chloroacetic acid, two main raw materials of glycine via the chloroacetic acid pathway, are both in the weak market.

No.	English name	Location	Capacity
1	[REDACTED]	[REDACTED]	[REDACTED]
2	[REDACTED]	[REDACTED]	[REDACTED]
3	[REDACTED]	[REDACTED]	[REDACTED]
4	[REDACTED]	[REDACTED]	[REDACTED]
5	[REDACTED]	[REDACTED]	[REDACTED]
6	[REDACTED]	[REDACTED]	[REDACTED]
7	[REDACTED]	[REDACTED]	[REDACTED]
8	[REDACTED]	[REDACTED]	[REDACTED]
9	[REDACTED]	[REDACTED]	[REDACTED]
10	[REDACTED]	[REDACTED]	[REDACTED]
11	[REDACTED]	[REDACTED]	[REDACTED]
12	[REDACTED]	[REDACTED]	[REDACTED]
Sub-total			[REDACTED]
National total			[REDACTED]
Percentage			[REDACTED]

I-5 Pricing of glycine

Table I-5.1 Price change of glyphosate technical in 2006, 2007 and 2008

No.	Stage	Price	Reason
1	Jan, 2006 - July, 2007	[REDACTED] [REDACTED]	[REDACTED]
2	July 2007 – June 2008	[REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
3	July 2008 – Nov. 2008	[REDACTED] [REDACTED] [REDACTED]	[REDACTED] [REDACTED]

I-6 Export analysis

Table I-6.2 Export destinations of Chinese glycine in 2008 (Jan.-Sep.)

No.	Region	Feed-grade		Food-grade		Pharmaceutical-grade		Total	
		Quantity	Price	Quantity	Price	Quantity	Price	Quantity	Value
1									
2									
3									
4									
5									
6							6.27		
7							5.54		
8							6.63		
9							6.4		
10							6.3		
11							6.44		
12									
13									
14									
15									
16									
17									
18	Hungary								
19	Argentina								
20	Taiwan								
21	Mexico								
22	S. Africa								
23									
24									
25									
26									
27									
28									
29									
Total									

I-7 Consumption of glycine

Major end-use segments of glycine are glyphosate, feed, food and pharmaceutical industry in China. More than 90% of tech-grade glycine is applied in domestic glyphosate industry and around 90% of feed-grade, food-grade and pharmaceutical-grade glycine produced in China is exported to overseas countries in 2008. Glyphosate industry is estimated to consume [REDACTED] tonnes tech-grade glycine and the total consumption volume of other 3 grades glycine is

estimated to be only around [REDACTED] tonnes in 2008.

Figure I-7.1.1 Consumption volume of feed-grade, food-grade and pharmaceutical-grade glycine in China in 2008

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Table I-7.2.1 Glyphosate producers adopting AEA pathway in China, 2008 (tonne)

No.	Company	Abbreviation	Status Oct. '08	Glyphosate capacity '08	Glyphosate Output '08	Demand of glycine '08
1	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
2	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
3	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
4	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
5	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
6	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
7	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
8	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
9	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
10	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
11	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
12	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
13	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
14	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
15	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
16	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
17	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
18	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
19	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
20	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
21	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
22	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
23	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
24	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
	Total	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]