

4. Brief Situation of Specific Feed Grade Amino Acid

A: Lysine

- Production

The improvement on living standards of Chinese people and hence the development of the feed industry in China attracted both the domestic manufacturers and the overseas manufacturers, as well as the illegal smugglers, to supply lysine to China.

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Table 4-1. Production of Lysine for 1992-2000

Year	Lysine Production (tons / Year)
1992	4,959
1993	6,100
1994	6,184
1995	6,500
1996	7,812
1997	11,000
1998	13,000
1999	██████
2000	██████

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- Import

In the past years, import lysine dominated the Chinese market. In 1999 the actual production from Chinese manufacturers is 13KT but the import lysine is near 40KT.

Table 4-2. Import of Lysine for 1992-2000

Year	Import of Lysine (tons / Year)
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1992	9,998
1993	8,585
1994	8,634
1995	24,219
1996	12,386
1997	11,125
1998	13,362
1999	39752
2000	53057

- Production Distribution in China

Guangdong is the largest feed producing province but the number of feed factories is much smaller compared to its large production. The reason is that Guangdong is a much more developed province and there are more large-scale intensive farms to provide meat and poultry for Guangdong. And because of its proximity to Hong Kong, it also exports large number of pig and chicken to Hong Kong. These farms are usually served by fewer but large capacity feed factories.

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Table 6-3. The four biggest feed producing provinces (1996)

Rank	Production	Complete feed	Concentrate feed	Premix feed	No. of factory with capacity of not less than 1 ton per hour	No. of factory with capacity of not less than 5 ton per hour
1 st	Guangdong	Guangdong	Hunan	Sichuan	Sichuan	Sichuan
2 nd	Shandong	Shandong	Henan	Jiangxi	Shandong	Guangdong
3 rd	Hebei	Hebei	Hubei	Hebei	Hunan	Liaoning
4 th	Sichuan	Sichuan	Liaoning	Shandong	Shanxi	Shandong