I Overview of global GM crops

Since 1996, the starting year for the commercialization of genetically modified crops (GM crops),

Table I.1Global planting area of GM crops, 1996-2007

Year	Number of countries planting GM crops	Planting (million hectares)	Growth rate, %
1996			
1997			
1998			
1999			
2000			
2001			
2002			11.6%
2003			15.3%
2004			19.6%
2005			
2006			
2007			

Table I.2 GM crops grown in the countries in the world, 1996-2007 (million hectares)

Country	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
USA	1.5											
Argentina			4.3									
Brazil	-	ı	ı	-								
Canada												
India												
China												
Paraguay												
S. Africa												
Uruguay	-	-	-	-								
Philippines	-											
Australia												
Rumania												
Mexico												
Spain	-	-		<0.1								
Columbia	-	-	-	-								
France	-	-										
Iran	-	-										
Honduras	-	-	-	-								
Czech	-	-	-	-								
Portugal	-	-	-	<0.1								
Germany	-	-	-	-								
Slovakia	-	-	-	-								
Chile	-	-	-	-								

Poland	-	-	-										
Ukraine	-	i	ı										
Bulgaria	-	-	-										
Indonesia	-	-	-										
Total													

II GM crops in China

These years, the GM crops planting has made great progress in China, and the total planting area of GM crops in China ranks the 6th largest in the world in 2007 with total planting area of million hectares. Only the US, Argentina, Brazil, Canada and India have larger GM plants planting area.

Though Monsanto has gain great success in GM seeds, China government does not want to adopt its GM seeds, because

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II-2.1 Bt cotton

China, the largest cotton production country in the world, introduced Bt cotton in 1996. The development of Bt cotton has brought great benefits to the peasants. In 2007, Bt cotton was planted in China by million peasants with limited resource on million hectares land, up million hectares over the previous year, constituting of the million hectares of the total cotton planting area in China. The growth rate of Bt cotton has kept over 1999.

Figure II-2.1.1 Planting area of Bt cotton in China, 1996-2007 (million hectares)

II-4 Research status

China began to do researches on genetic modification and breeding of crops in the 1980s and the researches on GM cotton and GM rice keep ahead in the world at present.

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Table II-4.1 Main achievements in genetic modification and breeding of crops

Year	Researcher	Research institute	Achievement
1996			
2008			
2008			

II-5 Key players of GM crops in China

Table II-5.1 Key researchers of GM crops in China

No.	Person in charge	Institute	Research content
1			
2			
4			
5			
6			
7			
8			
9			

Table II-5.2 Key enterprises in GM crops in China

No	Company	Location	Major shareholders	Business	Comment
1					
2					
3					
4					
10					-