

Agbiotech booms in emerging nations

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Of the 1.5 billion hectares of cultivated land worldwide, >7% was planted with transgenic crops last year. These crops were grown by >10 million farmers, 90% of whom are small farmers in economically emerging nations like China, India, the Philippines and South Africa.

Historical global area of transgenic crops

The area planted with transgenic crops rose by 13%, with their estimated value climbing by \$1 billion.

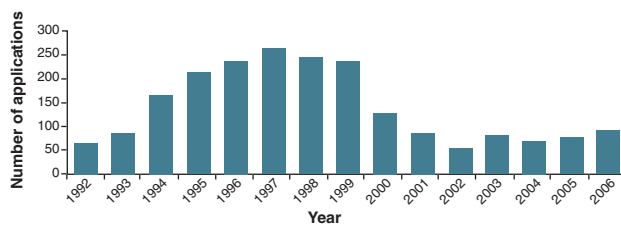


Source: Croplis, International Service for the Acquisition of Agri-Biotech Applications

By far the majority were *Bt* or herbicide-resistant crops. Although the United States still accounted for more than half of transgenic farmland, 40% was sown in developing countries, where transgenic plantings grew by 21%; Europe still lags far behind.

EU applications for transgenic crop trials

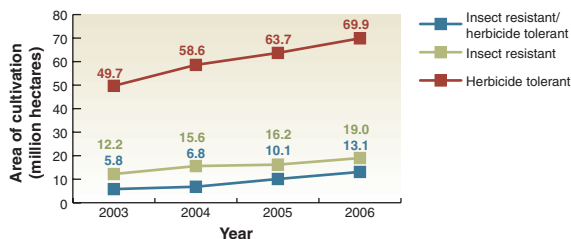
Applications in the EU for field trials of genetically modified organisms are on the upturn, driven mostly by increases in Spain and France.



Source: European Union, GMO Compass

Global area by transgenic trait

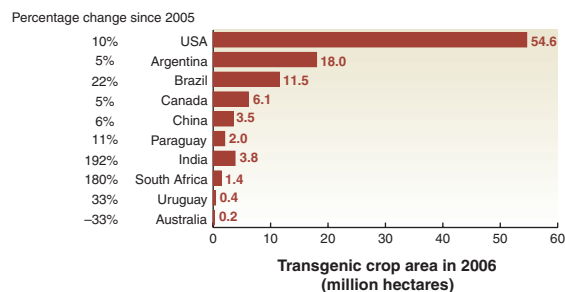
Crops stacking herbicide tolerance and insect resistance are becoming more popular, with a 30% increase in planted land in 2006.



Source: International Service for the Acquisition of Agri-Biotech Applications

Global area of biotech crops by country

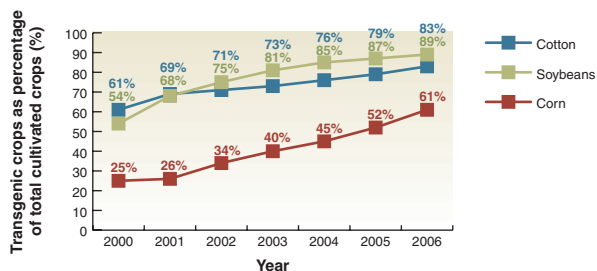
Of 22 countries cultivating transgenic crops last year, India and South Africa continued to rapidly increase transgenic hectareage, whereas Australia's hectareage shrank, perhaps as a result of continued State moratoria.



Source: International Service for the Acquisition of Agri-Biotech Applications

Transgenic crops as a share of total US crops

The portion of transgenic corn planted in the United States has more than doubled during the past decade.



Source: National Agricultural Statistics Service

US field trials by trait

Year	Agronomic	Product quality	Herbicide tolerance	Pest resistance	Other
1995	40	206	209	346	48
1996	30	145	248	387	61
1997	103	151	419	496	75
1998	151	284	657	954	99
1999	157	297	366	732	126
2000	88	155	390	521	163
2001	113	221	352	609	189
2002	107	295	438	529	95
2003	103	211	304	251	105
2004	130	231	360	287	140
2005	172	249	269	194	135

Source: Economic Research Service of the United States Department of Agriculture

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