2007 ISAAA Report on Global Status of Biotech/GM Crops

by

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International Service for the Acquisition of Agri-biotech Applications (ISAAA)
http://www.isaaa.org
US registered, Not-for-Profit Charity, co-sponsored by public and private sector organizations

**Mission of ISAAA:**
- Share knowledge on crop biotechnology so that the global community is more well informed about the attributes and potential of the new technologies

- Contribute to poverty alleviation by increasing crop productivity and income generation, particularly for resource-poor farmers, and to bring about a safer environment and more sustainable agricultural development, through crop biotechnology.

- For more information, visit http://www.isaaa.org
The Three Philanthropic Co-sponsors of the ISAAA 2007 Report

- **The Rockefeller Foundation, USA** – associated with the green revolution that saved 1 billion people from hunger in the 1960s, largely in Asia

- **Ibercaja, Spain** – the fourth largest bank in Spain based in the maize growing area of the country where Bt maize is successfully grown – the largest area of Bt maize in the EU

- **Fondazione Bussolera-Branca, Italy** – supports the sharing of knowledge to aid global society to make knowledge-based decisions about biotech crops

Source: Clive James, 2008
Global Area of Biotech Crops, 1996 to 2007: Industrial and Developing Countries (Million Hectares)

Source: Clive James, 2008
Global Area of Biotech Crops, 1996 to 2007: By Crop (Million Hectares)

Source: Clive James, 2008
Global Area of Biotech Crops, 1996 to 2007: By Trait (Million Hectares)

Source: Clive James, 2008
Global Adoption Rates (%) for Principal Biotech Crops (Million Hectares) 2007

Source: Clive James, 2008
Biotech Crop Countries and Mega-Countries*, 2007

1. **USA**
   - 57.7 Million Has.
   - Soybean, Maize, Cotton, Canola, Squash, Papaya, Alfalfa

2. **Argentina**
   - 19.1 Million Has.
   - Maize, Soybean, Cotton

3. **Brazil**
   - 15.0 Million Has.
   - Soybean, Cotton

4. **Canada**
   - 7.0 Million Has.
   - Canola, Maize, Soybean

5. **China**
   - 3.8 Million Has.
   - Cotton, Tomato, Poplar, Petunia, Papaya, Sweet Pepper

6. **India**
   - 6.2 Million Has.
   - Cotton

7. **Paraguay**
   - 2.6 Million Has.
   - Soybean

8. **South Africa**
   - 1.8 Million Has.
   - Maize, Soybean, Cotton

9. **Uruguay**
   - 0.5 Million Has.
   - Soybean, Maize

10. **Philippines**
    - 0.3 Million Has.
    - Maize

11. **Australia**
    - 0.1 Million Has.
    - Cotton

12. **France**
    - <0.05 Million Has.
    - Maize

13. **Mexico**
    - 0.1 Million Has.
    - Cotton, Soybean

14. **Colombia**
    - <0.05 Million Has.
    - Cotton, Carnation

15. **Chile**
    - <0.05 Million Has.
    - Maize, Soybean, Canola

16. **Germany**
    - <0.05 Million Has.
    - Maize

17. **Honduras**
    - <0.05 Million Has.
    - Maize

18. **Czech Republic**
    - <0.05 Million Has.
    - Maize

19. **Portugal**
    - <0.05 Million Has.
    - Maize

20. **Slovakia**
    - <0.05 Million Has.
    - Maize

21. **Romania**
    - 0.05 Million Has.
    - Maize

22. **Sudan**
    - 0.05 Million Has.
    - Maize

23. **Poland**
    - <0.05 Million Has.
    - Maize

*13 biotech mega-countries growing 50,000 hectares, or more, of biotech crops.
Source: Clive James, 2007
Increase of 12%, 12.3 million hectares (30 million acres), between 2006 and 2007.

Source: Clive James, 2007.