
International Service for the Acquisition of Agri-biotech Applications (ISAAA)
ISAAA

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, through crop biotechnology.

• For more information, visit: http://www.isaaa.org
Global Area of Biotech Crops, 1996 to 2016: Industrial and Developing Countries (Million Hectares, Million Acres)

- Resumes high adoption at 185.1 million hectares
- ~110-fold increase from 1996
- 2.1 billion accumulated hectarage
Global Area of Biotech Crops, 1996 to 2016: By Trait (Million Hectares, Million Acres)

- Herbicide tolerance at 47% and
- Stacked traits occupied 41% of the global hectarage
Global Adoption Rates (%) for Principal Biotech Crops (Million Hectares, Million Acres), 2016

- **SOYBEAN**: 78% adoption rate, 117 million hectares
- **COTTON**: 64% adoption rate, 35 million hectares
- **MAIZE**: 33% adoption rate, 185 million hectares
- **CANOLA**: 24% adoption rate, 36 million hectares

ISAAA, 2016
Global Area of Biotech Crops, 1996 to 2016: By Crop (Million Hectares, Million Acres)

- Biotech soybean reached 50% of global biotech crop hectarage
Biotech Crop Countries and Mega-Countries*, 2016

*18 biotech mega-countries growing 50,000 hectares, or more, of biotech crops.

ISAAA, 2016
Global Area of Biotech Crops, 2016: By Country (Million Hectares)

- Top five countries: 3 Developing countries (Brazil, Argentina, & India) and 2 Industrial countries (USA & Canada) grew 91% of biotech crops
Developing countries: 99.6 million hectares
Industrial countries: 85.5 million hectares

Distribution of biotech crops in developing and industrial countries in 2016

Source: ISAAA, 2016