

# 2013 GLOBAL BIOTECH CROP REPORT

Highlights of global biotech crop adoption by The International Service for the Acquisition of Agri-biotech Applications (ISAAA).  
For more information, visit [ISAAA.org](http://ISAAA.org).

Global biotech crop plantings mark **18 years** of continued growth

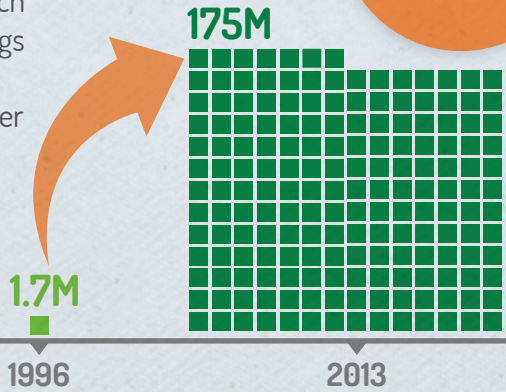
**18 MILLION FARMERS** in 27 countries **PLANT BIOTECH CROPS**

1996

2013

## GLOBAL HECTARAGE

Global biotech crop plantings increased > **100-fold** over the past 18 years.



Hectareage in 2013 increased **5 million hectares** or 3% over 2012

**1.5 BILLION HECTARES** WORLDWIDE

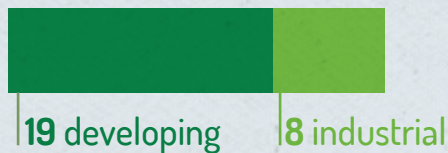
In 2013, 1.5 billion hectares of all crops were planted worldwide, **12% were biotech crops.**

To date, **accumulated hectareage of biotech crops planted worldwide** stands at 1.5 billion hectares or 150% of the total landmass of **China.**

## DEVELOPING VS INDUSTRIAL COUNTRIES

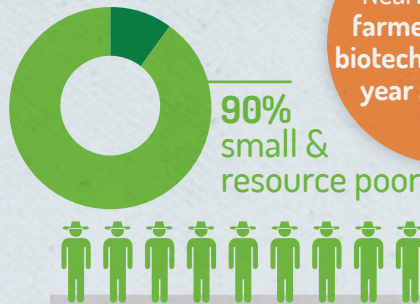
Countries that planted biotech crop hectares:

**27 in total**



## FARMERS PLANTING BIOTECH CROPS

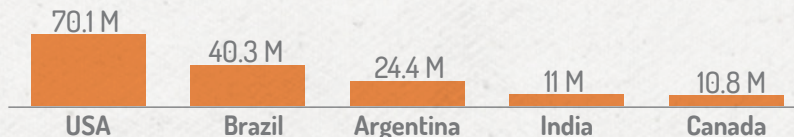
**18 million in total**



Nearly **100%** of farmers who try biotech crops plant year after year

## TOP 5 COUNTRIES BY HECTARAGE

Millions of biotech crop hectares planted



## NOTABLE MILESTONES

During 2013, the following milestones were achieved through political will and public-private partnerships.

**United States** planted the world's first biotech drought-tolerant maize, which uses less water to grow more grain.

**Africa** in partnership with Monsanto and the Water Efficient Maize for Africa project is expected to deliver drought tolerant maize to selected African countries in 2017.

Same drought-tolerant technology

**Brazil** and BASF, working together, have developed and approved a herbicide tolerant soybean that is ready for commercialization.

**Bangladesh** approved its first biotech crop, Bt eggplant, through a public-private partnership with Indian company, Mahyco.

**Indonesia** in partnership with Ajinomoto developed and approved drought-tolerant sugarcane (the world's first approval) for food use, with plans to cultivate in 2014.



### About ISAAA and Clive James, Author of the Report

The International Service for the Acquisition of Agri-biotech Applications (ISAAA) is a not-for-profit organization with an international network of centers designed to contribute to the alleviation of hunger and poverty by sharing knowledge and crop biotechnology applications. Clive James, Emeritus Chairman and Founder of ISAAA, has lived and/or worked for the past 30 years in the developing countries of Asia, Latin America and Africa, devoting his efforts to agricultural research and development issues with a focus on crop biotechnology and global food security.