



# **2013 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>**

# ISAAA

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US registered, Not-for-Profit Charity, co-sponsored by public and private sector organizations

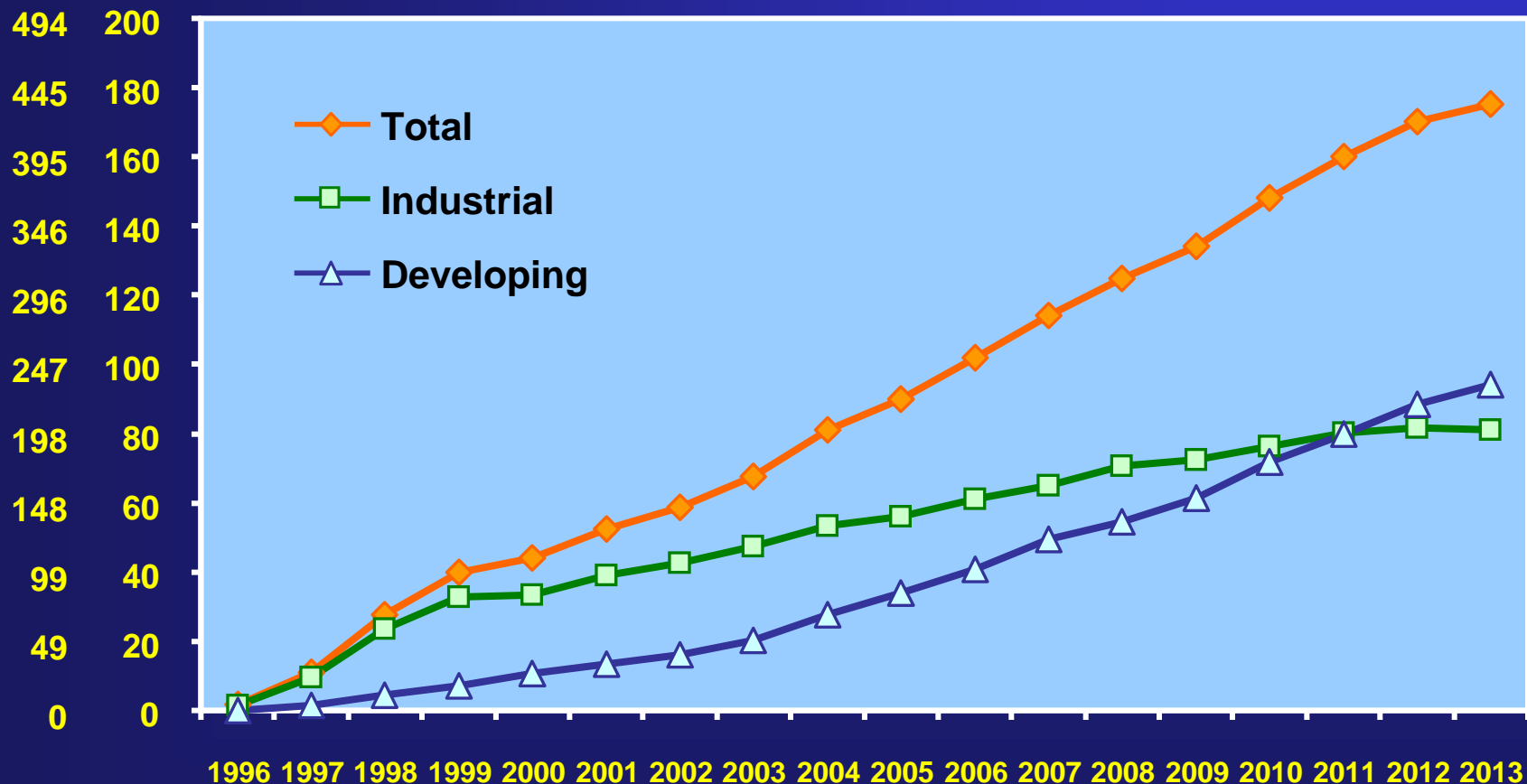
## *Mission of ISAAA:*

- **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>**

# Global Area of Biotech Crops, 1996 to 2013: Industrial and Developing Countries (M Has, M Acres)



M Acres

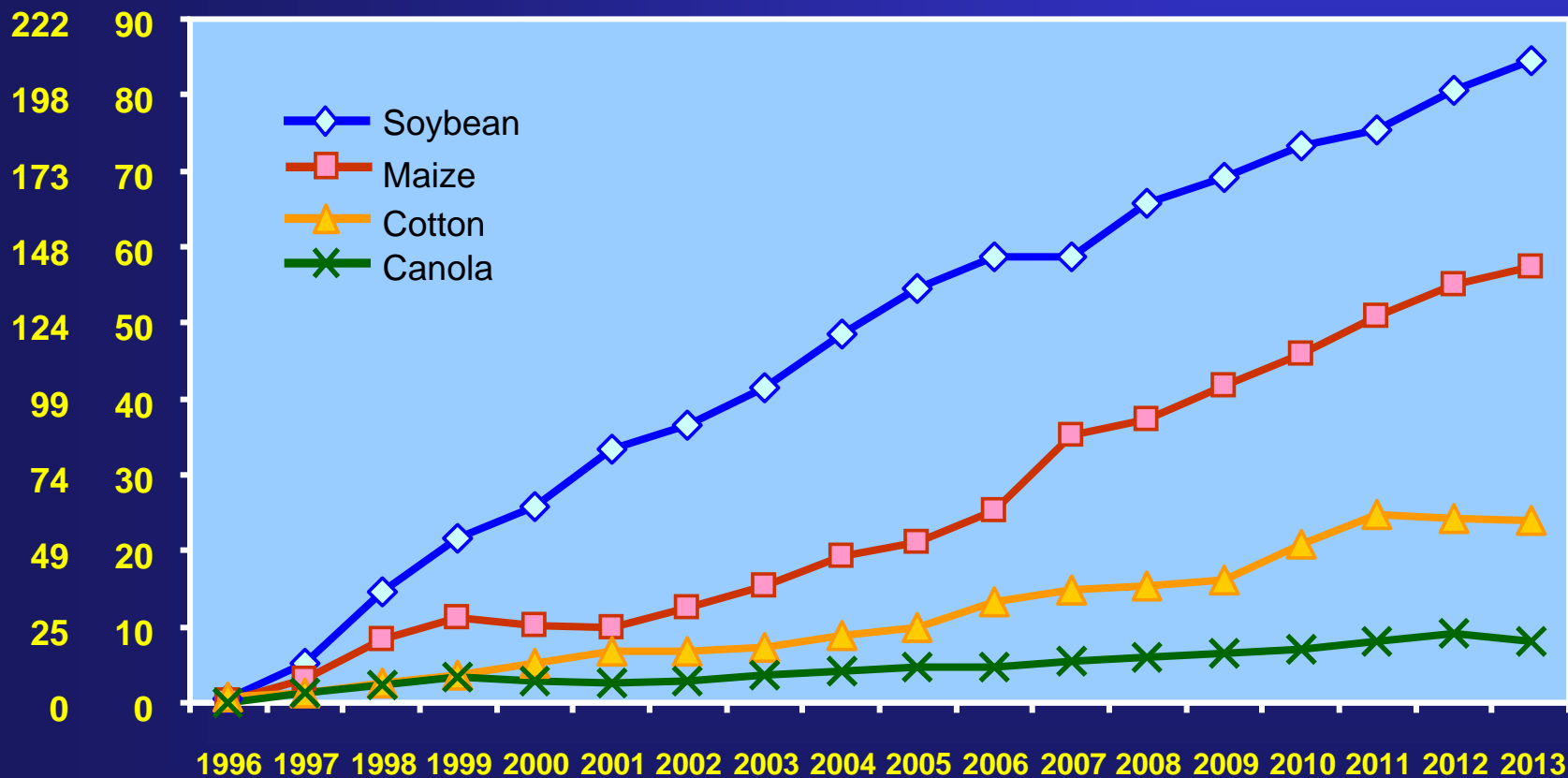


Source: Clive James, 2013

# Global Area of Biotech Crops, 1996 to 2013: By Crop (Million Hectares, Million Acres)



M Acres

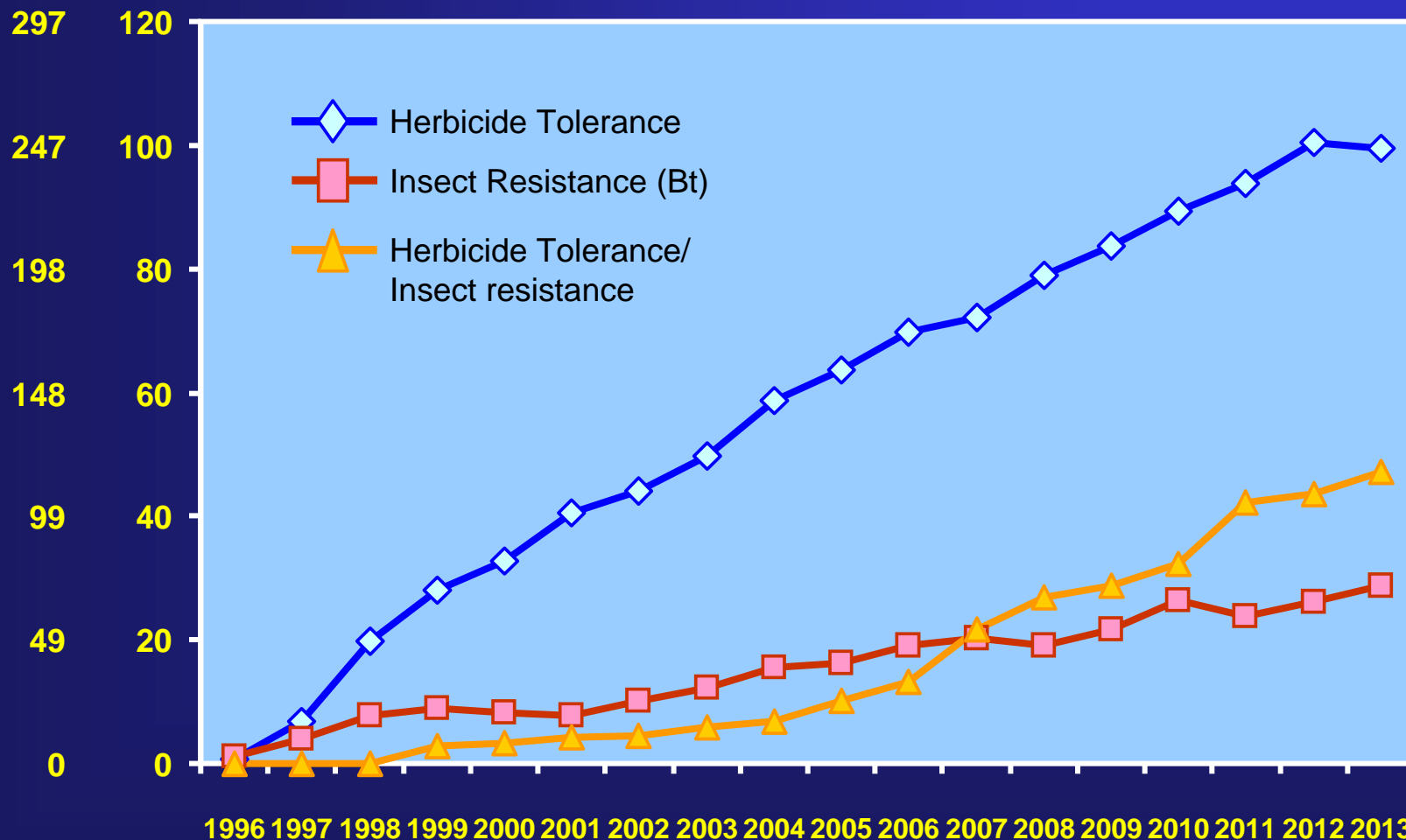


Source: Clive James, 2013

# Global Area of Biotech Crops, 1996 to 2013: By Trait (Million Hectares, Million Acres)



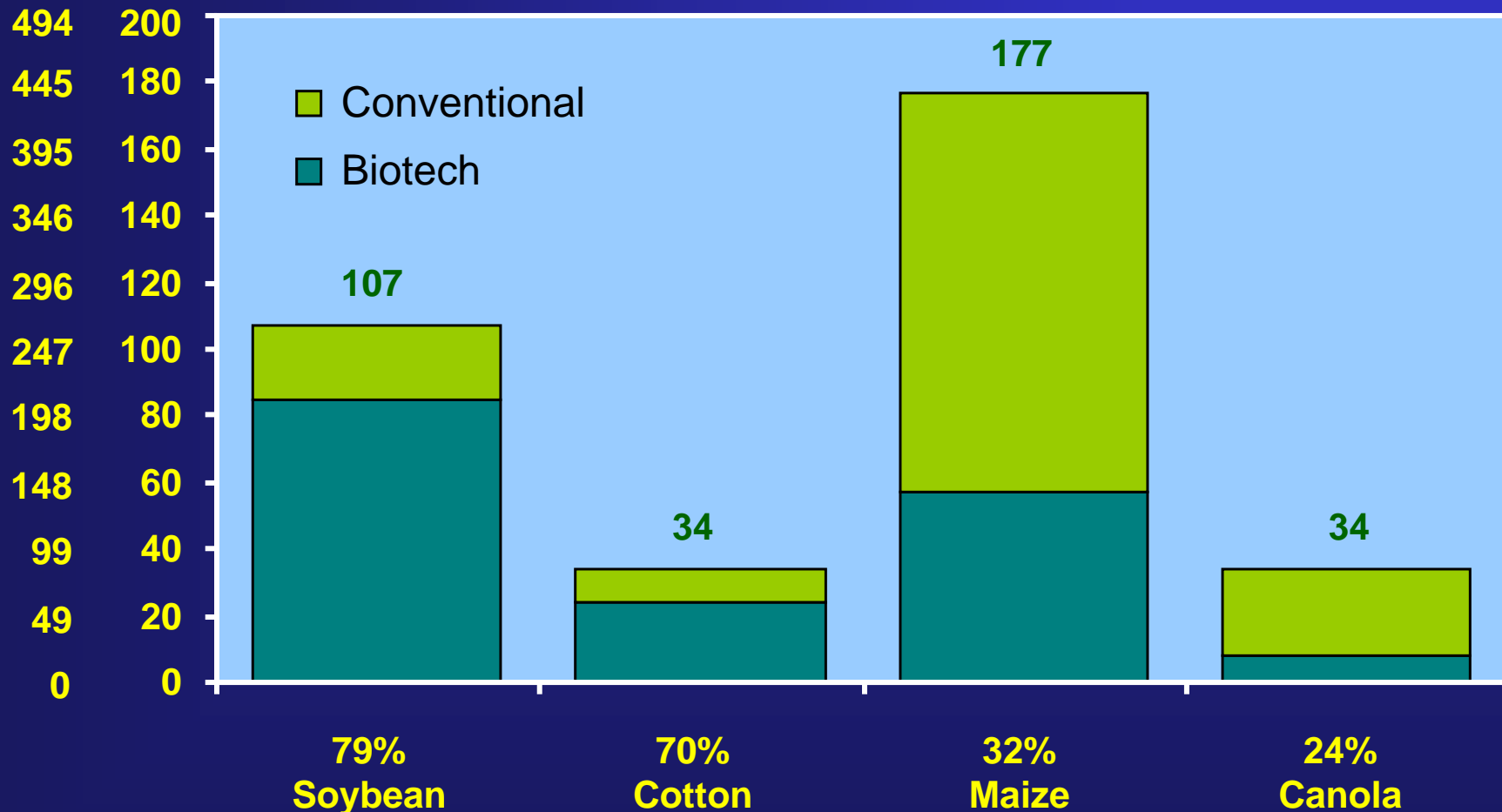
M Acres



# Global Adoption Rates (%) for Principal Biotech Crops (Million Hectares, Million Acres), 2013

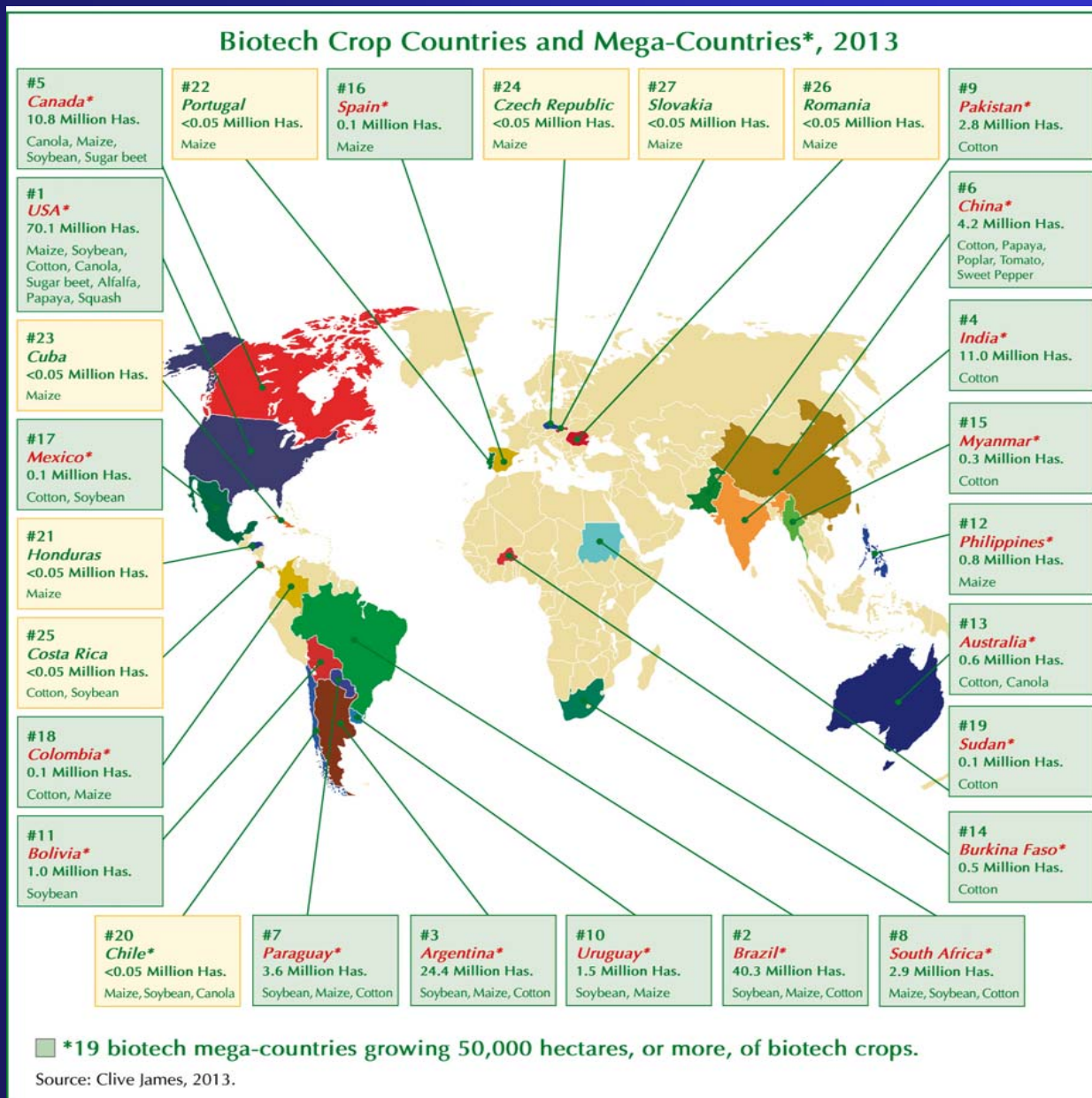


M Acres

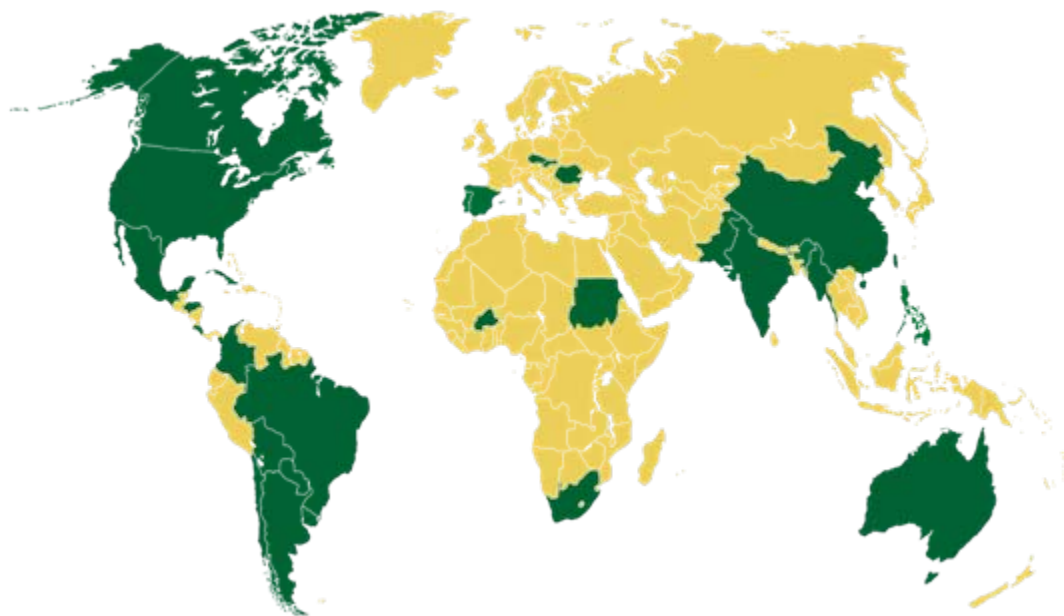


Source: Clive James, 2013

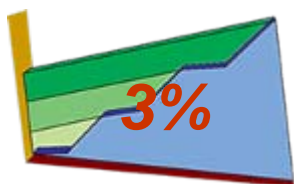
# Biotech Crop Countries and Mega-Countries\*, 2013



# Global Area (Million Hectares) of Biotech Crops, 2013: by Country



Increase over 2012



**27 countries which have adopted biotech crops**

In 2013, global area of biotech crops was 175.2 million hectares, representing an increase of 3% over 2012, equivalent to 5 million hectares.

## Biotech Mega Countries

50,000 hectares (125,000 acres), or more

	Million Hectares
1. USA	70.1
2. Brazil*	40.3
3. Argentina*	24.4
4. India*	11.0
5. Canada	10.8
6. China*	4.2
7. Paraguay*	3.6
8. South Africa*	2.9
9. Pakistan*	2.8
10. Uruguay*	1.5
11. Bolivia*	1.0
12. Philippines*	0.8
13. Australia	0.6
14. Burkina Faso*	0.5
15. Myanmar*	0.3
16. Spain	0.1
17. Mexico*	0.1
18. Colombia*	0.1
19. Sudan*	0.1

## Less than 50,000 hectares

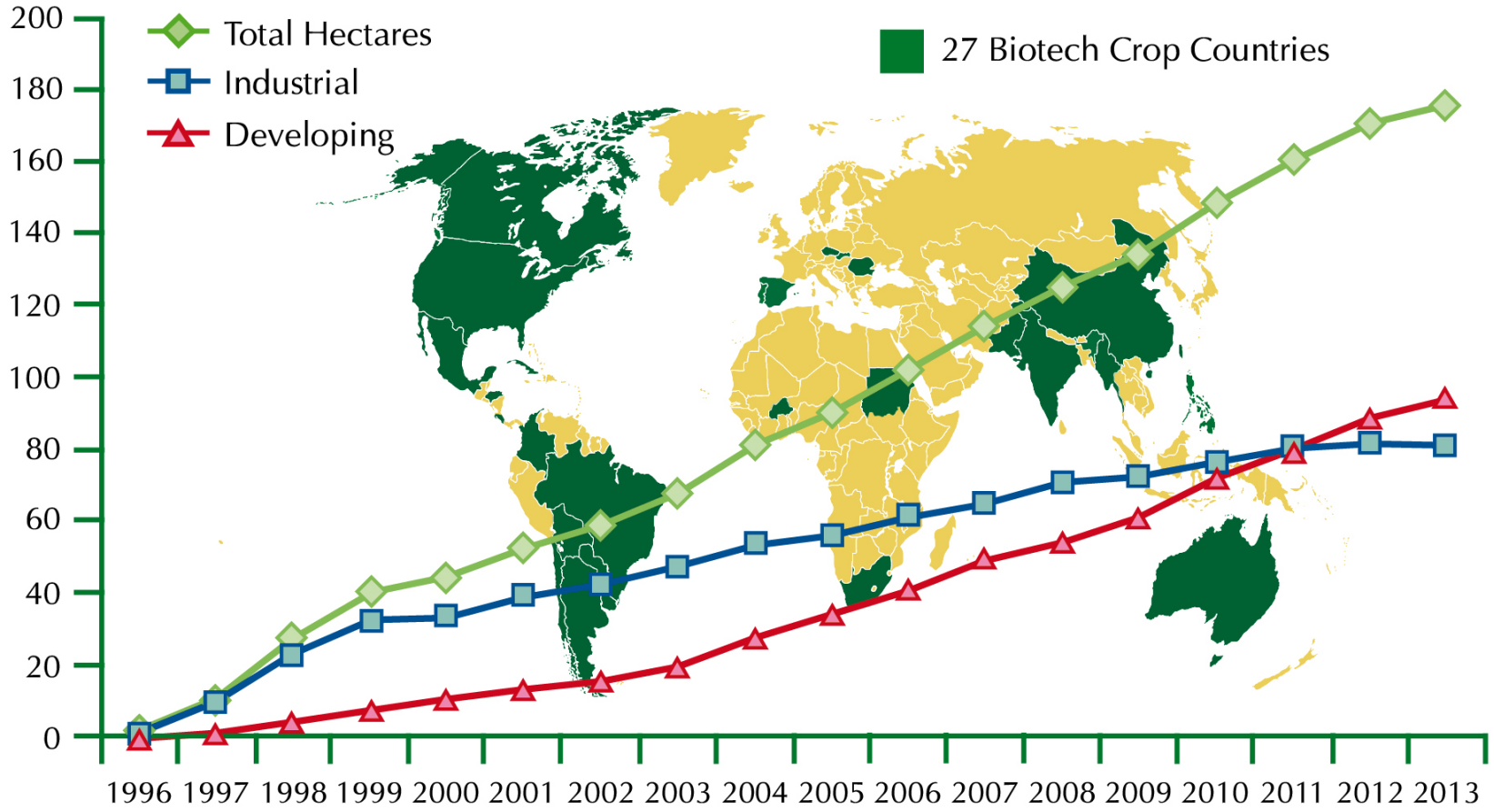
Chile*	Czech Republic
Honduras*	Costa Rica*
Portugal	Romania
Cuba*	Slovakia

\* Developing countries





## GLOBAL AREA OF BIOTECH CROPS Million Hectares (1996-2013)



*A record 18 million farmers, in 27 countries, planted 175.2 million hectares (433 million acres) in 2013, a sustained increase of 3% or 5 million hectares (12 million acres) over 2012.*

Source: Clive James, 2013.