



2014 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



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

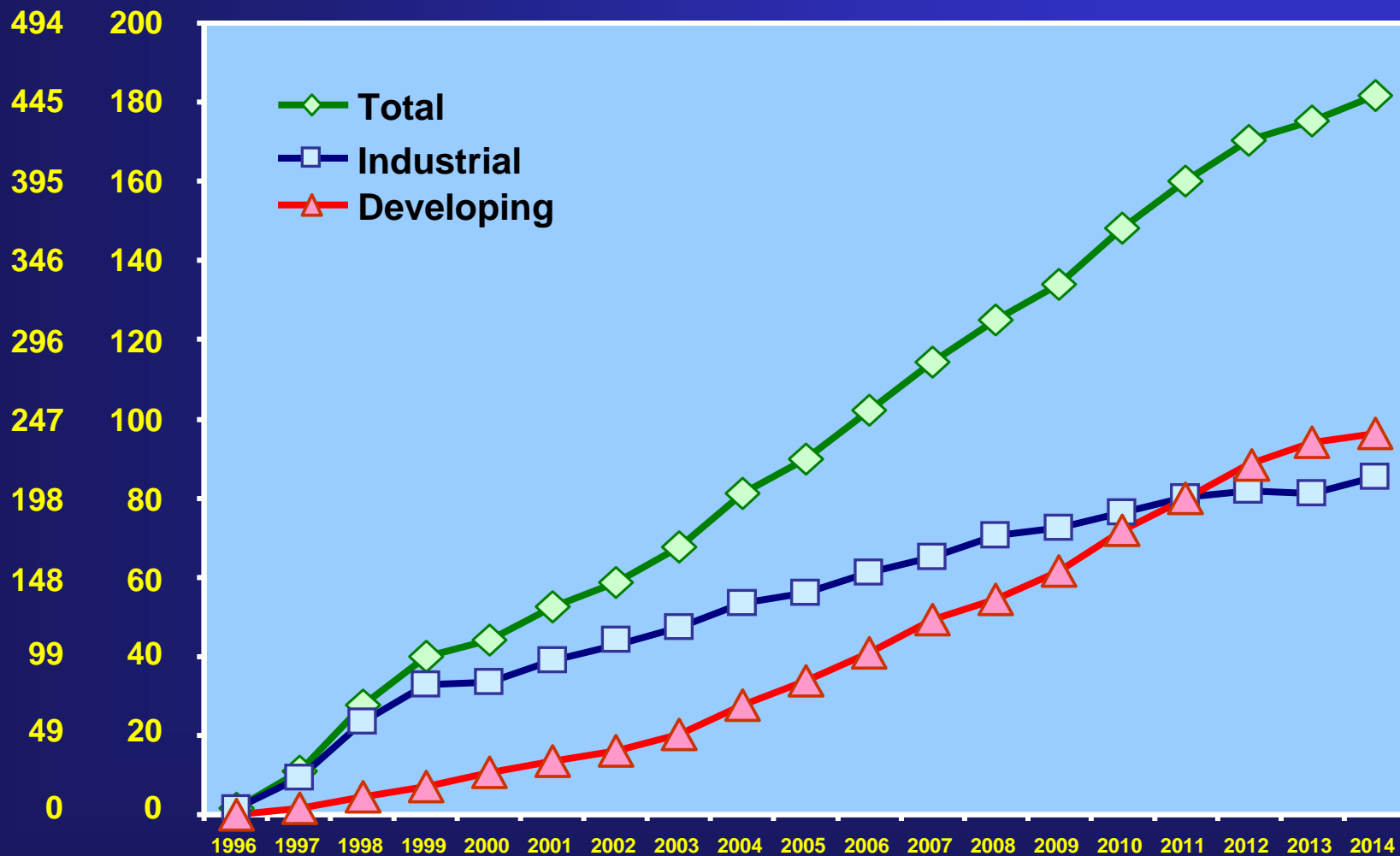
Mission of ISAAA:

- **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 2014: Industrial and Developing Countries (M Has, M Acres)



M Acres

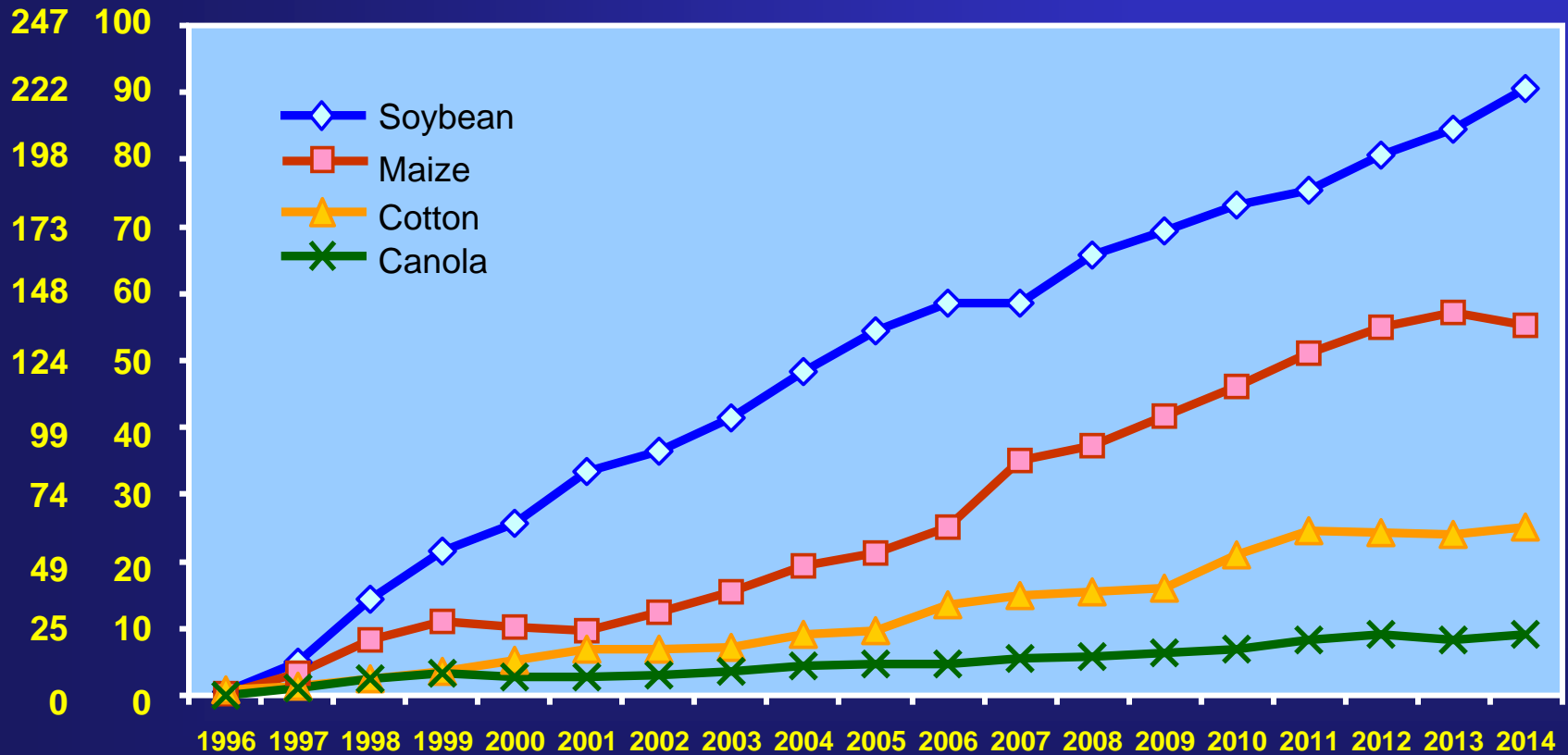


Source: Clive James, 2014

Global Area of Biotech Crops, 1996 to 2014: By Crop (Million Hectares, Million Acres)



M Acres



Source: Clive James, 2014

Global Area of Biotech Crops, 1996 to 2014: By Trait (Million Hectares, Million Acres)



M Acres

297 120

247 100

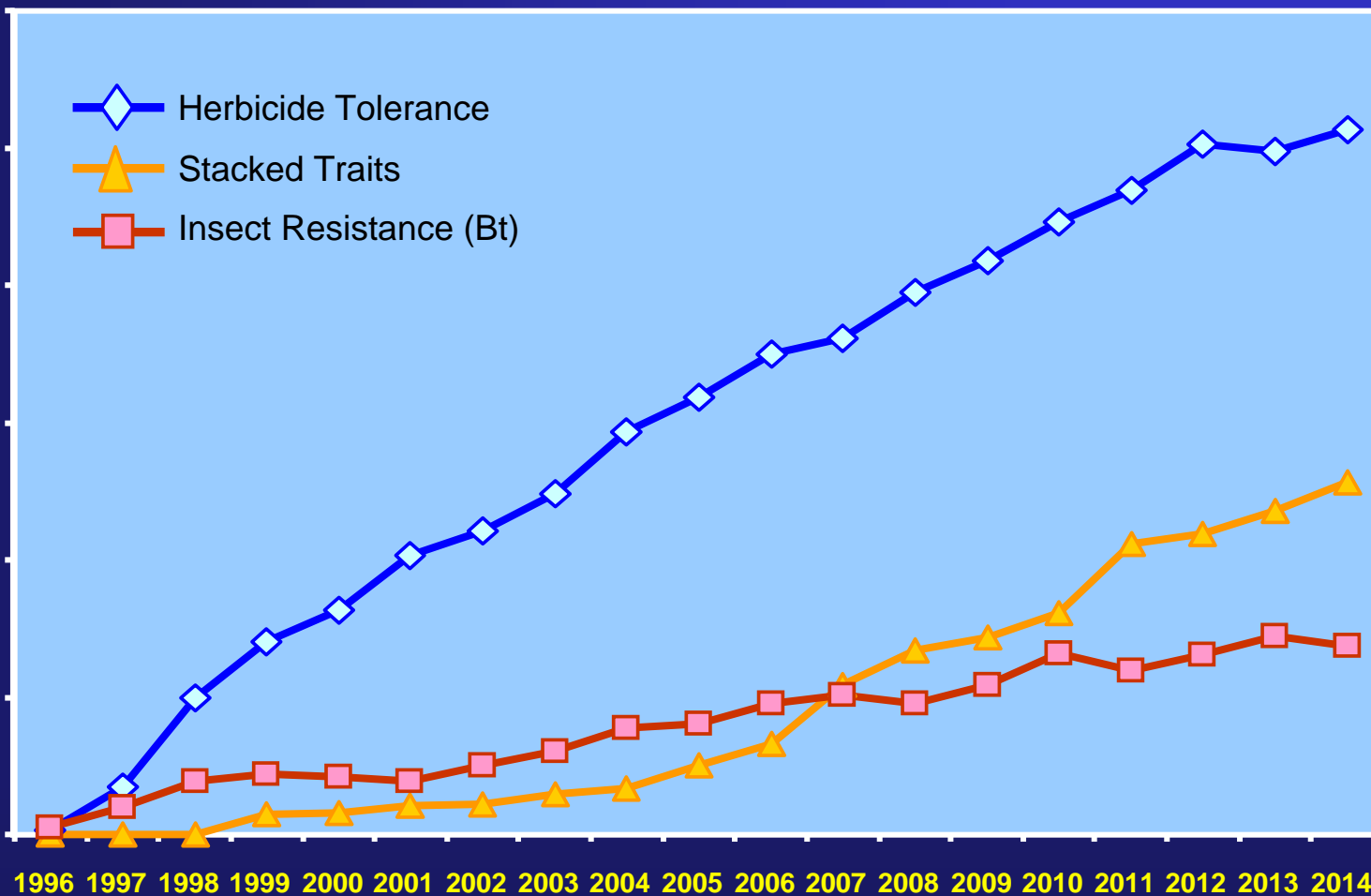
198 80

148 60

99 40

49 20

0 0

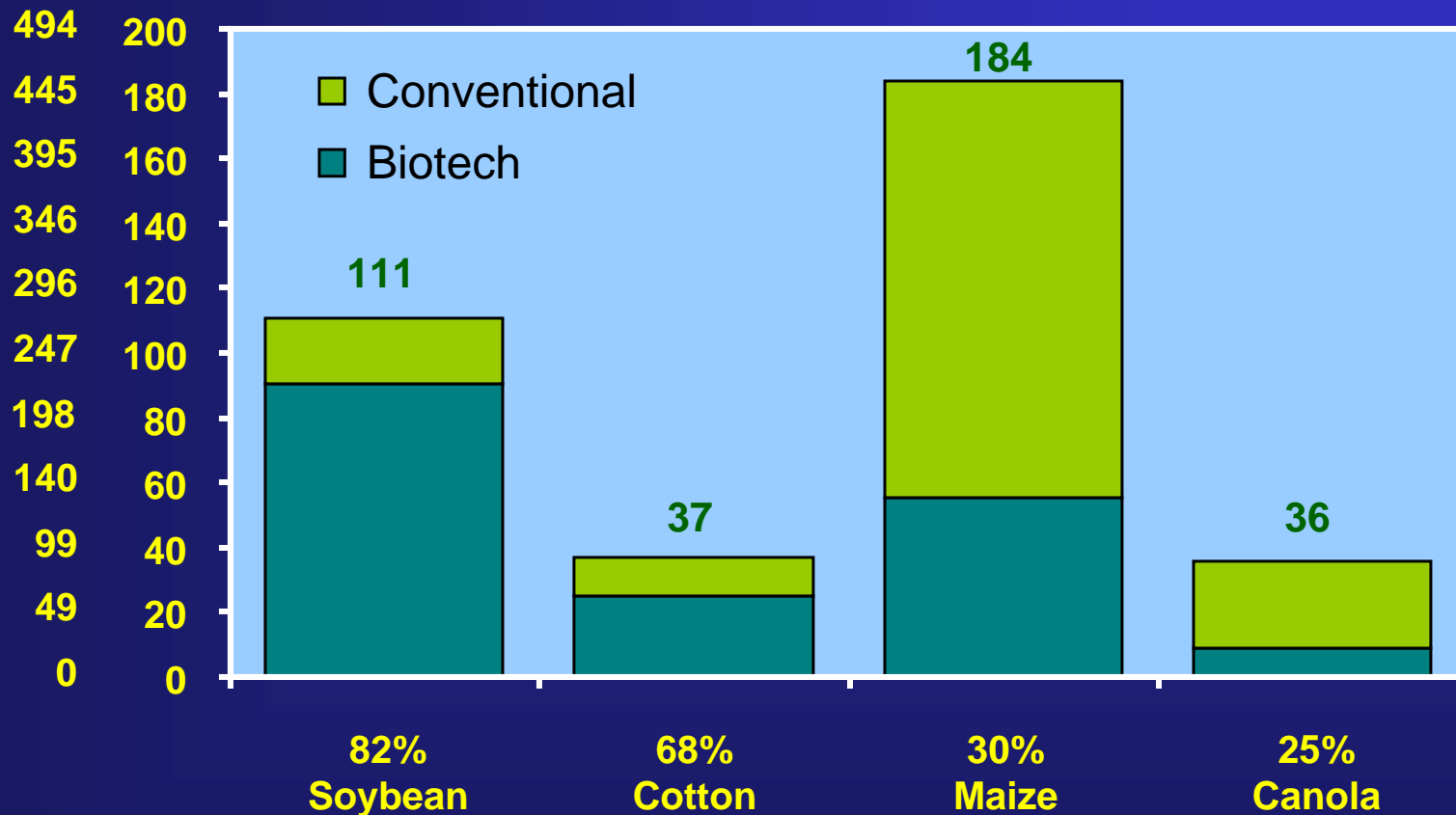


Source: Clive James, 2014

Global Adoption Rates (%) for Principal Biotech Crops (Million Hectares, Million Acres), 2014



M Acres

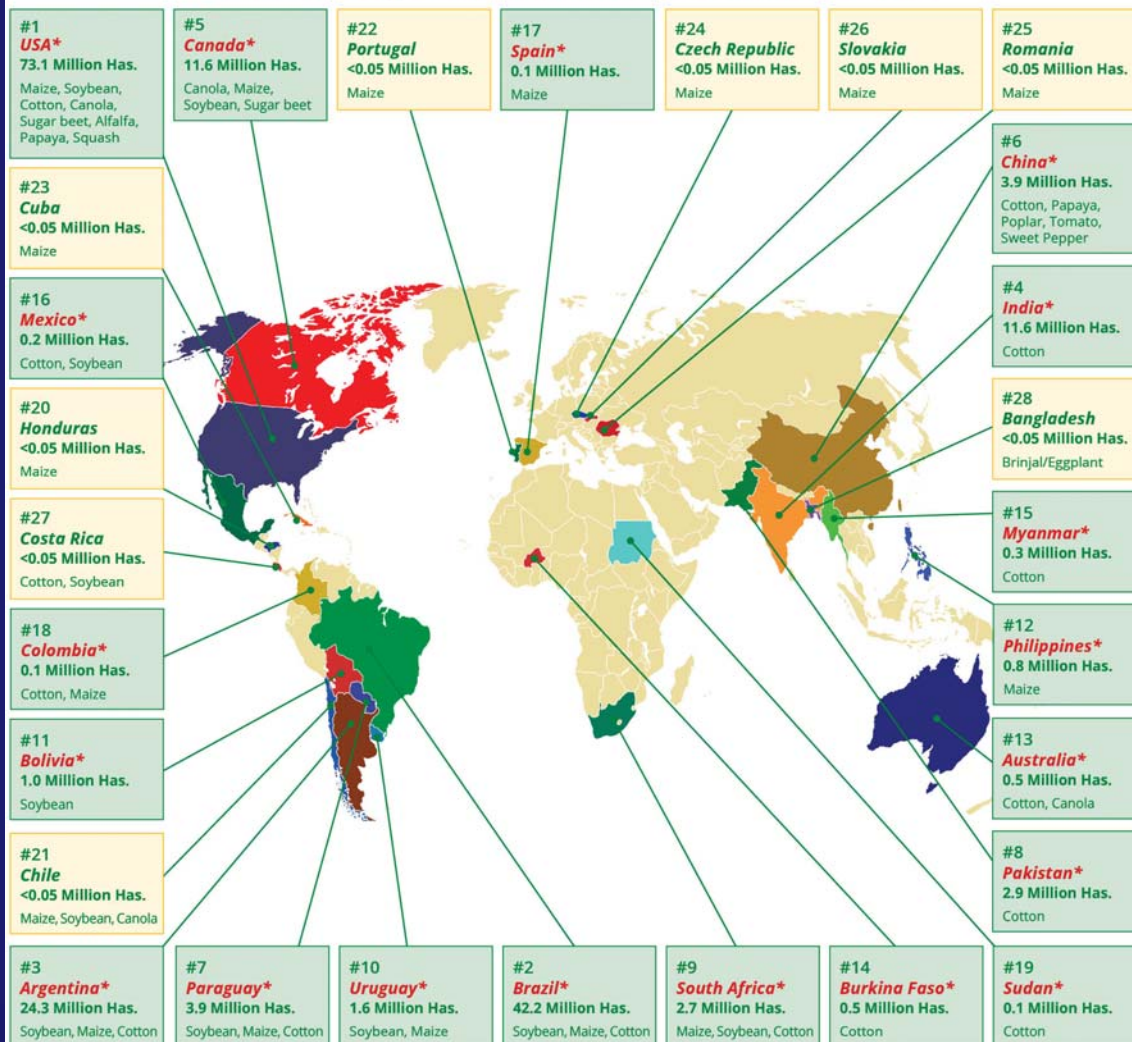


Source: Clive James, 2014
 Hectarage based on FAO Preliminary Data for 2012.

Biotech Crop Countries and Mega-Countries*, 2014



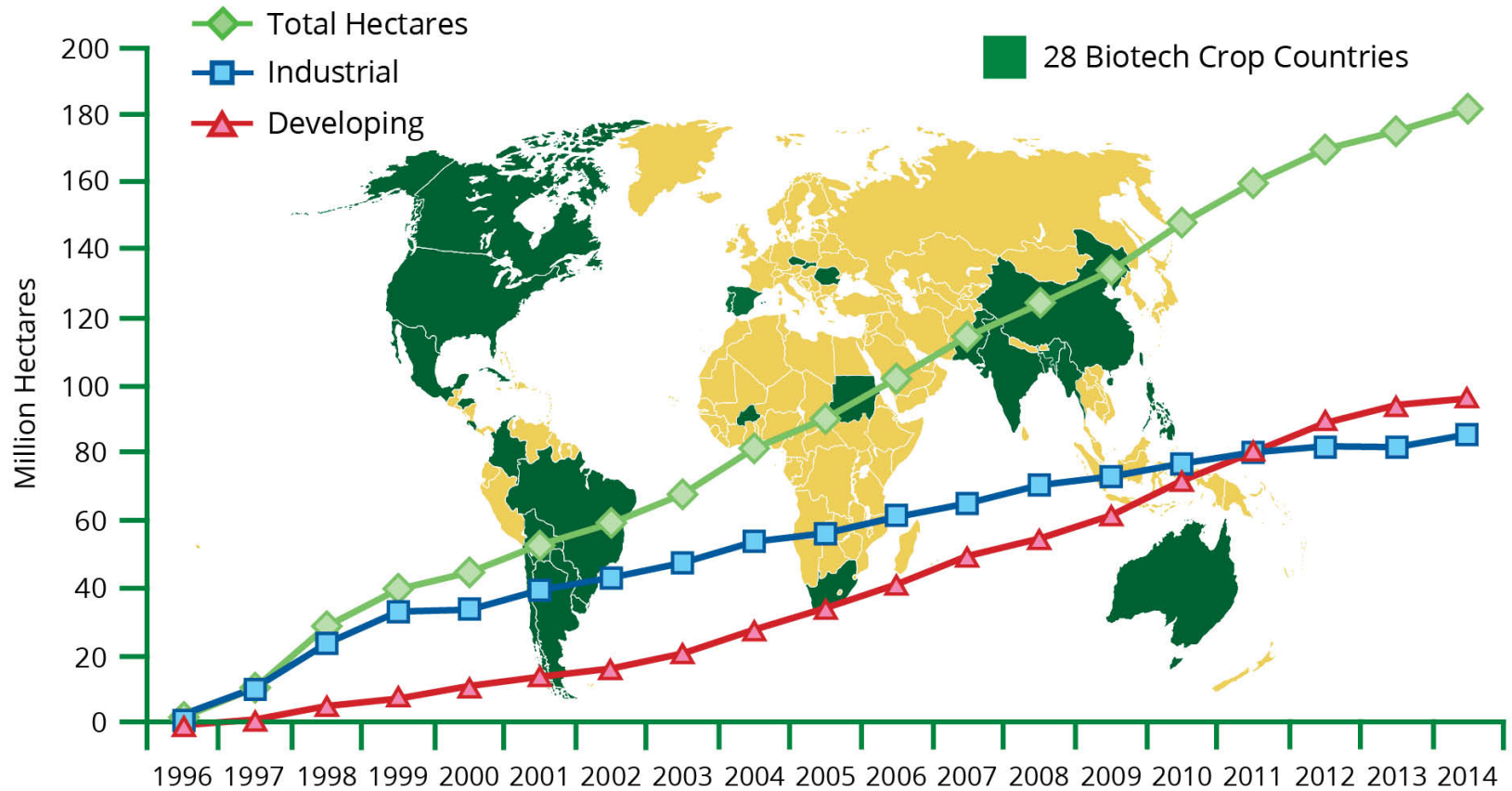
Biotech Crop Countries and Mega-Countries*, 2014



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

Source: Clive James, 2014.

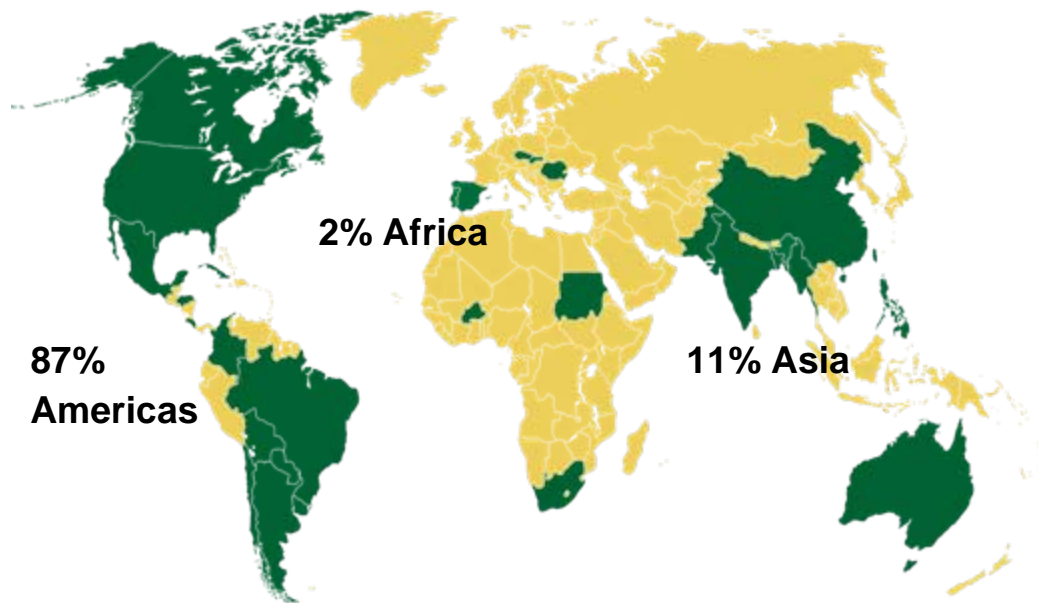
GLOBAL AREA OF BIOTECH CROPS Million Hectares (1996-2014)



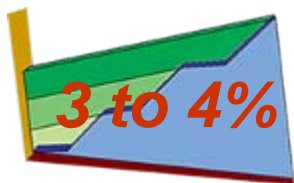
A record 18 million farmers, in 28 countries, planted 181.5 million hectares (448 million acres) in 2014, a sustained increase of 3 to 4% or 6.3 million hectares (~16 million acres) over 2013.

Source: Clive James, 2014.

Global Area (Million Hectares) of Biotech Crops, 2014: by Country



Increase over 2013



 28 countries which have adopted biotech crops

In 2014, global area of biotech crops was 181.5 million hectares, representing an increase of 3 to 4% over 2013, equivalent to 6.3 million hectares.

Source: Clive James, 2014.

Biotech Mega Countries

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

Million Hectares

1.	USA	73.1
2.	Brazil*	42.2
3.	Argentina*	24.3
4.	India*	11.6
5.	Canada	11.6
6.	China*	3.9
7.	Paraguay*	3.9
8.	Pakistan*	2.9
9.	South Africa*	2.7
10.	Uruguay*	1.6
11.	Bolivia*	1.0
12.	Philippines*	0.8
13.	Australia	0.5
14.	Burkina Faso*	0.5
15.	Myanmar*	0.3
16.	Mexico*	0.2
17.	Spain	0.1
18.	Colombia*	0.1
19.	Sudan*	0.1

Less than 50,000 hectares

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

* Developing countries