

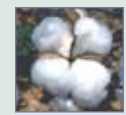
Global Status of Commercialized Biotech/GM Crops: 2008

Major Biotech Crops

Soybean



- 70% (65.8 million has.) of total global soybean planted is biotech
- US\$4B increase in farmer income in 2007
- Countries growing biotech soybean: *Argentina, Bolivia, Brazil, Canada, Chile, Mexico, Paraguay, Uruguay, South Africa, and the USA.*



Cotton

- 46% (15.5 million has.) of total global cotton planted is biotech
- US\$3.3B increase in farmer income in 2007
- Countries growing biotech cotton: *Argentina, Australia, Brazil, Burkina Faso, China, Colombia, India, Mexico, South Africa, and the USA.*

Maize

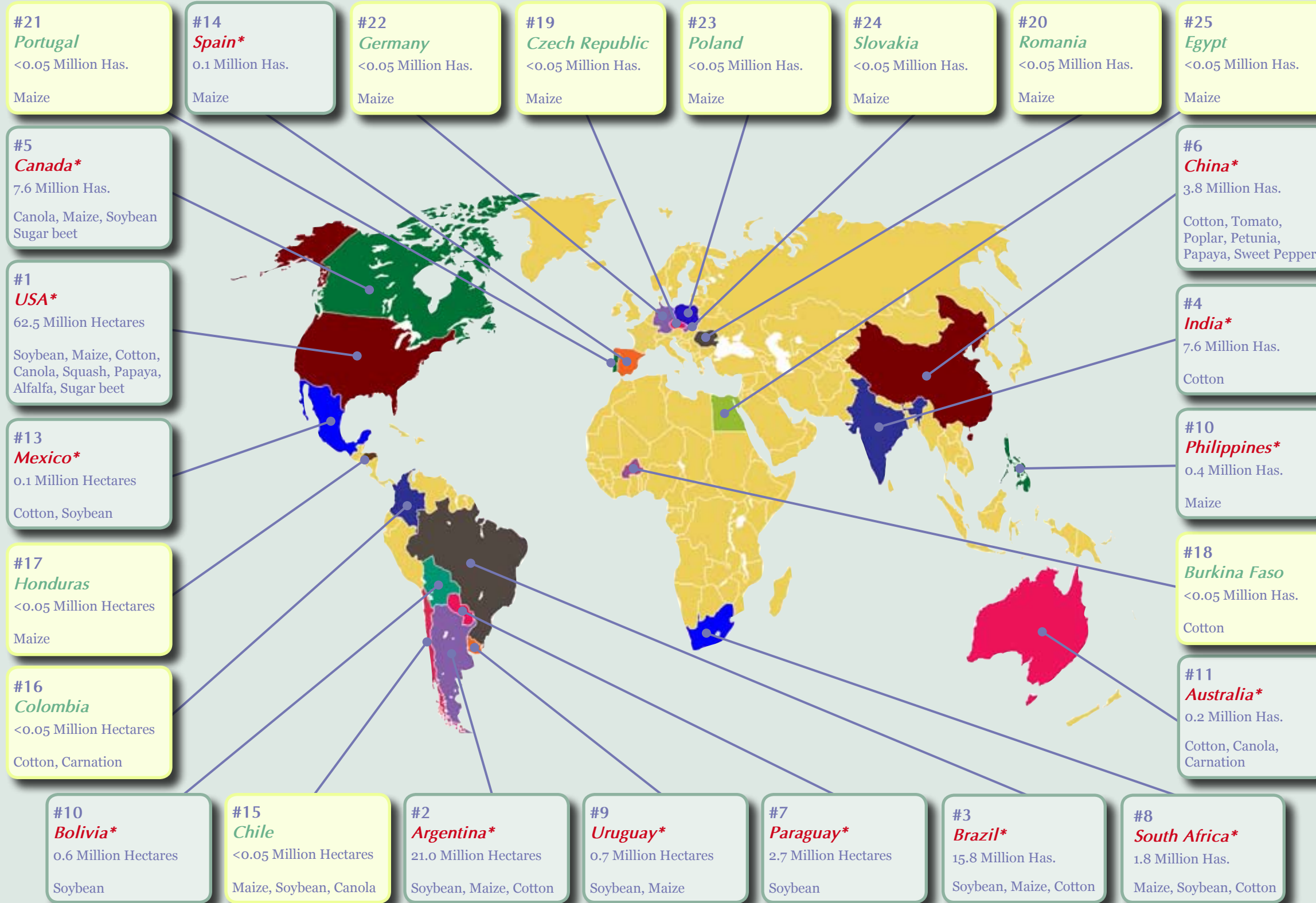


- 24% (37.3 million has.) of total global maize planted is biotech
- US\$2.4B increase in farmer income in 2007
- Countries growing biotech maize: *Argentina, Brazil, Canada, Chile, Czech Republic, Egypt, Germany, Honduras, Philippines, Poland, Portugal, Romania, Slovakia, South Africa, Spain, Uruguay, and the USA.*



Canola

- 20% (5.9 million has.) of total global canola planted is biotech
- US\$0.4B increase in farmer income in 2007
- Countries growing biotech canola: *Canada, Chile, and the USA.*



Global Area of Biotech Crops in 2008: by Country (Million Hectares)

Country	Area	Biotech crops
USA*	62.5	Soybean, maize, cotton, canola, squash, papaya, alfalfa, sugar beet
Argentina*	21.0	Soybean, maize, cotton
Brazil*	15.8	Soybean, maize, cotton
India*	7.6	Cotton
Canada*	7.6	Canola, maize, soybean, sugar beet
China*	3.8	Cotton, tomato, poplar, petunia, papaya, sweet pepper
Paraguay*	2.7	Soybean
South Africa*	1.8	Maize, soybean, cotton
Uruguay*	0.7	Soybean, maize
Bolivia*	0.6	Soybean
Philippines*	0.4	Maize
Australia*	0.2	Cotton, canola, carnation
Mexico*	0.1	Cotton, soybean
Spain*	0.1	Maize
Chile	<0.1	Maize, soybean, canola
Colombia	<0.1	Cotton, carnation
Honduras	<0.1	Maize
Burkina Faso	<0.1	Cotton
Czech Rep.	<0.1	Maize
Romania	<0.1	Maize
Portugal	<0.1	Maize
Germany	<0.1	Maize
Poland	<0.1	Maize
Slovakia	<0.1	Maize
Egypt	<0.1	Maize

* 14 biotech mega-countries growing 50,000 hectares, or more, of biotech crops.
Developing countries in italics

Biotech Crop Traits:

- Herbicide tolerance (HT)
- Insect resistance (IR)
- Virus resistance (VR)
- Delayed ripening (DR)
- Stacked traits (IR/HT, IR/IR, IR/IR/HT)

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