



## BIOTECH COUNTRY **FACTS & TRENDS**

# Bolivia

**Bolivia grew ~1.1 million hectares biotech soybean in 2015.**

There are approximately 2 million hectares of cropland in Bolivia, and soybean is a major crop in the eastern region occupying 1.28 million hectares.

Biotech RR<sup>®</sup>soybean was grown on ~1.1 million hectares in 2015 in Bolivia, a slight increase from the 2014 hectares of ~1 million hectares.

The adoption rate of RR<sup>®</sup>soybean in 2015 was ~80% of the total 1.3 million hectares.

Soybean from Bolivia is exported to Chile, Colombia, Ecuador, Peru, and Venezuela. The total soybean export in 2014 was 1.5 MMT at

US\$1.1 billion and an estimated 1.7 MMT in CY2015.

### **ADOPTION OF BIOTECH CROPS**

According to the 2015 FAO estimates, Bolivia ranks eighth in global soybean production with 1.2 million hectares, after the USA (31 million hectares), Brazil (28), Argentina (19), India (12), China (6.6), Paraguay (3), and Canada (1.8).

In 2008, Bolivia became the tenth country to officially grow RR<sup>®</sup>soybean of 600,000 hectares.

### **BENEFITS OF BIOTECH CROPS IN BOLIVIA**

The growth rate of biotech soybean plantings in Bolivia from 2008 to 2015 has significantly doubled.

It estimated that economic gains from biotech crops for Bolivia for the period 2008 to 2014 was US\$636 million and US\$107 million for 2014 alone.

### **SOURCES**

James, Clive. 2015. 20<sup>th</sup> Anniversary (1996 to 2015) of the Global Commercialization of Biotech Crops and Biotech Crop Highlights in 2015. ISAAA Brief No. 51. ISAAA: Ithaca, New York. Food and Agriculture Organization of the United Nations. <http://www.fao.org/countryprofiles/>  
The World Bank. <http://www.worldbank.org/>

### **COUNTRY PROFILE**

Population: 11 million

GDP: US\$59.2 billion

GDP per Capita: US\$5,364

Agriculture as % GDP: 10%

Agricultural GDP: ~US\$2.4 billion

% employed in agriculture: 32%

Arable Land (AL): 4.3 million hectares

Ratio of AL/Population\*: 2.0

\*Ratio: % global arable land / % global population

Major crops:

- Soybean
- Maize
- Coffee
- Cocoa
- Sugarcane
- Cotton
- Potato

Commercialized Biotech Crop: HT Soybean

Total biotech crop area and (%) increase in 2015:  
1.1 Million Hectares (+10%)

Increased farm income, 2008-2014: US\$636 million

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