

# BIOTECH CROPS [PLANTED OR APPROVED\* IN 2014] AND BENEFITS: 2014 ISAAA Global Status Report Updates

## UNITED STATES: INNATE™ POTATO APPROVED\*

- 4th most important food crop in the world
- Will not discolor when peeled
- Has fewer bruising spots
- Increases shelf-life
- Decreases potential for producing acrylamide (potential carcinogen) when potatoes are cooked at high temperatures



## INDONESIA: DROUGHT-TOLERANT SUGARCANE APPROVED\*

- Increases availability of valuable food source
- Indonesia is the second-largest sugar importer in the world, importing 2.4M tonnes at \$1.6B annually
- Decreases dependency on imported sugar
- In field trials, yield increased markedly
- Public-private partnership with Ajinomoto



## BANGLADESH: TIMELY COMMERCIALIZATION OF Bt BRINJAL (EGGPLANT)

- Less than 100 days post-approval
- One of the most nutritious and important vegetables in the country
- Significant opportunity for resource-poor farmers
- 70 to 90% decrease in insecticide sprays on a food crop



**28** Countries grew biotech crops in 2014



\*Approved in 2014: potato and alfalfa in the U.S., sugarcane in Indonesia, and maize in Vietnam. Approved prior to 2014, pending planting in 2016: virus resistant dry beans and HT soybean in Brazil.

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.

