TOP 20 Biotech Triumphs

CREATING MORE NUTRITIOUS, ACCESSIBLE FOOD

#1 By growing biotech crops, farmers have increased crop yields by 22% in the last 20 years
#2 They boosted soybean production by 138 million tons
#3 And corn production by 274 million tons
#4 A new variety of biotech rice will one day prevent blindness in 500,000 kids
#5 And drought-tolerant maize will keep 300 million Africans fed during times of drought

HELPING FARMERS EARN A BETTER LIVING

#6 18 million farmers are growing biotech crops on 181.5 million hectares
#7 90% of them are smallholder farmers
#8 Over the last 20 years, biotech crops have increased farmer profits by 68%
#9 And biotech has contributed US$133.5 billion to global farm incomes
#10 It has helped alleviate poverty for 16.5 million smallholder farmers and their families – a total of 65 million people

BOOSTING AGRICULTURE’S ENVIRONMENTAL SUSTAINABILITY

#11 With biotech crops, farmers have reduced their pesticide applications by 37% over the last 20 years
#12 That’s a 500 million kilogram reduction in pesticide applications – the weight of nine giant cruise ships!
#13 They’ve also reduced CO2 emissions by 28 billion kilograms – that’s like taking all of the cars in London off the road for five years
#14 And saved 132 million hectares of land from being cultivated for farming
#15 In Brazil, farmers saved 16 billion liters of water with biotech crops

SUPPORTING HEALTHY ECONOMIES

#16 Biotech crops are grown in 28 countries around the world
#17 8 are industrial and 20 are developing countries
#18 In India, biotech cotton boosted farmer incomes by 50% and made the country the second-largest cotton producer in the world
#19 Bt cotton also increased farmer incomes by US$1 billion in China and generated US$100 million in economic benefits in Burkina Faso
#20 Biotech crops added 1.82 million new jobs to Argentina’s economy

Sources: ISAAA, PG Economics