IN 2014, WORLD POPULATION GREW BY 75 MILLION
Here's how plant science helped farmers keep up with demand:

MORE THAN 18 MILLION FARMERS planted biotech seeds and improved yields worldwide.

Vietnam approved its first biotech varieties for cultivation and Bangladesh planted the first commercial biotech eggplant.

Since 1996, 4 BILLION ACRES of biotech crops have been planted to help farmers add 358 MILLION EXTRA TONS to the food supply.\(^1\)

Without crop protection products, 50% of global food production would have been lost to pests and disease.

Plant science technologies helped farmers produce a record cereal crop of 2.53 BILLION TONS, including:

- 725 MILLION tons of wheat
- 1 BILLION tons of maize
- 496 MILLION tons of rice

That's a 283% increase on production levels 50 years ago.

With the global population due to increase to more than 9 billion by 2050, the plant science industry will continue to help farmers sustainably increase their yields. For example:

Advanced BIOTECH TRAITS like nitrogen-use efficiency could nearly DOUBLE YIELDS of irrigated maize in Latin America and Sub-Saharan Africa in 2050.\(^2\)

CROP PROTECTION products that enhance the control of insects, diseases and weeds could INCREASE GLOBAL YIELDS of maize, rice and wheat by 20-30% in 2050.\(^3\)

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