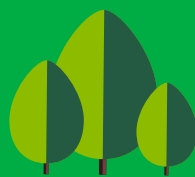


# HOW DO WE PRESERVE OUR HABITAT?

## GMOs ARE ONE TOOL THAT CAN IMPROVE

crop yields by allowing fewer acres to produce the same amount of food. This can help save critical animal and plant ecosystems including



FORESTS



PARKS



PASTURES

# 11%

In 2015, GMO crops helped preserve the equivalent of 15% of the arable land in the United States.<sup>1,2</sup>

That's nearly two thirds of all the land in America's national parks!

## IMPROVED ECOLOGY THROUGH GMOs

### DECREASES INSECTICIDE USE

Bt crops are designed to allow important, beneficial bugs to thrive, including:



BEES



BUTTERFLIES



EARTHWORMS



LADYBUGS

SINCE 1996, GM INSECT-RESISTANT CROPS HAVE LED TO A REDUCTION OF INSECTICIDE USE, INCLUDING:



**634.9 million lbs.**  
on cotton crops<sup>2</sup>



**202 million lbs.**  
on maize crops<sup>3</sup>

<sup>1,3</sup> Brookes, G. and Barfoot, P. (2018). Environmental impacts of genetically modified (GM) crop use 1996-2016: Impacts on pesticide use and carbon emissions. <http://www.tandfonline.com>

<sup>2</sup> <https://tradingeconomics.com/united-states/arable-land-hectares-wb-data.html>