



# 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

# 14%

In 2018, GMO crops helped preserve the equivalent of 14% of the arable land in the United States.<sup>1</sup>

That's almost the size of the state of Colorado!



## 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:



**729 million lbs.**  
on cotton crops<sup>1</sup>



**247 million lbs.**  
on maize crops<sup>1</sup>

<sup>1</sup> Brookes, G. and Barfoot P. (2020), GM crops: global socio-economic and environmental impacts 1996-2018. Retrieved from <https://pgeconomics.co.uk/pdf/globalimpactfinalreportJuly2020.pdf>

