

## 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







PARKS

PASTURES

57.8
million acres

In 2020, GMO crops helped preserve 57.8 million acres.1

That's equivalent to the combined agricultural area of the Philippines and Vietnam!

## **IMPROVED ECOLOGY THROUGH GMOs**

## **DECREASES INSECTICIDE USE**

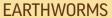
Bt crops are designed to allow important, beneficial bugs to thrive, including:





**BUTTERFLIES** 







**LADYBUGS** 

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



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



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

Brookes, G., (2022). GM crops: global socio-economic and environmental impacts 1996-2020. Retrieved from <a href="https://pgeconomics.-co.uk/pdf/Globalimpactbiotechcropsfinalreportoctober2022.pdf">https://pgeconomics.-co.uk/pdf/Globalimpactbiotechcropsfinalreportoctober2022.pdf</a>

