

BIOTECH CROP  
ANNUAL UPDATES

# Alfalfa



**BIOTECH ALFALFA** was planted on **1.28 MILLION HECTARES** in 2019, an increase of **32%** from 2018

**BIOTECH ALFALFA** was first approved for commercial planting in the USA in 2005

**BIOTECH ALFALFA** was planted in Argentina for the first time in 2019



**USA, CANADA,** and **ARGENTINA** planted biotech alfalfa in 2019



**HARVXTRA™** was first planted in 2016 with high demand from farmers because it contains **LOW LIGNIN**, has **HIGHER DIGESTIBILITY**, and offers **15-20% YIELD INCREASE**



**BIOTECH ALFALFA** adoption rates are likely to increase as more farmers realize the benefits of the technology in livestock production and farm management



For more information, visit:

[www.isaaa.org](http://www.isaaa.org)

Sources:

ISAAA. 2019. Global Status of Commercialized Biotech/GM Crops in 2019. *ISAAA Brief No. 55*.

Brookes, G. 2020. GM Crops: Global Socio-Economic and Environmental Impacts 1996-2018.