





# GMOs in Africa

Under development in Burkina Faso, Cameroon, Ethiopia, Ghana, Kenya, Malawi, Mozambique, Nigeria, Rwanda, Tanzania, Uganda

- Insect resistant (Bt) cowpea
- Cassava resistant to mosaic virus and brown streak virus
- Virus Resistant Cassava for Africa (VIRCA)
- Vitamin fortified cassava
- Vitamin A fortified and bacterial wilt resistant banana
- Potato resistant to late blight disease
- Drought tolerant maize
- Drought tolerant and insect resistant maize
- Water Efficient Maize for Africa (Drought tolerant and insect resistant GE varieties, as well as drought tolerant conventional hybrids)
- Nitrogen Efficient, Water Efficient & Salt Tolerant (NEWEST) rice
- Vitamin A fortified sorghum
- Vitamin A fortified sweet potatoes
- Virus resistant sweet potatoes

In 2018, **18 million farmers in 26 countries chose to grow GM crops**. Developing nations accounted for 54 percent of the hectares planted in biotech crops globally. **GM crops helped to reduce poverty and hunger, benefitting 16-17 million smallholder farmers and their families, totaling more than 65 million people**. GM crops also provide real environmental benefits. Between 1996-2015, the productivity gained through biotechnology saved 183 million hectares of land from plowing and cultivation. GM crops kept 671 million kg of pesticides from being released into the environment. And GM crops reduced CO2 emissions equivalent to taking 16.7 million cars off the road for a year.

(Source: ISAA 2018)

For more information visit:

<http://www.ofabafrica.org>  
and <https://aatf-africa.org>.

## Approved in Nigeria

- Insect-resistant (Bt) cowpea

## Approved in Ethiopia, Nigeria, Sudan, Kenya, Eswatini and Burkina Faso\*

- Insect-resistant (Bt) cotton

## Approved in South Africa

- Insect resistant and drought tolerant maize
- Insect resistant, drought tolerant and herbicide tolerant maize
- Drought tolerant maize
- Water Efficient Maize for Africa
- Drought tolerant canola
- Herbicide tolerant canola
- Herbicide tolerant soybeans
- Herbicide tolerant rice
- Insect-resistant (Bt) cotton
- Insect resistant and herbicide tolerant cotton

\*Cultivation currently suspended



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