

# REGULATORY LANDSCAPE FOR GENE-EDITED CROPS IN ASIA AND OCEANIA

Established regulatory criteria for new breeding innovations in countries in Asia and Oceania in the past decade



Countries where products are likely to be regulated as conventional new varieties after recent regulatory policy updates.



Countries where there are noticeable policymaking discussions over proposals to treat SDN1 as conventional new varieties.



Countries where SDN1 products should be treated as GMO according to court interpretations based on old regulations.

## AUSTRALIA, JAPAN, PHILIPPINES, AND INDIA

### ISSUED IMPLEMENTING REGULATIONS AND SOME APPROVED THEIR FIRST GENE-EDITED PRODUCTS



#### JAPAN

STARTED SALE OF GENE-EDITED HIGH GABA TOMATO IN 2021



#### GENE-EDITED WAXY MAIZE

APPROVED IN 2023; WAS NOT SUBJECT TO JAPAN'S REGULATIONS FOR GENETICALLY ENGINEERED FOOD, FEED, AND BIODIVERSITY



#### PHILIPPINES

REDUCED BROWNING GENE-EDITED BANANA DETERMINED AS NON-GMO IN 2023  
FIRST GENE-EDITED PRODUCT TO GO THROUGH THE PHILIPPINES' GENE EDITING REGULATORY PROCESS



ISAAA Inc.

For more information, visit:

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

Sources:

ISAAA. 2021. Breaking Barriers with Breeding: A Primer on New Breeding Innovations for Food Security. *ISAAA Brief No. 56*.  
ISAAA Biotech Updates. <https://www.isaaa.org/kc/cropbiotechupdate/>

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SDN1: site-directed nuclease

GMO: genetically modified organism

GABA: gamma-aminobutyric acid



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