



BIOTECH COUNTRY
FACTS & TRENDS

Indonesia



INDONESIA planted **DROUGHT TOLERANT SUGARCANE NX1-4T** for the first time in 2018, marking the resumption of biotech crop planting in the country.

Drought tolerant sugarcane was planted on 2,000 hectares in 2019, a **49% INCREASE** from the previous year.



Drought tolerant biotech sugarcane variety Cane PRT Drought Tolerant NX1-4T was developed by Indonesian State-owned company, PT. Perkebunan Nusantara XI (PTPN-11) in collaboration with Jember University in East Java and PT. Ajinomoto Company International in Japan.

Studies conducted from 1999 to 2013 revealed that the sugarcane lines contain elevated levels of betaine, a compound which stabilizes plant cells when there is lack of water in the field.



For more information, visit:
www.isaaa.org

Sources:
ISAAA. 2019. Global Status of Commercialized Biotech/GM Crops in 2019. *ISAAA Brief* No. 55.
Brookes, G. and P. Barfoot. 2020. *GM Crops: Global Socio-Economic and Environmental Impacts 1996-2018*.

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