

Republic of the Philippines
HOUSE OF REPRESENTATIVES
Quezon City

Eighteenth Congress
First Regular Session

HOUSE BILL NO. 6887



Introduced by Hon. Deogracias Victor "DV" B. Savellano

EXPLANATORY NOTE

In the midst of the global COVID19 Pandemic Crisis when ethyl alcohol used for sanitizing, started to dwindle in the market due to panic buying, the National Bio-Energy Research and Innovation Center of the Mariano Marcos State University (MMSU-NBERIC) in Batac City and former medical students of the MMSU College of Medicine started producing their own version of ethanol.

The current facility at MMSU-NBERIC can produce ethanol from any form of sugar. One of the facilities is a fully electric distiller powered by a Hybrid Solar Technology, which primarily utilizes solar power. The distiller can process 150 liters of fermented sugar solution and can produce 12 liters of 95 per cent ethanol within four to six hours of operation. The 95 per cent Ethanol will undergo blending to produce a 70 percent concentration of alcohol.

MMSU-NBERIC has also developed a semi-automatic lab-scale distiller with a capacity of 10 liters intended for optimizing and testing of formulated protocols. They are in the process of teaching the people on their own on how to prepare the molasses and ferment these into ethanol for their own supply and use.

Thus, the " Asukal Mo Ferment Mo " program of the MMSU-NBERIC is gaining headway in producing ethanol in response to the limited supply of ethyl alcohol in the province as a precautionary measure to fight COVID19. The MMSU-NBERIC in contributing to mitigate the spread of this novel virus in Ilocos Norte is partnering with all LGUs make this program succeed.

In view of the foregoing, the passage of this bill is earnestly sought.


HON. DEOGRACIAS VICTOR "DV" B. SAVELLANO

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AN ACT

**TO PROMOTE THE USE OF INDIGENOUS OR NATIVE ITEMS IN THE
PRODUCTION OF ETHANOL**

Be it enacted by the Senate and House of Representatives of the Philippines in Congress assembled:

SECTION 1. All Local Government Units thru their barangays shall promote the production of Ethanol by using any form of sugar or any other indigenous item found in the locality not only during the Pandemic crisis but beyond.

SECTION 2. This Act shall become effective fifteen (15) days after its publication in the *Official Gazette* or in two (2) newspapers of general circulation.

Approved,