



**Asia-Pacific
Economic Cooperation**

2015/HLPDAB/FOR/002

Agenda Item: 6

Multi-Stakeholder Endorsement of Bt Eggplant in the Philippines

Submitted by: Philippines



APEC
PHILIPPINES
2 0 1 5

**Forum on the Global Alliance for Agriculture
Biotech Trade Model Policy on Low-level Presence
and Genetically Modified and Organic Farming
Co-Existence**

**Iloilo, Philippines
30 September 2015**

Multi-Stakeholder Endorsement of Bt Eggplant in the Philippines

Edwin Paraluman
General Santos City, the Philippines



The ancient ancestors of eggplant grew wild in India and were first cultivated in China in the 5th century B.C. Eggplant was introduced to Africa before the Middle Ages and then into Italy, the country with which it has long been associated, in the 14th century.

Eggplant, cubed, cooked**Nutrient**[fiber](#) 10%[copper](#) 7%[vitamin B1](#) 7%[manganese](#) 6%[vitamin B6](#) 5%[vitamin B3](#) 4%[vitamin K](#) 3%[potassium](#) 3%[folate](#) 3%

Cardiovascular Health and Free Radical Protection

When laboratory animals with high cholesterol were given eggplant juice, their blood cholesterol, the cholesterol in their artery walls and the cholesterol in their aortas (the aorta is the artery that returns blood from the heart back into circulation into the body) was significantly reduced, while the walls of their blood vessels relaxed, improving blood flow.

Brain Food

Research on eggplant has focused on an anthocyanin phytonutrient found in eggplant skin called *nasunin*. Nasunin is a potent antioxidant and free radical scavenger that has been shown to protect cell membranes from damage.

Non BT compared to BT



Activist are very active





Bt eggplant



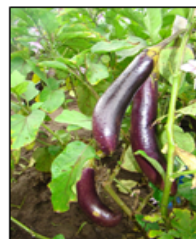
Public Dialogues on Bt Eggplant

- served as venue for the presentation of factual and science-based information pertaining to the project status, field trials, regulatory compliance, environmental and food safety, and potential socio-economic benefits of the FSBR/Bt eggplant technology

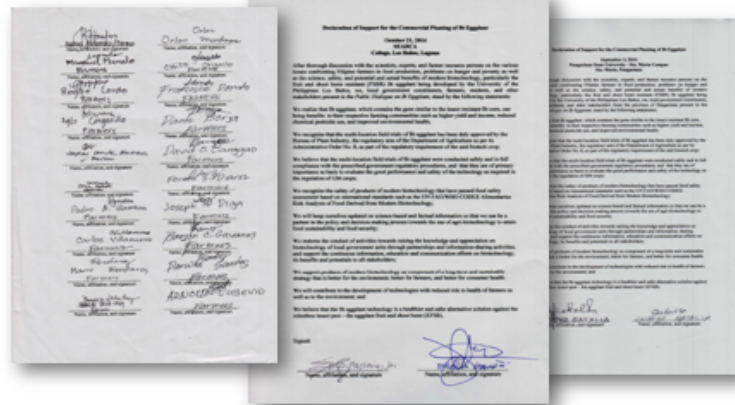


Public Dialogues on Bt Eggplant

- farmers and stakeholders were educated about:
 - agri-biotech & genetic engineering of crops
 - food & environmental safety of biotech crops
 - Bt eggplant: the science behind the technology & Integrated Pest Management prospects
 - the Philippine regulatory system & safety assessment of biotech crops
 - potential socio-economic impacts of Bt eggplant
 - farmer experiences with biotech corn



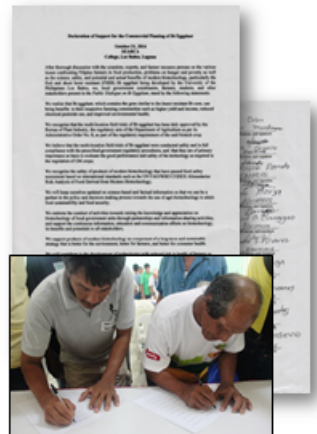
Declaration of Support on the Commercial Planting of Bt Eggplant



- Signed by the stakeholders

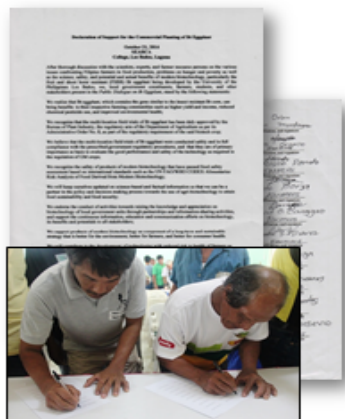
Declaration of Support on the Commercial Planting of Bt Eggplant

- The different stakeholders recognized and acknowledged:
 - the science behind the technology
 - its safety and the biosafety regulatory process
 - Bt eggplant as healthier and safer alternative solution against the insect pest



Declaration of Support on the Commercial Planting of Bt Eggplant

- The different stakeholders recognized and acknowledged:
 - the science behind the technology
 - its safety and the biosafety regulatory process
 - Bt eggplant as healthier and safer alternative solution against the insect pest



MARAMING SALAMAT