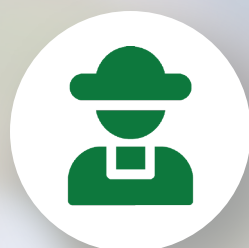


WHAT WILL FARMERS GET WHEN THEY PLANT BT EGGPLANT?



BETTER INCOME



Farmers net annual income

₱71,060/HECTARE

Gross annual income can reach

₱120,000 – ₱272,000/HECTARE



WITH CONVENTIONAL EGGPLANT, FARMERS' NET ANNUAL INCOME IS ONLY ₱20,000/HECTARE, GROSS ANNUAL INCOME AT ₱134,714/HECTARE



HIGHER YIELD



HIGH RESISTANCE to the eggplant fruit and shoot borer

99-100%
RESISTANCE TO EFSB
SHOOT DAMAGE

98-100%
RESISTANCE TO
FRUIT DAMAGE

96-99%
REDUCED EFSB LARVAL
INFESTATION



CONVENTIONAL EGGPLANT IS PRONE TO EFSB DAMAGE

42%
YIELD LOSS FROM
EFSB-DAMAGED
SHOOTS

93%
YIELD LOSS FROM
DAMAGED FRUITS

16.15
LARVAE/PLOT/
HARVEST



REDUCED PESTICIDE USE



DOES NOT NEED PESTICIDE
TO CONTROL EFSB

NO PESTICIDE RESIDUES LEFT IN FRUIT AND FARMERS

19.5%
LOWER ENVIRONMENTAL
FOOTPRINT



CONVENTIONAL EGGPLANT GETS 60-80x/CROPPING SEASON, LEAVES PESTICIDE RESIDUES IN THE ENVIRONMENT, FARMERS, AND EGGPLANT FRUITS

BT EGGPLANT ADOPTION SCENARIOS

TOTAL EARNINGS	15% OF EGGPLANT FARMERS PLANTING BT EGGPLANT	30% OF EGGPLANT FARMERS PLANTING BT EGGPLANT	50% OF EGGPLANT FARMERS PLANTING BT EGGPLANT
1st year	₱10.155 Billion	₱20.311 Billion	₱33.852 Billion
10th year	₱112.466 Billion	₱224.933 Billion	₱374.889 Billion

Taken from the study of Dr. Cesar Quicoy about the different adoption rate scenarios of Bt eggplant in the Philippines.



FOR MORE INFORMATION, VISIT:

<https://www.isaaa.org/resources/bteggplant/>

Source: Gerpacio, Roverta V. and Albert P. Aquino (eds.), 2014. Socioeconomic Impacts of Bt Eggplant: Ex-ante Case Studies in the Philippines. ISAAA, Ithaca, NY, USA and SEAMEO SEARCA, Los Baños, Laguna, Philippines.



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