

How Our Young Generation Perceive GM Food Crop

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GM Crops In Bangladesh

Genetically modified crops may help Bangladesh cope with the challenges of a growing population

BT BRINJAL- The first GM food crop in Bangladesh



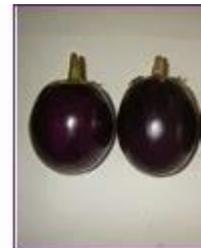
The insect-resistant Bt eggplant in Bangladesh was facilitated by the Agricultural Biotechnology Support Project II, funded by the United States Agency for International Development and led by Cornell University in very close collaboration with BARI.



Bt Uttara



Bt Kajala



Bt Nayantara



Bt ISD006

Currently, around 6000 farmers in 36 districts are cultivating four Bt brinjal varieties, such as, BARI Bt (Uttara), BARI Bt (Kajla), BARI Bt (Nayontara), ISD006 Bt BARI.

Bangladesh has joined a group of 29 countries that grow GM crops

BT BRINJAL- Scare stories, False media coverage



- Reduce yield loss due to pest damage.
- More healthier due to less pesticide residues.
- Decrease the use of insecticides by 80% or more.

intellectual property right
to gene transfer to the other brinjal varieties
Toxicity
Human and environment hazard

GM Crops In Bangladesh

Consumer's perceptions seem to play a major role in the acceptance of GE technology

As it is evident that public misunderstanding about the science behind biotechnology leads to bad reputation of GM crops in Bangladesh, a survey was done covering **175 students pursuing life sciences at five different public and private universities**. They answered several questions related to GM foods, which reflect their knowledge as well as opinion on GM foods.

Are you familiar with any of the following terms? GM, genetically modified, genetically engineered?

Do you think GM crops are harmful to society? If yes, tick the concerns you agree with.

Do you think GM foods are safe?

Labeling Should be Compulsory?

AWARNESS BUILDING UP...

- The first field trial of the Golden Rice in Bangladesh has yielded promising results, triggering prospect of the vitamin A-rich grain's release as early as 2018.
- In order to create awareness for GM food, Bt brinjal story was sahered for awareness development. Later questions were asked about golden rice, another on going GM crop assessment project going on in Bangladesh.
- 25 BRAC university students participated. There were nine questions and the result was positive so far.

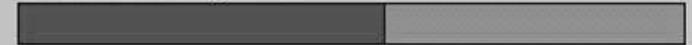
SURVEY ABOUT GOLDEN RICE

ON 25 PEOPLE OF *BRAC UNIVERSITY*

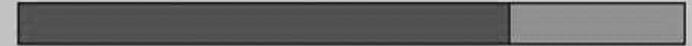
YES

NO

a) Do you think Golden Rice is enough to fulfill the requirement of Vitamin A in Bangladesh?



b) Do you have general concept of Golden Rice?



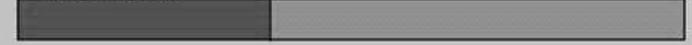
c) Do you think Golden Rice project will be successful in Bangladesh?



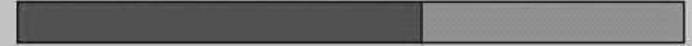
d) Do you think general people would be benefitted by Golden Rice?



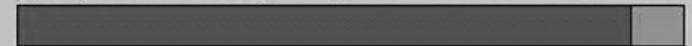
e) Do you think Golden Rice project could increase job opportunities?



f) Do you help Government to spread awareness on Golden Rice?



g) Do you think this is a good step to counterthe lack of Vitamin A?



h) Do you think that Golden Rice might have any side effects?



i) Do you think that our Government would be benefitted by Golden Rice?

