

2022/01/07 Government Policies.

Qn

In the context of Genetically modified foods, the regulatory landscape should inspire faith among the masses through scientific basis. Elaborate. Explain.

Ans

India has a challenge of feeding 10 billion people by 2050. ~~an~~ Genetically modified foods play a major role in food technology is unavoidable and desirable too. Anti-GMO food activist protest against GMO as:

- It may cause allergy in some individual
- It is believed to cause cancer.
- It has also some environmental issues.

In backdrop of this Food safety and ~~security~~ standards Authority of India released Food safety (GMO foods) standard guidelines which allow food products with label of "contain GMO" if any ingredient contain 1% of GMO. This guidelines drawn criticism among anti-GMO activities.

Though the label of Gmo will help in deciding choice for ^{between} choosing with non Gmo and Gmo foods. The guidelines has some gaps.

Gaps in the Guidelines.

- + FSSAI provision of approval of product holding Biosafety clearing house identification number does not provide any jurisdiction of whose approval is needed for provision, may lead to rigour testing.
- * The products such as bioengineered enhancers, microbes containing foods should be undertaken to studies to know its safety.
- * Confusion of a provision of Gmo containing label in infant consuming foods but other provision says no foods with Gmo should be infant consumable.

For india which is aiming increase of children nutrition needs Gmo food like "Golden rice" with vitamin A enhanced. The ~~Scientific~~ scientific attitude at one hand and good regulatory landscape on other hand only can achieve faith among people over Gmo foods.