

CS-2
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In the context of GM foods, the regulatory landscape should inspire faith among ~~citizens~~ through scientific basis. Elaborate

The FSSAI under the Genetically modified safety and standards regulations, 2022 allowed the import of GM foods. ~~and~~ The GM content will be not more than 1% in these crops.

Regulatory landscape
The regulatory authorities for GM crops such as FSSAI, Genetic Engineering Appraisal Committee (GEAC), Agriculture Produce Export development authority (APEDA) can jointly devise rules for better regulation.

The new rules can include details about the ecological impact ~~assessment~~, the GM crops that can

cause on the transmissibility. The assessment of toxicity and allergenicity of the Gm crops so that it doesn't lose magnitude in the food chain.

The compositional analyses of the Gm crops/foods can add scientific value to the Gm foods. Firstly the details about the inheritance of Gm trait over generations needs to be studied. The authorities who can test these products are also to be avid complying with Cartagena Protocol.

Last year Gm rice flour contamination was reported in EU. The reversal of regulation was insulate the discrepancies and vouch for taking up Gm food crops domestically such as golden rice.

(Time: 7:18)