

18th Sep

Q-1

Genetically modified

Ans. (GM) crops are advancement in the genetic research apply to a varieties of crop like modifying gene to achieve the desirable result.

The result or benefits that has been achieved are as follows in 2D Diagram



But then there are some issues to it

- (i) GM crops has not been successfully adopted all over world Ex:- USA still used GM
Ex:- European countries still not using it
- (ii) There are no enough scientific evidence that whether GM crops is good/bad for humans
- (iii) India need proper & resilient scientific procedure & infrastructure to carry out GM research

(iv) Change in mindset of farmers to adopt these tech.

Hence, to solve these challenges India must

- (i) Pass Biotech Regulⁿ Authority Bill 2013
- (ii) Regulate GM crops research
- (iii) Strengthen Food & Drug Authority of India (FDA)
- (iv) Introduce GM crops in a wave for crops that have successfully adopted by Developed Countries. Ex: Russia adopted Bt cotton
- (v) Provide necessary Infrastructure to FDA
- (vi) Persuade farmers to adopt these technology
One way can be subsidies

India growing population need to be take care of to ensure sovereignty & security in check ~~which can be done~~
in which GM crops can contribute