AVAILABILITY OF GM SEEDS/CROPS (Under different regulatory frameworks)

NON-GM FARMS

Socio-economic and other determinants of the decision/intention to adopt GM crops

Impacts on GM Farms

Income-related aspects

Farm profits

(Gross income-costs):
Costs:
- Seeds prices
- Herbicides and pesticides
- Labor
- Machinery
- Insurance prices & premiums
- Others

Output & gross income:
- Crop yields
- Crop quality
- Farm-gate prices
- Others

Production efficiency:
- Technical efficiency
- Allocative efficiency, including time flexibility
- Scale efficiency

Off-farm income

Health economics aspects

Economic quantification of:

a) Morbidity/mortality associated with the use of pesticides and chemicals.

b) Morbidity/mortality associated with nutrition (e.g. bio-fortified food).

c) Others

Social aspects

a) Distribution of labor by gender

b) Perceived quality of life

c) Inequality

d) Others

Ethical & cultural aspects

a) Moral values

b) Indigenous knowledge and culture

c) Distribution of justice

d) Others