

Bt crops resistant to insects

OBJECTIVES:

- 1- To know the benefits and disadvantages that this technology implies
- 2- Are these crops useful to large scale?

Safe for consumers:

- Human species is immune to the toxin
- There are no evidences proving the allergic effect of Bt crops

Environmental impact:

- Over time, the insects get resistance to this bacteria
- Useful species can also be affected
- The resistance can be delayed through some strategies (available en “Integrated Pest Management”)

Socioeconomic impact:

- Bt seeds are more expensive, but the need for pesticide is much lower

CONCLUSIONS:

1. The use of Bt crops should be stimulated in regions with high pest risk and also in developing countries.
2. Need for further investigation

