

⇒ The organisms whose genes are modified are called genetically modified organism (GMOs) or transgenic organisms.

Q:- Describe the role of biotechnology in Agriculture and health?

(Ans):- Role of Biotechnology in Agriculture,
Biotechnology has played an important role in improving our agricultural yield.

Using Herbicides (weed killing chemicals) and Pesticides (insect killing chemicals) can affect quality of food.

⇒ Biotechnologist insert weed and pest resistant gene in plants. Cultivation of such genetically modified crops improve the quality of crops and make them safe for human use.

⇒ Proteins in legumes and cereals may be transformed to provided the amino acids needed by human being for a balance diet.

⇒ Moreover taste, texture and appearance of the foods may be improved.

⇒ Major modified crops are.

→ Maize