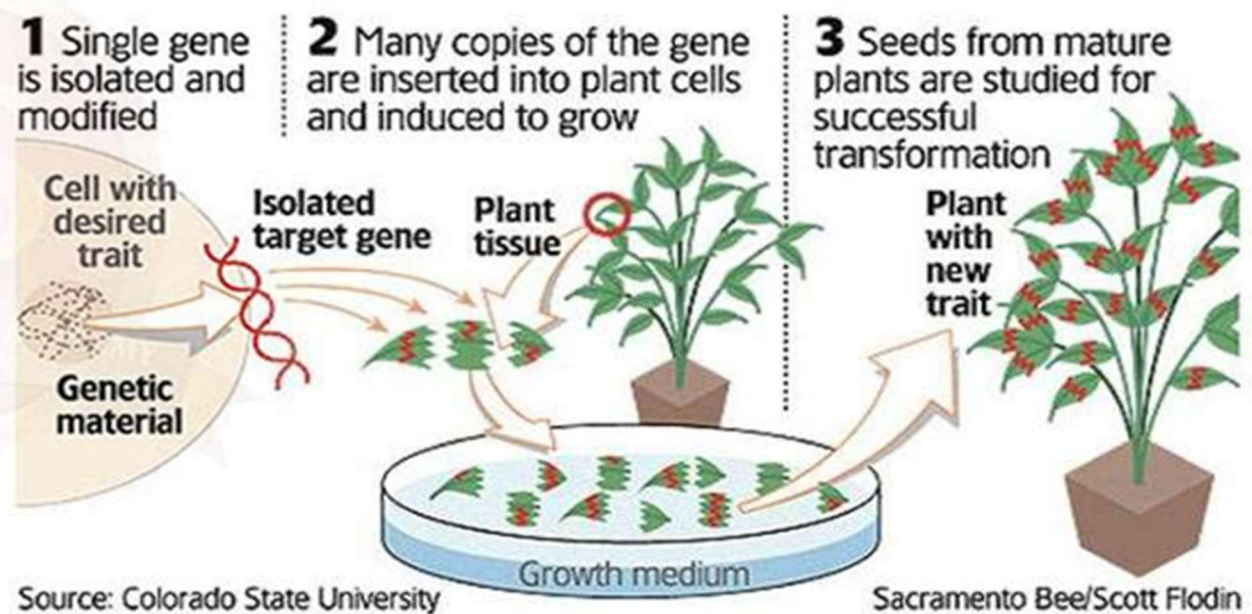


## GM crops:

- Plants whose DNA has been altered using genetic modification (GM).
- GM- introduction of specific genes into the plant's DNA to confer desirable traits or characteristics.
- Common way of inserting- gene guns method.
- Other techniques- electroporation, microinjection and agrobacterium.

### **Genetic engineering**

Researchers isolate a gene from an organism that has the trait they want to impart to a plant.



#### Purpose:

- Higher yields,
- Enhanced nutritional value,
- Longer shelf life,
- Increased resistance to droughts,
- Increased resistance to insects, pests,
- Increased resistance to herbicides.

#### Examples:-

Disadvantages of Genetically Modified Crops?

**Allergies, other anti-nutritional factors in foods, Resistance to antibiotics, Cancer**