

Chapter 8

CHALLENGES IN IMPROVING AGRICULTURAL PRODUCTION

Fertilizers:

- They are commercially produced plant nutrients.
- They ensure the nutrient benefit of the soil.

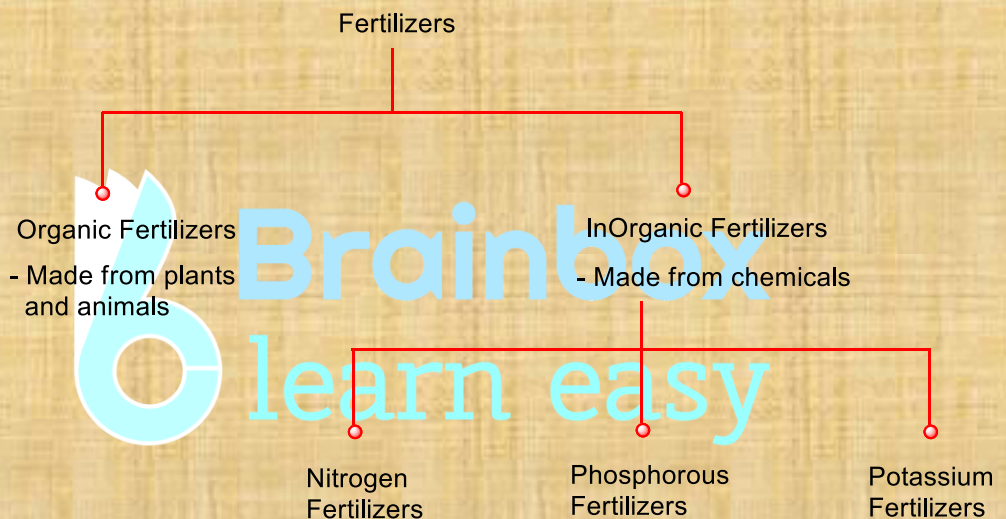


Fig. Fertilizers

Functions of fertilizers:

1. They are water soluble, hence they are easily soluble in water and absorbed by the plants.
2. They provide important nutrients such as nitrogen, phosphorous and potassium to the soil.
3. They are responsible for high yields.

Organic Farming:

- This is a type of farming system in which there is no use of chemicals in the form of fertilizers(Insecticides, Herbicides & Pesticides).
- Here all the resources are used optimally to get maximum, chemical free yield.





Fig. Organic farming

Irrigation:

- It is the artificial process of applying water to the crops to fulfil their water requirements.
- It is done with the help of canals, wells, River lift system, tanks, rainwater harvesting and watersheds etc.



Fig. Irrigation