

CLASS 8 ICSE BIOLOGY
FOOD PRODUCTION AND MANAGEMENT - I

Useful micro-organisms
(Handy CuRVeS)

- Tanning of **H**ides
- **A**ntibiotics
- **N**itrogen-fixing
- **D**ecomposers of waste
- **Y**east used in bakeries and distilleries
- **C**urds
- **R**etting of fibres
- **V**inegar and Vitamins
- **S**oil fertility

Useful plants (CFCs are useful but in plants!)

- Cash crops – rubber, tea, coffee, spices
- Food crops- cereals, pulses, oil seeds (Can be kharif or rabi)
- Crop plants- tubers, sugar crops, fibre crops, oil and cereal crops

Agricultural Practices

- Preparation of soil
- Sowing
- Adding manure and fertiliser
- Irrigation
- Protecting from weeds
- Harvesting
- Storage

{**Please Show Farm Men In UP Handy Seven agricultural practices** (Preparation of soil, Sowing, Fertilizers & Manure, Irrigation, Unwanted Plants, Harvesting, Storage)}

Types of soil

Clay soil	Loam soil	Sandy soil
 low percolation	 ideal percolation	 high percolation

Effects of using pesticides/insecticides

- Help to eradicate pests and insects
- Increase yield
- Can accumulate in body of animals and humans
- Can cause harm to soil and food chains

Good agricultural practices

- Crop rotation
- Multiple cropping
- Organic farming
- Bio fertilizers
- Biological control of pests and weeds