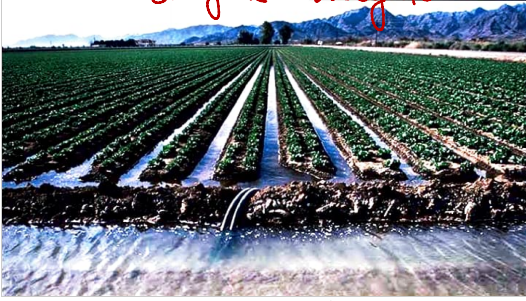


Surface Irrigation



Localised irrigation /



Drip irrigation

Sources of irrigational water :-

- 1) lakes
- 2) wells
- 3) ponds
- 4) canals
- 5) tubewells and
- 6) dams.

Surface Irrigation -

- no water pumps involved
- overland flow of water

Sprinkler Irrigation



Localised Irrigation

- Trickle Irrigation
 - micro irrigation system.
- capable of saving water

Center pivot Irrigation



Sprinkler Irrigation

Water is distributed from a central location. from high pressure sprinklers.



Center pivot irrigation

- water wheel
- circle irrigation

Equipment rotates around a pivot and crops are watered with sprinklers.

Sub Irrigation

Water is distributed through a system of pumping station gates, ditches and canals by raising the water table.

→ Manual Irrigation

- labour intensive
- time - consuming

Traditional

&

Modern

- Manual Irrigation

- Lever system
 - Pulley System
 - chain pump.
 - pump system.
-

Animal Husbandry

- ↳ animal rearing
- ↳ breeding of animals
- ↳ Raising them for milk, meat, eggs, fiber

"livestock rearing and selective breeding"

→ Management and care of animals in which the genetic qualities and behaviour of animals are further developed for profit.

'Milk' animals - cow, buffalo, goats, etc.....

Types of Animal Husbandry

1) Dairy farming - -

2) Poultry farming -

3) Fish farming - Pisciculture

Extensive
aquaculture

Intensive
aquaculture

4) Bee farming - Apiculture

apiary or a bee yard is the place where bees are kept.

Role of Animal Husbandry in Human Welfare

↳ food products

↳ leather, fibres, etc. . . .

↳ manure

↳ providing labour. [non-human labour]
