

Animal Husbandry

Dairy farming

Cows

3 types of breeds based on their economic value:

Milch breed: Sahiwal, Gir

Draught breed: Nagori, Malvi

Dual breed: Thanparkar

Exotic breed: Jersey, Holstein Friesian

Hybrid between a Indian breed and foreign breed: Frieswal (Hybrid of Holstein Friesian and Sahiwal)

Food to be given: Roughage(Source of fibre)

concentrate(Source of Vitamin and Mineral)

Buffalo breed- Bhadawari, Surti

Sheep breed- Pashmina, Berari

Goat breed- Malabari, Lohi

Disease	Causal Organism	Symptoms
Cattel Plague	Rinder pest Virus	Diarrhoea and loss of appetite
Antheax	Bacillus anthracis	Milk production decreases, inflammation in neck and stomach
Salmonellosis	Salmonella sp.	High temperature, blood comes with stool
Foot and Mouth disease	Aphthovirus	Lesions in mouth, wounds between toes

Poultry Farming - Raising of domesticated birds

Laying breed- Leghorn, Minorca

Table breed- Broiler, Aseel

Dual breed- Sussex, Rhode Island Red

Farming method:

The deep litter system is a poultry farming method where chickens are raised on a thick layer of bedding in a coop or run(shelter). The bedding is continuously added as it decomposes, creating a compost heap that enriches the soil.

Nutritional needs:

For Broiler: Protein, fat and vitamin A and K are provided in high amount.

For layer: Adequate amount of protein and Calcium should be given.

Disease	Causal Organism	Symptoms
Fowl Cholera(Bacterial)	Pasteurella multocida	Fatigue, frequent bowl movement
Aspergillosis(Fungal)	Aspergillus sp.	Breathing problem and loss of appetite
Avian Influenza(Viral)	Influenza A virus	Fever, fatigue, cough
Ranikhet(Viral)	Avian Paramyxovirus type I	Breathing problem, shivering and paralysis in wing and leg
Ascariidiasis(parasitic)	Ascaridia galli	Weight loss and Anemic condition