

unit-1

Indian poultry industry

1.1 Importance of poultry farming and poultry development in India

Importance of poultry farming :-

poultry farming involves raising domesticated birds such as chickens, turkeys, ducks and geese.

* It is an important agricultural practice for several reasons:-

⇒ It is a significant source of protein and essential nutrients for human consumption.

⇒ It creates jobs and contributed to the Economy and it is a more sustainable form of

livestock farming compared to other methods.
⇒ poultry products provide food, nutritional benefits, Employment opportunities, Economic gains, and Sustainable by products like fertilizer.

Poultry :-

⇒ poultry refers to domesticated birds, that are raised for their meat, Eggs, or feathers. It includes chickens, ducks, turkeys, pheasants, pigeons, guinea fowl and partridges etc.

Broiler:-

⇒ Broilers are those fast growing poultry birds of young age which are kept and used only for meat purpose and produce tender meat with so it pliable and flexible breast bone cartilage.

⇒ They attain live body weight of 1.8 kg or more by consuming 2-2.6 kg of feed in 33-37 days.

~~pigeons~~

Layer :-

→ which lay table quality Egg (for food of human consumption) Laying starts from ~~the~~ 17 weeks and may lay 150 to 330 Eggs per year.

Breeders :-

Birds of both sexes which are kept for breeding purpose to obtain fertilized Egg for hatching to get chicks, i.e., broilers or layers.

Importance of poultry farming :-

- It provides Egg and meat, which are highly nutritive supplementing fats and have high quality protein.
- It provides Source of income and opportunities of Employment at poultry farms, hatcheries, poultry processing units, Equipment manufactures, meat and Egg marketing Channels etc.
- Quick returns Can be Expected from the investment.
- poultry farming is an Essential agricultural practice that involves the raising of domestic birds such as chickens, turkeys, ducks, and gees for their meat, Eggs and feathers here are some reasons why poultry farming is important :-

- * food production
- * Nutritional benefits
- * Job Creation
- * Economic benefits
- * Sustainable farming
- * Source of by-products

→ Food production :-

→ Poultry farming is a significant source of protein for human consumption.

→ chicken, turkey, and duck meat are popular choices for meat-eaters, while eggs are a staple food item for people all over the world.

Nutritional benefits :-

→ Poultry products are a good source of essential nutrients, such as protein, vit B and iron.

⇒ They are also low in fat, making them a healthy food option.

Job creation :

Poultry farming creates job opportunities in both rural and urban areas. From workers to poultry veterinarians, the industry offers a range of employment options.

Economic benefits :-

Poultry farming contributes to the economy by providing a source of income for farmers and generating revenue for the government through taxes.

Sustainable farming :-

Poultry farming is a sustainable agricultural practice that produces less greenhouse gas and requires less water and land compared to other livestock farming methods.

Source of by-products :-

Poultry farming also provides by-products such as feathers, manure, and chicken litter, which can be used for other purposes such as fertilizer, animal feed, and biogas production.