

Poultry Farms

Is a place to breed domestic birds for the purpose of production egg or meat or both together some farm breeding the adult chickens.



Domestic birds include

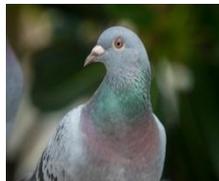
1-Chicken

2-Duck

3-Pigeon

4-Turkey

5-quail



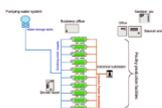
Poultry Farms

Commercial poultry farm contains several departments:

1-Management department

2. Services department

3. Production department



Types Of Poultry Farms

There are two types of farming:

1. **Broiler Farm:** from 1day-5 weeks.
2. **Layer Farm:** this type includes (table egg and hatching egg) which have 3 types of houses:
 - A. **Brooding house:** from 1 day_ 5 weeks.
 - B. **Rearing house:** from 6 weeks -22 weeks. For rearing chicks until they reach to maturity age and start egg production.
 - C. **Production house:** from 22-72 weeks (when chick starts laying first egg to the end of production period).



Culling or Insulation Room

Veterinary laboratory equipped with equipment and vaccines to isolate the dead or sick birds in order to inspect or exam them and check to determine the type of disease and give treatment.



Burning (incinerator)

Special hole to get rid of the dead birds and to prevent spread of diseases.



Poultry farm Equipment

1. Feeder

Is an equipment that feed is placed inside it. Feeders are available in different sizes according to the age of bird and method of breeding ,design of farm , and cost. According to feeding system we have :-

Hand trowels : two types 1-longitudinal floor feeder

2-round feeder

Automatic feeder : two types 1- chain feeding system

2- pipe feeder



Poultry farm Equipment

2. Drinking places (Waterier)

Places where water put with different sizes depending on the age of bird and method of breeding. To keep the drinking places clean, watering should place higher than the litter to avoid the contamination of water with litter. We have two main types of drinker :

Manual drinker

Automatic drinker



3.Nests

Boxes where the chickens lay eggs nests must be wide, easy to sterilize and cleaning, good ventilation and should be dark to avoid possibility of eating eggs.

Numbering

Plastic or metal signs in different forms put in the neck or wing or legs for differentiate between birds .



Balance (scale)

Used for egg weight for different breeds and for different age to record the increase in weight.



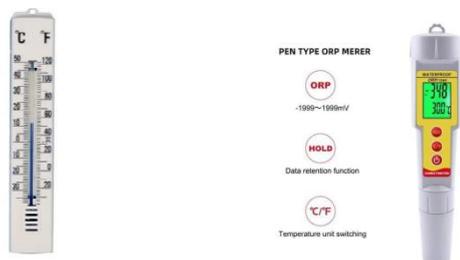
Candling

A device that is provided with a lamp which allows the light to pass through the egg in order to view the contents of the egg the development of the embryo and the size of the air space.



Thermostat

A device uses in hatcheries to regulate the temperature and to maintain the optimum temperature.



Hygrometer

Equipment which is used to measure relative humidity



Brooder

This way of heating is common in Iraq, it is a metal dish contains gas heater that is attached to a suitable height to warm the chicks and can be controlled according to the need for chicks to heat.

