

3-Favus (Ring worm) or Dermatophytosis Or Dermatomycosis

* **Definition:** it is **chronic dermatomycosis** characterized by development of **grayish-white crust** on the **comb, wattles** and may extend to other part of body.

* **Etiology:-**

The disease caused by **Trichophyton gallinae**.

* **Susceptibility:-**

1-**Chicken, turkey, duck, pigeon, wild birds** are susceptible to disease.

2-**Heavy breeder especially older one** is more susceptible than other.

3-**Man and other mammalian** are susceptible to disease.

* **Mode of Infection:-**

Disease gets infection by **direct contact** in addition to overcrowding in chicken increase incidence of disease more through **contaminated food and water**.

* **Clinical Signs:-**

1-Disease start as **small grayish-white crust** on the **comb and wattles** and as progressed it can **coalescence** to each other forming **dark grayish wrinkled crust** in older birds, particularly after **4 months**.

2-Disease may be affect **neck and other part of the body** leading to **fall of the feathers** and there is **emaciation** and weakness.

* **Diagnosis:-**

1-Case history and clinical signs.

2-Smear can be done by **scratching the comb and wattle, adding 10% (KOH)** to sample and look under microscope.

***Differential Diagnosis:-**

Disease sometime confused with following:

1-Pox.

2-Scar due to fighting.

***Prevention and Control:-**

1-Mild cases can be isolated.

2-House must be disinfectant with **iodine**.

3-Washing with detergent.