

GIZZARD IMPACTION AND DEATH OF POULTS

-A REPORT

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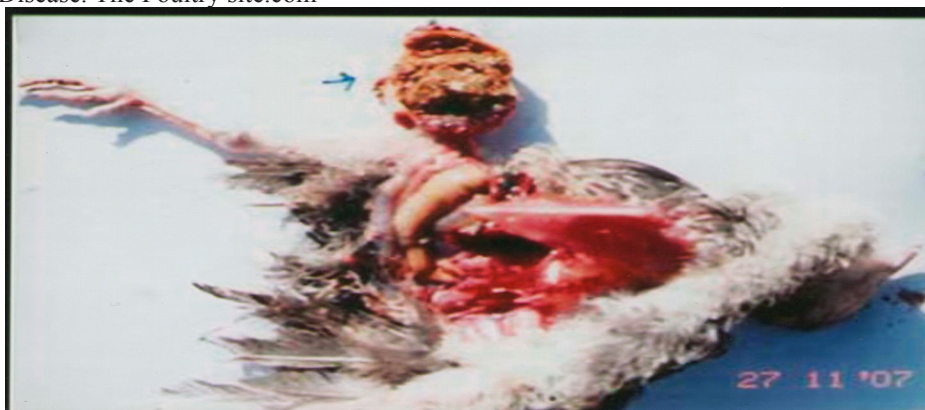
Theni

Successful farming is as much a matter of good management. A deviation / fault in the management may lead to very severe consequences, in spite of having the healthy stock.

A turkey farm near by Theni was experiencing continuous mortality among 45 days old poults and lost 175 poults out of 500. The mortality was not able to be controlled by medication. On farm investigation made us to understand that, the problem was the ill ventilated house with coconut coir litter material. Postmortem examination conducted on the carcass and the ailing birds showed the mass of thick fibrous coir material occluding the passage of gizzard (Fig.1). The mucus membrane of the gizzard was more firm than normal and there was little erosion in the lining of the proventriculus. Crop and intestine were empty and coated with tenacious clear mucous. Mullin, P.M. (2004) described that the young poults left uncared in the housing tend to consume litter material as experienced in the present case. He also detailed that the impacted gizzard become more firm and no treatment is effective in young birds except culling the affected birds. In the present case, the number of death was reduced once the birds were removed out from the dark, ill ventilated house and maintained freely with proper ration. However, all the poults engulfed the coir material were succumbed to death.

REFERENCE

Mullin, P.M. (2004). Impaction and foreign bodies of Gizzard. In “A Pocket Guide to PoultryHealthand Disease. The Poultry site.com



A utopsied bird showing the impacted gizzard with coir materials (Arrow)