

# ANIMUNIN

(For Maintaining Normal Respiratory Functions)



*We know Herbs better for over 50 years*



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## (For Maintaining Normal Respiratory Functions)

In the intensive poultry farming the incidence of respiratory diseases including Complicated Chronic Respiratory Disease (C.C.R.D.) has increased due to large number of birds kept in close proximity and lesser biosecurity. Due to stress of rapid growth, birds all the time remain highly vulnerable to respiratory distress. It is, therefore, necessary to use such safe and effective prophylactic measures, which may also help in improving F.C.R. and growth. When protective mechanism in the respiratory tract or bird's resistance is compromised, infection of the epithelium of the respiratory tract hampers normal clearance of secretory products. The pooling of such material in the lungs results in pulmonary lesions and the affected birds show difficulty in respiration. Chemical drugs have inherent drawbacks such as toxicity, various contra-indications and drug resistance etc., besides causing stress and growth depression. Moreover, antibiotics are effective for treatment against bacterial infection only but have no role in prevention as they do not confer any immunity against C.C.R.D. Involvement of allergens causes typical symptoms such as gasping, rales, nasal discharge etc in birds. It is known that in the early stages, it is merely a mechanical problem which due to multifactorial etiologies like bacteria, viruses, mycoplasma and allergens etc. slowly develops into C.C.R.D., when respiratory system is not kept clean and optimally functional. Injudicious use of antibiotics as preventive leads to drug resistance and renders them to be ineffective when required to be used later as therapeutics against microbial infections.

**Animunin is a herbal feed supplement which functions like a respiratory antiseptic and helps to maintain normal respiratory functions and promote production performance in challenging conditions, due to its following beneficial effects:**

- Helps strengthen the protective mechanism and functioning of respiratory system and ensures normal breathing.
- Soothes the respiratory tract and helps easy excretion of mucus and keeps the respiratory system clean and optimally functional.
- Facilitates easy breathing with maximum absorption of oxygen by the lungs.
- Helps to maintain respiratory functions in presence of allergens and other challenging factors, thus the birds do not have to face the stress of gasping, rales, nasal discharge etc.
- Dislodges the micro-organisms that are permeated along with dust into the air sacs which are then easily thrown out; pathogenic infection is thus discouraged.
- Keeps the lungs clear and thus prevents upper respiratory tract discomforts and possibilities of secondary infections.

**Thus Animunin can be used as feed supplement to maintain normal respiratory functions in the poultry birds prone to C.C.R.D. and Respiratory Disease Complex etc., and to simultaneously improve their F.C.R. and production performance.**

### USAGE

- To maintain a clear respiratory system, free from mucus build up and least prone to respiratory problems.
- To maintain respiratory health and production performance in presence of allergens, microbes and other challenging factors at the farm.
- To facilitate easy breathing with optimum oxygen uptake by the lungs.
- To maintain normal respiratory functions along with optimum growth and improved F.C.R., in the face of environmental conditions that challenge respiratory functions e.g. change in weather, cold environment, and particularly during susceptible period of 4 to 10 weeks of age in chicks.
- As supportive to antibiotics for fast and complete recovery from severe respiratory infections.

### PREVENTION

#### Animunin Powder

750 gm per ton of feed

**Broilers:** To be given regularly.

**Layers :** To be given regularly or 15 days every month, as required.

The same feed inclusion rate is recommended for breeders.

### IN CHALLENGING CONDITIONS

#### Broilers

1-2 wks

3-4 wks

5-6 wks

#### Layers

1- 8 wks 8 ml

9-20 wks 16 ml

21-72 wks 32 ml

To be given for 10-15 days or as required.



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