



# FIELD TRIAL REPORT OF

## OLBAC AND AURORD DS

### 1.1 INTRODUCTION

**OLBAC** is a unique essential oil blend to prevent and control bacterial and coccidial infections in poultry.

**AURORD DS** is a unique essential oil blend to prevent Chronic Respiratory Disease. It is a powerful mucolytic, expectorant and bronchodilator.

A trial was conducted in Vishwaas poultry farm in bhagwanpur village, Meerut, West U.P to evaluate the efficacy of **OLBAC AND AURORD DS** in prevention and control of CRD and Coccidiosis infection.

#### Poultry farm details:

<b>Location</b>	: Meerut, West U.P
<b>Average weight</b>	: 1050 gm
<b>Approx number of birds</b>	: 4500 birds

### 1.2 METHOD

- The study was conducted on a commercial poultry farm in west UP with 4500 birds.
- In the bird's flock, Bloody faeces, coughing and running nose & eyes symptoms observed in few birds.
- 4,500 affected birds of 22 day age were selected. Treated Group (treated with essential oil formulation) consisted of 4500 birds received 60 ml olbac per 200 litre water and 300 ml Aurord DS per 1000 liter water as supportive therapy for 5 days to control the Chronic respiratory disease and caecal coccidial infections in birds.

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### 1.3 APPLICATION

**OLBAC :-As Supportive Therapy against bacterial and coccidial infection:**

- 50-80 ml per 200 Lt. of drinking water for 5000 birds daily for 5 to 7 days, Continue if necessary.

**AURORD DS:-As Supportive Therapy against CRD infection**

- 300-400 ml per 1000 liters of drinking water for 5000 birds for 5 to 7 days.

### 1.4 OBSERVATION

- Observed the average mortality rate, average body weight and morbidity (%) in treated group for 5 days. The Clinical observation are summarized in Table 1 and CRD and Coccidiosis mixed infection was shown in Fig. 1 and 2.

**Table 1 :**

S.No.	Parameters during observation period	Before treatment	After treatment
1.	Average Mortality rate per day	2.5 %	0.3 %
2.	Average Body weight	1050 gm	1470 gm
3.	Morbidity (%) CRD and Coccidiosis mixed infection	45%	4 %

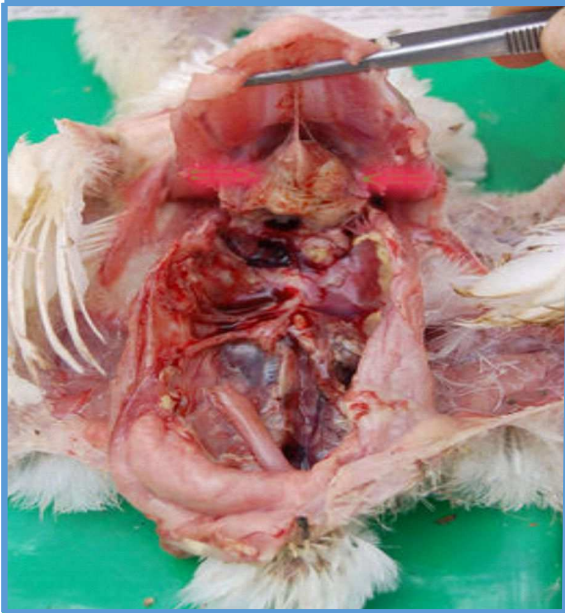
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**Fig. 1**



**Collibacillosis**

**Fig.2**



**Chronic respiratory disease -  
Air-sacculitis, Pericarditis, perihepatitis**

- Through this observation we demonstrated that affected birds supplemented with Olbac and Aurord DS found with reduced mortality rate, morbidity rate and improved body weight.

#### **1.4 RESULTS AND DISCUSSION**

- Bird health parameters were improved during the observation period.
- The combination of OLBAC and AuroRD DS had been found effective in prevention and control of Bacterial infections, Coccidial infections and Chronic respiratory disease in poultry.

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