**EFFECT OF SAW DUST ON WEIGHT OF GIZZARD & LIVER, PH & MICROBIAL LOAD IN CAECAL FLUID OF BROILER.**

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**A PRODUCTION REPORT SUBMITTED**

**BY**

Intern ID**: C-23**

**Roll No: 08/35**

**Registration No: 377**

**Session: 2007-08**

***Report presented in partial fulfillment of the requirement for the Degree of Veterinary Medicine (DVM).***

**Chittagong Veterinary & Animal Sciences University**

**Khulshi, Chittagong.**

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# *Approved as to style and content by*

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# Abstract

The experiment was conducted to know the effect of saw dust as unconventional feed ingredients in broiler ration. The diets purchased from local market contained 3100 ME (kcl/kg feed),Cp 22(g/100g).Diet was replaced by 6% of sawdust collected from nearest sawmill. After 5 days of feeding trial broiler finishers were slaughtered for measurement of variables. Average Liver weight in sawdust diet was 33.0 gm, Gizzard weight was 39.0 gm, ph of caecum and colon fluid was 6.67,7.3 respectively. Microbial load by 30 focus was examined & counted as 359 colonies in caecal fluid. No Mortality was found among the treatments. It may be concluded that there may be differences in above parameters in different breeds, age, sex. However, sawdust are abundant in the country, it can be used as unconventional feed in the diet of poultry ration to make it cheaper.

**Key words:** saw dust , broiler ration, liver weight and gizzard weight, ph of caecum and colon, microbial load of caecum.

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