**A Report On**

**Egg Production Performance Of Three Genotypes Of Duck Reared In The Coastal Area Of Bangladesh.**

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**Chittagong Veterinary and Animal Sciences University**

**Khulshi, Chittagong-4202**

**May 2012**

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**A Production Report Submitted as per approved style and content**

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**The Author**

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 **Abstract**

The data was provided by Md. Moklesur Rahman,Scientific officer,B.L.R.I., as a secondary data for analysis of the production parameter of 3 genotype of duck breed named Khaki Campble, Jinding and Deshi breed. The present study was carried out to estimate the egg production characteristics of Khaki Campble , Jinding and Deshi duck eggs. The Khaki campble produced eggs with bigger size and weight which resulted more egg mass weight than Jinding and Deshi but intermediate in egg number which was highest in Jinding. The production performance of these three kind of ducks differs in different parameter like total no. of egg production, average no. of egg production , total egg mass production, egg mass production ,age at sexual maturity, average egg weight, survivability etc. The ducks were reared by semi scavenging system for 20 weeks. This study can be used for proper selection of ducks in the costal area, what can easily adaptable for the region and found that Jinding egg production is the best. The result was the average egg production of Jinding was 86 and 81 in Barisal and Bhola respectively and mathematically we found that it was 224 and 211 yearly fro Barisal and Bhola respectively. The egg production performance of J was 41.35, 41.33 followed by 35.57,35.20 for KC and 23.07,23.47 for deshi duck at Barial and Bhola respectively .

**Key words:** Egg production, genotype, survivability, Khaki Campbell (KC), Jinding (J), Deshi duck (D).

**ABBREVIATION**

Khaki campble = KC

Jinding = J

Deshi = D

Total number of egg production = TNEP

Average no. of egg production = ANEP

Average egg weight = AEW

Total egg mass production = TEMP,

Egg mass production = EMP

Age at sexual maturity = ASM