**PROGENY PERFORMANCE OF RIR (Rhode Island Red) CROSSED WITH NAKED NECK AND FAYOUMI**



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#### **The Author**

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#### I

#### **ABSTRACT**

The experiment was conducted at Rangpur Govt. Poultry Farm and the data was collected from the records to compare the performance of RIR x Fayoumi and RIR x Naked Neck crossbreed in the term of survivability, feed intake and age effect under farm condition. The exotic Fayoumi (Fa) and the Indigenous Naked neck (NN) as hen, whereas another chicken breed was the Rhode Island Red (RIR) used as cock to produce two new genotype of chicken naming SONALI (genotype-2)and RIR x NN (genotype-1). The initial no. of bird was 103 and 50 respectively for genotype- 1 and genotype-2 at 1st week. The survivability rate at 1st week was 100% for both genotypes. Then it was estimated 98.97%, 100%, 100%, 98.64%, 97.29% 97.29% ,95.95%, 95,95%, 100%, 100%, 100% and 94% respectively for 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th,10th,11th,12thand 13th weeks in case of genotype-2 presenting average survivability 98.30% which is better than genotype-1(95%). The study having its conclusion that the SONALI (genotype-2) in the environment of Bangladesh, might be recommended for rearing with good management in intensive system, with low input supplies having better survivability rate and good performer regarding feed intake than genotyp-1.

#### **Key words:** Fayoumi, RIR, Mortality, Average Feed Intake.

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