**CHAPTER-2**

 **REVIEW OF LITERATURE**

 **Akhtar-Uz-Zaman (2002)** reported that Sonali is the crossbred of RIR (male) ×Fayoumi (female). They have very attractive reddish brown or golden body color to given perfect name ‘Sonali’. They are developed in1986’s by DLS. This type of chicken can easily be reared both in scavenging and semi-scavenging system at rural environment, they are disease resistant and have an ability to produce about 200 eggs per year. Their body weight is approximately 1.8 kg.

**Azharul *et al*. (2005)** found higher meat yield in crossbred RIR×Fayoumi (Sonali) compared with pure Fayoumi breed.

**Ali and Bala (2005)** reported that feed intake in Commercial Broiler at 42 days3370±49.75 gm in summer season and 3170±25 gm at winter season at Open house system and 3579±34.13 gm in summer season and 3125±30.46 gm at Tunnel house. They mentioned that body weight gain in Commercial Broiler at 42 days 1502±6.45gm in summer season and 1478±15.90 gm at winter season at Open house system and1759±27.35 gm in summer season and 1665±13.23 gm at Tunnel house. They also reported that FCR in Commercial Broiler at 42 days 2.32±0.03 in summer season and2.22±0.01 at winter season at Open house system and 2.08±0.02 in summer season and 1.93±0.003 at Tunnel house.

 **Saleque (2007)** stated that only 5% of the poultry meat consumed in Bangladesh was processed in a modern slaughter house.

**Saleque (2007)** demonstrated that dressed broiler price were 75, 85, 105 and 116BDT/Kg in 2003, 2004, 2005 and 2006 respectively.

**Shamsuddoha and Shoel (2008)** reported according to Poultry Business Directory the price of Day Old Broiler Chick is Tk.25.61 in winter season.

**Frands Dolberg** reported **(2008**)that in the market the Sonali goes as a local chicken with the associated premium price.

**Raihan and Mahmud (2008)** reported by sample survey at Bogra district that production cost of per Kg poultry meat is Tk.63.10 and before 5 years it was Tk.47.50 and before 10 years it was Tk.28 only. They also mentioned that profit of per Kg poultry meat is Tk.10.78 and before 5 years it was Tk.11.50 and before 10 years it was Tk.21.25.

**Shamsuddoha and Sohel (2008)** reported that lack of financial credit; inadequate modern poultry equipment, inadequate logistic support, lack of adequate poultry rearing knowledge, absence of government help and guidance etc are problem faced by the poultry farmers of Bangladesh. Lack of financial credit is the highest problem of poultry sector and it is 12.45% and inadequate modern poultry equipment is the second highest problem and it is 11.20%