



## RESEARCH PAPER

# Performance of Srinidhi Birds under farm management condition in Chandel district of Manipur

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**Abstract :** The present study was carried out on 200 nos of One day old chicks of Srinidhi breed maintained under farm condition in Chandel district of Manipur. The body weight was recorded upto 16 weeks of age in weekly interval. The mean value of body weight at 0<sup>th</sup>, 4<sup>th</sup>, 8<sup>th</sup>, 12<sup>th</sup> and 16<sup>th</sup> week of age were 37.10±0.86g, 412.50±3.06g, 1045.25±6.82g, 1508.65±8.65g and 2031.75±11.20g, respectively in farm condition and in case of free range system are as 38.12±0.59, 65.35±0.79, 378.30±2.78, 910.87±6.45, 1277.73±8.20 and 1894.12±16.40 respectively, in Srinidhi birds. The average age at first egg lay was observed to be 170.85±2.40 and 178.65±2.4, respectively cumulative egg production upto 40 week of age was recorded as 108.75 and 102.42 eggs as against of 102.42 in free range system. The average egg weight during this period was found to be 55.19g as recorded as 97.85% under farm management system of rearing whereas 51.30g in egg weight and survivability 96.76% under free range condition.

**Key Words :** Body weight, Age of first laying, Laying capacity, Egg weight, Survivability

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