

Evaluation of Reproductive traits in three strains of Japanese Quail

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Abstract

A study was undertaken to evaluate the reproductive performance in two plumage colour variant strains of quail, viz; Brown, White Breasted and a dark Cinnamon Brown (commercial) strain. A total of 694 straight run active chicks were obtained in three hatches at weekly intervals from the three strains. Sex was determined at six weeks of age and female progenies were separated and data on reproductive traits were recorded. The Brown strain exhibited superior egg weights ($P < 0.05$) than the other two strains. The commercial strain came into egg production earlier and produced significantly ($P < 0.05$) more number of eggs than the other two strains.

Key words: egg production, egg weight, Japanese quail