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Abstract

This study was conducted in Shalghormodua, Durbachara and Banshgram villages under Kushtia Sadar Upazilla of Kushtia district to assess the Poultry rearing system in backyard condition. Data were collected from 75 randomly selected farmers having 25 from each village through face-to-face interview. All the respondents reared deshi chicken and about 63% of them reared deshi duck only. It was also found that highest proportion (63.49%) of farmers reared both chicken and duck together, followed by 22.23% reared only chicken and 14.28% reared duck. The average population per household of chicken and duck were 11.21 and 10.54 respectively. All farmers reared poultry in semi-scavenging system. About 56.52% farmers kept poultry in their dwelling house. Farmers were used boiled rice, rice polish, paddy and broken rice to feed the birds. About 57% farmers were used rice and rice polish to make diet for chicken and ducks. Farmers provided around 53g and 109g supplemental diet to each chicken and duck per day, respectively and about 65% farmers provided this diet twice a day. Adult weight of chicken and duck were 1141.5g and 1625g, respectively. Majority of the farmers mentioned that the most prevalent diseases of chicken and duck were New castle and cholera (about 50% and 47%, respectively).

Key words: Backyard poultry, Semi-scavenging system, Mortality