



RESEARCH PAPER

Performance of Kuroiler poultry reared by tribal farm women of Jaipur district of Rajasthan

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Abstract : Backyard poultry plays an important role in livelihoods of Indian farmers. Back yard poultry production besides improving the family nutrition also improves the overall income of households. The present study was conducted to evaluate the production performance, reproduction and economics of Kuroiler poultry in the backyard production system through front line demonstration (FLD) by Krishi Vigyan Kendra, Jaipur-II. Fifteen tribal farm women who were rearing 5-10 local breed bird were selected from villages *i.e.* Karwas and Paniyala, block Kotputli, district Jaipur were provided with 50 chicks of Kuroiler breed to each farm women. The demonstration was organized at fifteen tribal farm women fields administering participatory approach by providing 750 chicks. 28th day old chicks of Kuroiler variety were supplied to tribal farm women and the performance of birds in terms of age at first egg laying, body weight (4 month of age), egg production (8 month of age) and economic returns were observed. The mean age at first egg laying was observed as 167.4±2.37days, mean body weight gain at 4 month age was 1797±25.62 g and 8 months egg production per hen was 79.27±2.21. In case of economic returns it was found that by rearing a unit of 50 birds a household can generate an income of about Rs. 26954. The B: C ratio of Kuroiler birds was observed 1:2.93 under back yard poultry management. Thus it may be concluded that the performance of Kuroiler was better than local poultry birds reared.

Key Words : Back yard poultry, Kuroiler, Body weight, Egg production, Economic returns

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