

PROCEEDINGS

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5th NATIONAL SYMPOSIUM ON AGRICULTURE

2022

“Ensuring Food Security Through Smart Agriculture”

30th March, 2022

Faculty of Agriculture
Eastern University, Sri Lanka
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NSA 2022



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LIVESTOCK, FISHERIES & AQUACULTURE

A STUDY ON DIFFERENT POULTRY FARMING SYSTEMS IN AMPARA DISTRICT-SRI LANKA

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ABSTRACT

In Sri Lanka, poultry meat and eggs are considered as essential food commodities which provide animal protein at relatively a low cost. The country's demand for chicken meat and eggs is satisfied mainly through the local supply chain. Ampara district is an area located in Sri Lanka where poultry farms are functioning on both small and medium scales. The objectives of the current study were to identify the poultry farming systems in Ampara districts. A survey was conducted among 54 randomly selected poultry farmers in eight veterinary ranges in Ampara district using a pre-designed questionnaire. The collected data were subjected to descriptive analysis using SPSS (Version 25.0). The study revealed that in Ampara, 73 percentage of the male farmers involved in poultry farming rest 27 % were female farmers. The majority of the farmers' education were secondary (25 %) level, 21.7 % of them tertiary and 13.3 % were primary level. From the study sample 63.3 % of poultry farmers were involving in this industry for egg production purpose while 21.7 % were involving for meat supply. 53.3 % of the poultry farming serves as the primary source of income and 46.7 % farmers were doing as a part-time job. Of the total poultry farms 88.9 % were adopt to deep litter system while 85.2 % are managed under intensive system. The present study concluded that considerable amounts of the farmers in the study area were kept poultry farms as a primary source of income with an adequate experience. Most of the farmers practicing intensive farming system with deep litter housing

Keywords: *broiler production, deep litter, eggs, intensive systems, layer production*

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