ABSTRACT

ANALYSIS OF RICE INVENTORY CONTROL
(A CASE STUDY AT PERUM BULOG CIAMIS BRANCH OFFICE)

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Perum BULOG Ciamis Branch Office of is engaged in rice procurement and distribution activities. However, in practice Perum BULOG faced several issues, such as the accumulation of rice in the warehouse, fluctuations in inventory costs, and damage caused by pest infestations, all of which have the potential to reduce rice quality. This study aims to analyze rice inventory control and evaluate cost efficiency using the Economic Order Quantity (EOQ) analysis tool. The research was conducted at the Ciamis Branch Office of PERUM BULOG, located at Jl. Jend. Sudirman No.216, Sindangrasa, Ciamis District, Ciamis Regency. This study employs a case study method with a quantitative approach, using both primary and secondary data. The results of the study indicate that the optimal rice inventory control for PERUM BULOG involves setting the order quantity at 371.9 tons per order, with an order frequency of 5 times per year. The company should maintain a safety stock of 414.6 tons and place a reorder when the rice inventory in the warehouse reaches 428.22 tons. By implementing the EOQ method, the company achieves inventory cost efficiency of Rp33,793,661.3 compared to the inventory control method previously used.

Keywords: Control, Inventory, Rice, Perum BULOG, *Cost Efficiency*