

***Raskin Rice Distribution Information System For Transport Cost Optimisation
Using Web-Based Vogel's Approximation Method.***

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ABSTRACT

This research aims to develop a Raskin rice distribution information system to optimise transportation costs using the website-based Vogel's Approximation Method (VAM). The case study was conducted at Perum BULOG Sub Divre Jember. The system was designed to facilitate Raskin rice distribution planning with transport cost efficiency as the main focus. The VAM method is used to determine the optimal rice allocation, by minimising the total transportation cost. The data used in this system includes information regarding warehouse locations, distribution destinations, and transport costs between these locations. Test results showed that the system successfully reduced transport costs by 2.67% compared to the previous costs..

Keywords: *Information System, Raskin Rice Distribution, Transportation Cost Optimisation, Vogel's Approximation Method, Website, Perum BULOG Sub Divre Jember.*