

## **ABSTRACT**

### **EFFICIENCY OF RED CHILI FARMING IN CIBEUREUM SUKAMANTRI CIAMIS**

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Red chili is one of the horticultural commodities that is widely consumed by the public, so the demand for red chili is so high that the production must be tried as optimally as possible. The purpose of this study is to determine the average value of the level of technical, allocative and economic efficiency in red chili farms in Cibeureum Village. This research was carried out from January to October 2024 with the method used being a survey and sampling technique using proportional random sampling. This research was carried out in Cibeureum, Sukamantri, Ciamis with a total of 32 respondents from red chili farmers. This study uses an input-oriented Data Envelopment Analysis (DEA) approach and uses the Variable Return to Scale (VRS) model. The production factors used are land, seeds, manure, NPK fertilizer, agricultural lime, herbicides, fungicides, insecticides, male workers outside the family and female workers outside the family. The results of the study showed that the average value of technical, allocative and economic efficiency of large red chili farming in Cibeureum Village was 0.978, 0.884 and 0.865 respectively, which means that the red chili farming was not technically efficient, allocative and economical.

**Keywords:** Red Chili, Economic Allocative Technical Efficiency,  
Farming.