

## **ABSTRACT**

***The INFLUENCE of FERTILIZER USE WATER WASHING RICE and CHICKEN EGG SHELLS on PLANTING MEDIA to IMPROVE the RESULTS of CROP PRODUCTION CAYENNE PEPPER (*Capsicum frutescens L.*)***

*Raafi Shabirul Iman*

*Under the guidance of Dr.H. Uus Toharudin, M.Pd.*

*and Yusuf Ibrahim, M.Pd., M.P.*

*This research aims to know the result of increased production of pepper plants (*Capsicum frutescens l.*) after using the fertilizer of water washing the rice and chicken eggshells. The method of this research is experimental. The population of this research is the Cayenne Pepper plant 27 given the 3 treatment and 9 repetitions. Analysis of the research data it uses a variant of Analysis (ANAVA). Based on the results of data analysis, the average value of the lowest chili production results found in control without being given preferential treatment as much as 246.4 sedangkang grams, on average the highest production results found in treatment 2 IE as much as 291.2 grams. Based on the ANOVA test data obtained obtained significant results i.e.  $0.337 > 0.05$  on highest harvest namely harvest to – 3.*

***Keywords:*** *cayenne pepper (*Capsicum frutescens L.*), Water Fertilizer Washing rice, egg shells and Fertilizer Production Results*