

# **GROWTH AND YIELD OF SHALLOT (*Allium ascalonicum* L.) ON VARIOUS COMBINATIONS OF RABBIT URINE AND ANIMAL FERTILIZER**

By : Fahrul Rahma Rizaldi

Supervised by : Ari Wijayani and M. Husain Kasim.

## **ABSTRACT**

Shallot (*Allium ascalonicum* L.) is a potential horticultural crop and is widely cultivated by farmers. The problem faced by many farmers is a decrease in crop yields, partly due to soil fertility. Soil fertility can be overcome by using organic matter in the form of either solid fertilizer or liquid organic fertilizer. This study aims to obtain the right combination of concentration of rabbit urine fertilizer with various animal manure fertilizers for the growth and production of shallots. The research was carried out in the village of Selopamioro, Imogiri, Bantul in May-July 2022. The research method used was a single factor Completely Randomized Block Design (RAKL) consisting of rabbit urine concentrations of 200,300 and 400 ml/l combined with cow, goat and chicken manure, respectively. 10 tons/ha. The results showed that the treatment of rabbit urine fertilizer concentrations of 200 and 300 ml/l combined with 10 tons/ha chicken manure had a significantly higher effect on the parameters of wet weight, dry weight of tubers per clump and yield potential per hectare.

**Keywords:** *shallots, rabbit urine poc, animal manure*