

# **THE FARMERS 'BEHAVIOR IN THE USE OF CHEMICAL FERTILIZERS IN SHALLOTS FARMING IN SANDY LAND**

**(Case Study in Srigading Village, Sanden District, Bantul)**

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## **ABSTRACT**

***THE FARMERS 'BEHAVIOR IN THE USE OF CHEMICAL FERTILIZERS IN SHALLOTS FARMING IN SANDY LAND. 2018. SUTIONO (A thesis guided by Siti Yusi Rusimah & Aris Slamet Widodo). This study aims to determine the behavior of the use of chemical fertilizers in shallots farming in the sandy land of Srigading Village, Sanden District, Bantul. This study also aims to know the factors that influence farmers' behavior towards the use of chemical fertilizers in sandy land. The last of the aim of this study is to know the behavior of the use of chemical fertilizers on the productivity of shallots on sandy land. The research method used is quantitative analysis method. Determination of the research location was done intentionally in the Manunggal farmer group and Makmur farmer group, Srigading Village, Sanden District, Bantul Regency. Determination of research respondents using purposive sampling that is based on the distance of the beach to the land used. Sampling zone I (100 - 300 m) totaling 30 members of the Makmur sand farmer group and zone II (400 - 1000 m) totaling 30 members of the Manunggal farmer group. This study uses primary data obtained through direct interviews and questionnaires as a tool to ask questions. Data analysis used is descriptive analysis using tables, score achievement analysis and rank spearman correlation. The results showed that (1) the behavior of the use of chemical fertilizers in the category of fertilizer selection had good criteria, the time of fertilization included in the criteria was very good, and the dosage of fertilizer was in good criteria. (2) Age factors and farming experience have a significant relationship to the use of fertilizer dosage. (3) The influence of behavior on productivity has good criteria. Fertilization time and dosage have a significant relationship to productivity.***

*Keywords: Shallots, Related factors, Behavior*