

ANALYSIS OF HEALTH EFFECT FOR FARMERS AS INSECTICIDE USERS IN PURWORAJA VILLAGE

Arga Dita Mentari¹, Arinafril², Yuanita Windusari³, Yustini Ardillah⁴

Department of Pests and Diseases¹²
Faculty of Agriculture, Universitas Sriwijaya³
Environmental Health Program Study of Public Health Faculty, Universitas
Sriwijaya⁴

ywindusari@yahoo.com

Abstract

Background: Pesticides are used in agriculture to increase the production of losses caused by various corpse bodies consisting of groups of pests and diseases and weeds. The type of pesticide that is widely used in Indonesia is insecticide. **Aim:** The purpose of the study was to analyze the use of insecticides, especially those related to public health in Purwaraja Village, Kikim Timur District, Lahat Regency. **Method:** This research was a quantitative research with cross sectional research design. This research was conducted in June 2017 with a sample of 85 respondents. Data processing and analysis was performed by presenting the frequency distribution of variables in the form of tables and analyzed using multiple logistic regression analysis. **Result:** The results showed that the characteristics of farmers were mostly ≤ 46 years old (58.8%), and low education (elementary and junior high school) of 87.1%, the variables studied were not related to insecticide use, the majority (71.8%) farmers' knowledge about the impact of insecticide use on public health was categorized as poor, the majority (64.7%) of insecticide use on farmers was categorized as poor. **Conclusion:** Training and educating should be conducted to farmers in using insecticide correctly.

Keywords : Farmers, Health, Insecticides

