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Ervina Atika Putri

The Relationship Between Environmental Sanitation and Fly Density in
the Pagotan Tradional Market Geger Subdistrict Madiun Regency 2021.
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ABSTRAK

Vector borne diseases contributes more than 17% of all infection disease, which causes more than 70.000 mortality every year. One of the easy vector in the traditional market is fly. The purpose of this research is to find out the relationship between environmental sanitation and fly density in the Pagotan Tradional Market Geger Subdistrict Madiun Regency 2021.

This type of research is analytical observational research by using a cross-sectional approach. The author used the cluster sampling method for samples where the sample selection is based on the cluster, namely Pagotan Market. The total sample examined in this study was 30 location points spread across Pagotan Market.

The results of the Kendall's tau correlation test showed that there was a significant relationship ($p = 0.000$) between environmental sanitation and fly density. The Correlation Coefficient value is -0.802 , which means that environmental sanitation and fly density have a "very strong" relationship. Every improvement in the quality of environmental sanitation is followed by a drop in number fly density.

The conclusion is that the 30 samples that have been assessed for environmental sanitation, 28 of them do not fulfil the market environmental sanitation requirements and 2 others fulfil the market environmental sanitation requirements. And of the 30 samples that fly density have been calculated, 28 samples have high fly density numbers and 2 of them have medium fly density numbers. Based on the Kendall's tau correlation test, it was found that there was a relationship between environmental sanitation and fly density with a strong corerelation category..

Kata Kunci : Environmental Sanitation, Fly Density, Traditional Market
Kepustakaan : 37 Readings (1987 – 2021)