

LAMPIRAN EVALUASI KINERJA PPM JURUSAN KESEHATAN LINGKUNGAN TAHUN 2021

PENELITIAN

1. BUKTI LUARAN PENELITIAN 2021

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2. BUKTI PUBLIKASI ILMIAH 2021

Jurnal Internasional Bereputasi = 2 buah an. Junaidi dkk., dan Isnawati dkk

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3. BUKTI PEMAKALAH DALAM FORUM (Seminar/Konperensi) 2021

Pemakalah Seminar Internasional = 1 orang an. Tien Zubaidah

Pemakalah Seminar Nasional = 1 orang an. Sulaiman Hamzani



4. BUKTI PEMAKALAH DALAM FORUM (Workshop/Pelatihan) 2021

Pemakalah Pelatihan Regional = 1 orang an. Sulaiman Hamzani



5. BUKTI HAKI PENELITIAN 2021

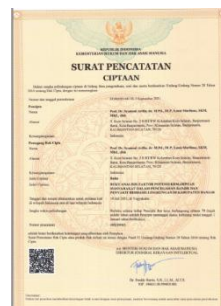
HAKI/Paten Sederhana = 2 buah an. Tien Zubaidah dkk

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9	Agung Waskito, ST, MT	Jl. MTQ, RT/RW 001/001, Rangle Malingang, Tapin Utara, Kota Tapin, Kalimantan Selatan

PENGABMAS

1. BUKTI LUARAN PENGABMAS 2021

Artikel = 2 buah (1 sudah publikasi dan 1 berupa draft)

an. Tien Zubaidah dkk. dan Sulaiman Hamzani dkk

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Efektifitas kegiatan pelatihan pembuatan ovitrap DBD pada santri Pondok Pesantren Al Falah Banjarbaru

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Abstract

The negative impact of the insecticides usage triggers the development of new methods other than insecticides, one of them is ovitrap tools (mosquito egg traps). The use of ovitrap as part of dengue prevention efforts has proven to be easy, cheap, safe for health and environmentally friendly. Ovitrap is effective in reducing mosquito populations. The purpose of the activity is to analyze the knowledge, attitudes and actions of students in the use of ovitrap as an effort to control *Aedes* sp. mosquito larvae after the implementation of health counseling activities and demonstrations of making Ovitrap. All students at Pondok Pesantren Al Falah Putra became the population. As many as 96 students who were willing and involved in this activity became the research sample. McNemar test showed significant results on knowledge (0.018), attitude (0.033) and action (0.00). The making another use of Ovitrap socialization still needs to be sought in order to increase the Santri knowledge. It is hoped that this activity can be implemented every year as an effort to reduce the risk of dengue fever in Banjarbaru City.

Keywords: DBD, ovitrap, training effectiveness, students

Abstrak

Dampak negatif penggunaan insektisida memicu pengembangan metode baru selain insektisida yaitu penggunaan alat ovitrap (perangkap telur nyamuk). Pemakaian ovitrap sebagai bagian upaya pencegahan DBD yang terbukti mudah, murah, aman bagi kesehatan dan ramah lingkungan. Ovitrap efektif mengurangi populasi nyamuk. Tujuan kegiatan adalah menganalisis pengetahuan, sikap dan tindakan santri dalam pemakaian ovitrap sebagai upaya pengendalian jenis nyamuk *Aedes* sp. setelah pelaksanaan kegiatan penyuluhan kesehatan dan demonstrasi pembuatan ovitrap. Populasi dalam kegiatan ini adalah seluruh santri pada Pondok Pesantren Al Falah Putra. Sampel yang diambil sebanyak 96 santri yang bersedia dan berperan dalam kegiatan ini. Hasil uji McNemar menunjukkan hasil yang signifikan pada pengetahuan (0,018), sikap (0,033) dan tindakan (0,00). Peningkatan pengetahuan masih perlu diupayakan melalui sosialisasi pembuatan dan pemakaian ovitrap. Diharapkan kegiatan ini bisa dilaksanakan setiap tahun sebagai upaya pengurangan risiko DBD di Kota Banjarbaru.

Kata kunci: DBD, ovitrap, efektivitas pelatihan, santri

DRAFT ARTIKEL PENGABMAS

MODIFIKASI REAKTOR DRUM UNTUK PRETREATMENT
PENGOLAHAN LIMBAH CAIR PADA HOME INDUSTRY TAHU DAN TEMPE

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ABSTRACT

Liquid waste in the case of tofu industrial waste has a variety of very high organic matter content, if it is not processed properly it will pollute the environment. Based on the results of research on the waste from the *tempe*-tofu factory, it is known that the pH is 4.3, TSS 140 mg/L, COD 4506.6 mg/L, and BOD 1285.59 mg/L. To meet quality standards, it must be processed first with the right technology before being disposed of so as not to pollute the environment. The problems faced by Partners 1 and Partners 2 are that the factory does not provide funds specifically for processing, has limited land and does not understand the proper processing of liquid waste, is not aware of the impact on the environment, and lacks reuse of waste for other benefits. The purpose of this Community Service Community Partnership Program is to educate and apply appropriate technology for home industrial wastewater treatment (case study of *Mitra 1 (tempe)* and *Mitra 2 (tofu)* factories in Banjarbaru City) in an effort to reduce pollutant content. The service methods carried out include data collection, dissemination of research results, tool application, technical guidance, monitoring and evaluation. The results of the community service activities that have been carried out are carrying out outreach activities and coordination with Partners 1 (*tempe* factory) and Partner 2 (*tofu* factory), sharing and exposing research results involving relevant agencies, making drum reactors and technical guidance on equipment installation, monitoring and evaluation of community service activities. Through Community Service Activities, the Community Partnership Program is expected to provide benefits for increasing the understanding and skills of the *tofu-tempe* home industry as partners regarding the application of appropriate technology for liquid waste management. In addition, it is also hoped that a better network of cooperation will be established.

Keywords: modification, drum reactor, liquid waste, *tofu-tempe*, minimize pollutant

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Poster = 1 buah poster pengabmas an. Tien Zubaidah dkk



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