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ELECTRONIC THESIS AND DISSERTATION UNSYIAH

TITLE

EFEKTIVITAS MINYAK SEREH (CYMBOGON SP.) SEBAGAI BAHAN ANESTESI ALAMI PADA IKAN NILA (OREOCHROMIS NILOTICUS)

ABSTRACT

This study aimed to determine the effectivity of lemongrass (*Cymbopogon* sp.) oil as a natural anesthetic on tilapia fish (*Oreochromis niloticus*). The method used in this study was an experimental method using a completely randomized design (CRD) one direction with 3 treatments and each treatment consisted of 5 replications. All treatment groups (KI, KII, and KIII) were treated with lemongrass oil at the dose of 10, 20, and 30 ml/L water, respectively. Observations were carried out on the onset, sedation, and recovery. Data were statistically analyzed using ANOVA. The results showed that the time of onset and sedation were significantly different (P