

THE EFFECT OF GIFT OF COMBINATION CLOVE OIL (*Eugenia aromatica*) AND ETHANOL IN TIME OF RED NILA (*Oreochromis niloticus*)

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ABSTRACT

Red nila male has been used of the research. About 20 red nila (*Oreochromis niloticus*) is anaesthetized by dipping in clove oil (*Eugenia aromatica*) that has dissolved by ethanol. The research is purpose to get effective anaesthetic concentration and for red nila fish. Fully Randomized Design (RAL) is the used research, after the LSD 5% test was used to the determine the optimal concentration when there was a significant different in the results. The result showed the was no different in the time of unconsciousness ($p>0,05$) but the optimal recovery time was 25 ppm which was different significant from the other concentrations ($p<0,05$).

Key words: clove oil; *Oreochromis niloticus*; fish anesthetic.