

## **ABSTRACT**

### ***THE EFFECTIVENESS OF THE ARTIFICIAL PONDS ON THE BASIS OF EXTENSIVE ENLARGEMENT MASAMO CATFISH (*Clarias sp.*) WITH INTENSIVE SCALE***

**By**

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*This research aims to know the broad base of an effective, for growth, and kelulushidupan cultivating catfish Masamo with broad bottom of pool are different. Research using Randomized Complete Design (RAL) with 4 spacious treatment treatment basis i.e. normal pool of 1.5 x, 2 x, 2.5 x and. The results showed that basic outdoor area with 1.5 x and 2 x the normal base area accommodates more catfish Masamo to rest. While there may be differences in the number of catfish Masamo utilizes a broad foundation of artificial pond treatment but not statistically significant ( $P < 0.05$ ). The use of 2 x large artificial pond base significantly resulting in the total weight and the length of the larger Masamo catfish compared to other treatments ( $P < 0.05$ ). The use of 1.5 x, 2 x and 2.5 x wide bottom of pool significantly resulting in greater populations and kelulushidupan than using the normal basic pond ( $P < 0.05$ ). The use of 1.5 x and 2 x large artificial pond in the real basis of produce a harvest catfish Masamo more compared to other treatments ( $P < 0.05$ ).*

*Key words: catfish masamo, basic artificial ponds, enlargement, intensive,*