

MAGNIFICATION TECHNIQUE JAMBAL CATFISH (*Pangasius djambal*) IN FLOATING NET CAGES LAKE RANU GRATI PASURUAN, EAST JAVA

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ABSTRACT

Catfish is the sort of consumption fish that have economic value so that they are many cultivated. Catfish magnification is the one way of breeding to get fish in the size of consumption. The Purposes of the Field work practice in groups of Mina Makmur Lake Ranu Grati Pasuruan is to know the technique of raising catfish, Factors that need to be noted, constraints, and estimate analysis of the business of raising catfish. Field work practice was held at Lake Ranu Grati, District Grati, Pasuruan, East Java on January 24 – February 24, 2011. Field work practice is using descriptive method of data collection include primary data and secondary data. The Data were collected by active participation, observation, interview, and literature study.

Catfish Magnification is owned by Mr. Hisbullah Huda who is a member of a group of Mina Makmur Lake Ranu Grati Pasuruan. Magnification of the catfish breeding is done in the form of container net caged that placed in Lake Ranu Grati Pasuruan. Spread the seeds are the beginning of the catfish magnification. The spread seeds are sized 5 cm with solid spread 50 fish / m². Food that given during the magnification is factory food with protein content ranging from 31%-33% and the food protein content that made by self is less than 25%. Cage maintenance is done regularly while the control is done after harvest which is approximately three times a week. Harvesting is done after the catfishes are maintained about 5 months old with 500 grams weight and the standard sized consumption. Pests found in floating net cages are Heron and rats while a disease that can attack catfish is a fungus *Saprolegnia* sp. Catfishes growth rate which is in the waring are amounted to 0.153 grams / day while the catfishes which is in the trawl are amounted to 3.725 grams / day. Survival rate (SR) of catfish during the breeding period was 90%.

KEYWORDS : Lake Ranu, Cages, Magnification jambal catfish