

ABSTRACT

THE APPLICATION FOR FOUNDATION THE ARTIFICIAL POND ON ENLARGEMENT MASAMO CATFISH (*Clarias gariepinus*) SCALE SUPERINTENSIF BY ADDING PROBIOTICS AND VITAMIN C

By

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Problems occur enlargement catfish are to maintain the space for competition, survival, and feed conversion into meat less than optimal resulting in a decrease in growth and a decrease in the production of catfish enlargement. This study aims to determine the effectiveness of a room divider at enlarging catfish masamo using the addition of probiotics and vitamin C on the final biomass, survival, length and weight of fish. This research used a completely randomized design consisted of three treatments and three replications include TDPC: the maintenance catfish masamo without the use of artificial pond bottom, with probiotics, and with vitamin C. Furthermore, this treatment is called the control treatment. Treatment TDBK: the maintenance catfish masamo without the use of artificial pond bottom, with the addition of probiotics in water ponds and vitamin C in feed. Treatment DPVC: the maintenance catfish masamo with the addition of probiotics in water ponds and vitamin C as well as two room divider applications of artificial pond. Addition of probiotic basic artificial pond on the pond water and the addition of vitamin C on catfish feed masamo enlargement significantly affect the survival of the fish with the highest value reached 94.67% but the basis of an artificial pond, the addition of probiotics in the pool water and the addition of vitamin C on catfish feed enlargement masamo no significant effect on growth, feed conversion and biomass masamo catfish.

Keywords: catfish masamo, probiotics, vitamin C, a room divider.

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