THE STUDY THE HOME MADE FEEDING WITH ARTIFICIAL FEEDMILL FOR ENLARGEMENT TILAPIA (Oreochromis niloticus L) TO THE GROWTH IN TARIK VILLAGE SIDOARJO

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ABSTRACT

This research was conducted in the village of Pulul, Pulul subdistrict, Sidoarjo district on October 20, 2015 until 11 November 2015. The purpose of this study was to assess the homemade feeding with artificial feed mill for enlargement tilapia (Oreochromis niloticus L) to the growth of the business. The benefits of this research is to provide information about the feeding is more effective to increase profits for tilapia fish farming. The method used in this study is a comparison with the method using a homemade feed and artificial feed mill.

The treatments used in this study is divided into two treatment ie treatment A and treatment B. Each treatment research there are concrete tank, water media and indigo (Oreochromis niloticus L) that has the same size. The type of feed given to treatment A is homemade feed, while the feed given to the treatment of B are factory-made feed. Frequency of feeding on each treatment is given three times a day (morning, afternoon and evening) and stocked up evenly on the surface of the water. The response of fish to feed voraciously given enough even until the end, good homemade food and feed factory.

Growth in weight and length measurements carried out in stages ie 7 days until the end of the study at each treatment. (Oreochromis niloticus L) tilapia heavy growth between treatment A and B when the average stocking is the same, namely 5 grams. By the time the second week of the treatment appears to be different, the treatment A yaitu10 gram whereas treatment B is 9 grams. In the third week, or until the end of the study, the weight growth between treatment A and treatment B more different that 170 grams and 145gram. While measuring the length of the tilapia (Oreochromis niloticus L) between treatment A and treatment B which is 7 cm stocking time. By the time the second week of tilapia growth in body length on the second (Oreochromis niloticus L) is still the same treatment that is 8.4 cm. While in the third week until the end of the study the long growth of tilapia (Oreochromis niloticus L) results are different between the two treatments, the treatment A is 9.5 cm and treatment B is 9.1cm. Tilapia harvest treatment A gift at higher than treatment B.

Keywords: homemade food, feed factory, tilapia (Oreochromis niloticus L)