

DESIGN AND DEVELOPMENT OF A FISH PELLETT PRINTING EQUIPMENT WITH 3 (THREE) DIFFERENT DIAMETER OF PRINTING PLATE HOLE USING ROBIN AS A MOVEMENT METHOD

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Abstract

This research focuses on discussing the design of fish pellet molding tools that researchers design to help small entrepreneurs to cultivate catfish, tilapia, gourami and shrimp. The purpose of this research is to design and manufacture a fish pellet printer by knowing the materials used in the fish pellet printer. The method used is to carry out a field study and then conduct a literature study and start designing and collecting data and materials to be used in the process of making the frame for the pellet press. From the results of the research analysis on the comparison of fish pellet printing plates that the researchers made, there were 3 (three) printing plates that the researchers made. That is, with a hole diameter of 4 mm, 6 mm, 8 mm, the researcher can conclude that fish pellets that are printed with fish pellets with a hole diameter of 6 mm produce good and dense pellets.

Keywords: printing plates, pellets, fish, secrw