

Economic Analysis of Homestead Fish Production in Ogun State Nigeria

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ABSTRACT This study examines the determinants of revenue of homestead fish production in Ogun State, Nigeria. Descriptive statistics, budgetary and regression models were the tools employed for the analysis of data obtained from 72 fish farmers. Most of the farmers are within the economically active age bracket, having a mean household size of 6 with high level of educational status. Farmers in the study area practiced mono-culture and poly-culture fish farming. Sole clarias enterprise recorded the lowest net farm income while Tilapia/heteroclarias enterprise has the highest net farm income. The quadratic functional form is chosen as the lead equation. The pond size, quantity of fish seeds stocked other significant, determinants of the revenue that accrue to homestead fish production in Ogun state, Nigeria. This study therefore suggests that policy variables such as pond size, labour and fingerlings that influence the aquaculture revenue should be strengthened for sustainable fish production to be attained in Ogun State and in Nigeria.