

**LIMITATIONS TO THE ADOPTION OF RECOMMENDED
AQUACULTURE PRODUCTION TECHNOLOGIES BY SMALL SCALE
FISH FARMERS IN OYO STATE NIGERIA**

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Abstract -The study was designed to identify the limitations to the adoption of recommended aquaculture production technologies by small-scale fish farmers Oyo State. A structured interview schedule was utilized in obtaining information from two hundred and twenty two respondents. Data were analysed descriptive and inferential statistics. The study revealed majority (49.1%) of the respondents were with the economic active age and mostly males (84.2%). Constraints perceived by most of the farmers include high cost of fish feed and market price fluctuation (100%), high cost/lack of construction equipment (96.0%), non-availability/high cost of quality fish seed (90.1%) and preservation and storage facilities (75.2%). Chi square analyses showed that there is a significant association between adoption of innovation and sex ($\chi^2 = 2.16$, $p < 0.05$), educational level ($\chi^2 = 9.30$, $p < 0.05$), occupation ($\chi^2 = 4.81$, $p < 0.05$) and marital status ($\chi^2 = 5.32$, $p < 0.05$). It was concluded that efforts should be made by extension agents to design programmes aimed at co-opting small scale fish farmers towards achieving a mass adoption of recommended aquaculture production technologies.

Keywords : Limitations, Oyo State, Small scale farmers, Technologies