Enterprise Mix in Integrated Fish Farming in Ogun State, Nigeria

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Abstract

The study examined enterprise mix in integrated fish farming in Ogun Satate, Nigeria. Using survey research, a pre-tested structured interview guide was used to elicit information from 216 integrated fish farmers that was purposively selected from twenty two villages in four blocks of Ogun State Agricultural development using sampling frame Descriptive and inferential statistics were used to analyze the data. Results showed that 90.7% of IFF was male. Also, 96.8% of IFF was married. The mean ages of sampled farmers were 46 years (IFF) while the mean fish farming experience was 5 years (IFF).The mean fish production capacity of NIFF was 1,894 fish. Furthermore, 11.5% of IFF integrates fish farming with poultry, 7.2% with piggery, and 15.8% and 1.4% with crops and small ruminants respectively. The chi-square analyses showed that knowledge of fish farming had significant association with respondents sex (x^2 = 9.44, df = 2, p < 0.05), marital status (x^2 = 23.2, df = 4, p < 0.05), occupation (x^2 = 25.5, df = 8, p < 0.05), Bivariate correlation analyses showed significant relationship between farmers knowledge and age (r = 0.20, p < 0.05), fish farming experience (r = 0.17, p < 0.05), level of cosmopoliteness (r = 0.16, p < 0.05), livestock population capacity (r = 0.21, p < 0.05), fish production capacity (r = 0.36, p < 0.05), area of land cultivated (r = 0.55, p < 0.05) and production constraints (r = -0.00, p < 0.05).