



Factors influencing the development of integrated rice-fish cultivation in paddy fields of Mazandaran the Viewpoints of Farmers

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Real and potential effect of integrated rice-fish cultivation on Improving income and nutrition and also on environmental issues is very important. But generally, little value has been given to this issue. In this Causal-correlation research it is aimed to investigate the Factors influencing the development of integrated rice-fish cultivation in paddy fields of Mazandaran from the Viewpoints of Farmers during 2011-2012. The populations were all of farmers who applied integrated rice-fish cultivation method which were 80. Thus, census method was used as the sampling method in this study. Research tool used in this study was a questionnaire that its validity approved by expert panel, and its reliability 87% achieved using Cronbach's Alpha. using stepwise multiple regressions results obtained in this study showed that economic factor, the amount of the use of extension programs, the amount of the use of educational-extension methods, knowledge of farmers, the amount of participation of farmers and communication channels were factors determining 79% of Changes related to the development of integrated rice- fish cultivation systems.

Key Words: integrated cultivation development, integrated rice-fish cultivation, Mazandaran province.