

Recognition of Risk Management Methods & Determination of Utilization Level in Aquaculture Insurance for Warm-water Fish Farming in Ahvaz County

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Abstract

Being involved in any activity in agriculture sector is exposed to different threats due to the possibility of harmful natural incidents. Therefore, in order to reduce high risk in agricultural activities, including culture of aquatics, and in an effort to increase security coefficient of investment in the sector, acquiring knowledge of risk management methods seems essential. This research work intends to identify risk management methods and finely tune insurance programs for aquatics in fish culture risk management in the city of Ahvaz. For collecting the required data, questionnaires were used among a sample group of 180 all involved in fish culture in Ahvaz. The data have been analyzed through SPSS 11 software. The results show that the aquatics insurance with an average of 2/01, a standard deviation of 1 and variants coefficient of %49, were employed by those under study as the last option of risk management. Furthermore, from among different risk management methods, those involved in fish culture would use the four methods of choosing suitable fingerling, controlling nutrition demands of the fish being cultured, controlling the degree of soluble oxygen in water, and controlling diseases more than other risk management methods. Meanwhile, methods such as concentrated culturing, advance selling of product, partnership culturing, and using aquatics insurance were less deployed in the risk management process. The results of studying correlation of using different risk management methods with some of the variants show that higher degree of education, more culturing experience, expanded fish culture units, and deeper knowledge of insurance would increase practice of risk management.

Keywords:

Risk, Risk management, Aquaculture Insurance, Warm - water Fish & Ahvaz county

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