

Problems of fish farming development in center Sidi Salem and Hamoul in Kafr El Sheikh governorate

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Abstract

This research aimed to identify the relative importance for the problems facing holders of fish farms respondents in fish farming and identify for the nature of the factors initial for the problems under each domain facing holders of fish farms respondents in fish farming from the point of views.

This research was carried out in Kafr Al Sheikh Governorate as being the biggest governorate in fish culture development which is ranked as the first in fish culture development. Similarly. two districts were selected. They are Al Hamoul and Sidi Salem. The data were collected using personal interview using questionnaire for a regular random sample amounting 242 respondents. among the licensed fish farm holders. according to (Krejcie& Morgan equation) during October 2017.

The data were analyzed using frequency. percentage. arithmetic mean and factor analysis using statistical analysis in spss.

The research results were as follows:

- 1- Problems group related to the fish fries: ranked in the first with an average of 2.85 degree that to the relative importance of 95%. They are difficult accessibility to fish fries and transportation of fish fries from trusted sources. These two problems represent 63.48% of the total variance in the problems group related to fish fries.
- 2- Problems group related to extension services: ranked in the second grade with an average of 2.80 degree that to the relative importance of 93.3%. And falls under two factors they are weakness of agricultural extension and lack of knowledge and skills with the extension recommendation. These two problems represent 65.36% of the total variance in the problems group related to extension services.
- 3- Problems group related administration: ranked in the third grade with an average of 2.73 degree that to the relative importance of 91.0%. They are the weakness of performance of the organizations responsible for fish culture development and difficulties of the administrative procedures for the fish culture development. These two problems represent 69.89% of the total variance in the problems group related to administration.
- 4- Financial problems group: ranked in the fourth grade with an average of 2.67 degree that to the relative importance of 89.0%. They are high costs

of production input. high costs of the running costs. and difficulties in getting finance. These three problems represent 72.42% of the total variance in the problems group related to finance.

- 5- Production problems group: ranked in the fifth grade with an average of 2.61 degree that to the relative importance of 87.0%. They are difficulties of the availability of the production inputs. lack of knowledge for the fish ponds either for incubation or for breeding. lack of knowledge for fish breeding and nutrition. These three problems represent 73.73% of the total variance in the problems group related to production.
- 6- Marketing problems group: ranked in the sixth grade with an average of 2.67 degree that to the relative importance of 85.7%. They are difficulties of fish marketing. lack of marketing information. These two problems represent 70.48% of the total variance in the problems group related to marketing problems.
- 7- Environmental problems group: ranked in the seventh grade with an average of 2.42 degree that to the relative importance of 80.7%. They are low water quality and the attack of the natural enemies to the fish farm. These two problems represent 73.67% of the total variance in the problems group related to environmental problems.