

SUMMARY

ROLE OF AGRICULTURAL EXTENSION IN PRODUCTION AND MARKETING OF DATE PALM CROP IN SIWA OASIS

SUMMARY

The agricultural Extension played the most important role in teach farmers. its role is not limited to increase agriculture production but it also raises the productivity through changing role habits and traditions hindering agricultural.

The agricultural extension is important organization to make the desirable change in the rural of Egypt, and next it is possible that a role is the right for role in the production and marketing , by making a desirable behavioral changes knowledge, skills and attitudes of farmers through diffusion of the thoughts and recommendations of the production and marketing and their satisfaction to implement in their fields.

This study aims to:

- 1-Determine the degree of role of agricultural extension in the the production and marketing of date palm crop through
 - A Identification of the knowledge of the technical recommendations farmers the production and marketing of date palm crop and Identification of the knowledge source of the technical recommendations production and marketing of date palm crop.
 - B- Identification of the implement of the technical recommendations farmers the production and marketing

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of date palm crop and Identification of the Persuasion source of the technical recommendations production and marketing of date palm crop farmers to implement the technical recommendations.

- 2- Define the relationship between the role of agricultural extension in the area as dependence variable and some characteristics personal, and communicational of formers as independence variables.
- 3- Identification of the problems facing the farmers in study area and Identification of the farmers proposals to solve these problems.
- 4 – Suggest aproposol an extension plan of work in the role of agricural extension in the production and marketing of date plam crop.

The study was conducted in Siwa Oasis with farmers planted of date palm crop in Siwa Oasis.

A systematic random sample was drawn representing 10 % of total farmers of each village amounting to 235 farmers.

Data were collected during November and December 2006 by personal interview using a pre-tested questionnaire. Pearson's product, Step wise frequencies , percentages, standard division, and averages were used to analyze data statistically.

The main results of the study revealed that:

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- The level of degrees of farmers knowledge of the studied recommendations was high.
- The level of degrees of farmers implement of the studied recommendations was high .
- Law in role of the agricultural extension as source knowledge of the recommendations of the studied.
- The agricultural extension role in the area of date palm crop the studied recommendations was law.
- The role of the agricultural extension in the satisfaction of farmers to implement the studied recommendations was law.
- The extent utilization the farmers from implement the studied recommendations was law .

- The sequent made a sign until more than three quarters of farmers (65.50%) they have law to middle (DRAE) in the production and marketing of date palm crop.

- (DRAE) in the production and marketing of date palm was correlated positively and significantly at 0.01 with each of: the age, degree of education, area agricultural, area of date palm, , to organizations membership , leadership tribe, to belonging of tribe society, holding to traditional habits , and economical values,. and was correlated positively and no significantly at with each of: the age date palm, years working agricultural, years working agricultural in date palm, attitudes to agricultural Innovations, and degree Knowledge source of the production and marketing of date palm crop .

- The contribution rate of these variables in explaining the total variance in (DRAE) in the production and marketing of date palm the production and marketing of date palm were 32.9 % to belonging of tribe society, 10.7 % to holding to traditional habits, attitudes to agricultural extension activities, and 7.7 % to organizations membership , and 5% to leadership tribe, 2.7 degree economical values, 2% the degree of education, and 0.7% area agricultural sequentially totaling 61.7 %.
- The results showed some constrains and problems facing the date palm farmers which include:
 - Low available of profession workers in head tree date palm, high price farmers agricultural working , Low price of date palm, high price plastic box, not ladders heifers date palm.
- Proposed solutions that were presented by the respondents, can be summarized as follow:
 - Training working with agricultural extension and field extension, making working agricultural training, Open sale windows out siwa, making the plastic box with the co- operatives, making modern transport machines and making machines ladders heifers date palm.

Applicable benefits:

- The study saw that the programs planners of the central administration of agricultural extension must be condensation of the extension role and potentials in the study area.

- Necessity of opening communication channels between agricultural extension and farms with the help of the extension workers by the newest of the information and the necessary means of date palm crop control.
- The study recommended to controlling on extension workers.
- The study recommended to necessity of a well-known of farmers the right and biological means of date palm crop control.
- A necessity that the planners of future extension programs aims to increase role of agricultural extension in the date palm crop control resistance the following variables: the opinion leadership, attitudes the extension role, means of date palm crop production, communication of the change agencies.
- A necessity that the future studies importance to another characteristic and situational variables which not found in this study.
- A necessity found clear role of governmental agricultural extension to increase role of agricultural extension in the area of date palm crop date control by making felt extension services in the study area.