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AGRICULTURAL EXTENSION

PART ONE

Objectives and Background:

The Objective is to improve social and economic conditions throughout Egypt, by carrying out a broad demonstration in the Beheira and Fayoum provinces which attacks through self help and community participation the basic problems of Rural Life.

Egyptian Conditions:

More food is needed. New land can be reclaimed. Food production can be increased by 10% or more on land now in cultivation.

There is need for an effective organized Agricultural Extension Service with field offices reaching into every Markaz to help farm people increase food production.

At present organized Extension in Egypt is limited to the two demonstration field offices at Toukh and Ashmoun. These have been proven to be successful and the Minister of Agriculture has agreed that additional offices should be established.

Ministry of Agriculture has about 50 Agricultural Centers.

Ministry of Social Affairs, Fellah Department has about 150 social centers.

General Statement - Beheira.

There is no organized agricultural extension program.

5	Agricultural Centers
16	Social Centers
11	Markaz
1,244,495	Population

5/11/53

General Statement - Fayoum.

No organized Agricultural Extension.

4	Agricultural Centers
6	Social Centers
5	Markaz
669,714	Population.

Proposed Program:

1. Ministry of Agriculture to establish a "section" for agricultural extension in Cairo with a full time director. He will supervise the activation of the extension program in Beheira and Fayoum and throughout Egypt.

2. Beheira Province.

a. Abbis Reclamation project.

Since the land is now ready for the selection and settlement of about 250 families in the Maryut area, it is proposed that an agricultural extension office be staffed and opened at once, or in time to help in selecting settlers and aiding them from the very start of their settlement.

Staff: Two extension workers, one agricultural and one home Economics.

An additional 5,880 feddans will be ready for about 1,100 families in 1956. About two (2) additional agricultural agents and 1 home economics agent should be added to the staff.

By 1958, 13,000 additional feddans will be reclaimed and ready for about 2,600 families. By this time the previous settlers should be well established and the Extension staff should be able to devote major time to the new settlers.

Experience can show if additional extension workers are needed by that time.

The budget for the extension program in the reclaimed area should be paid by EARIS. In addition to salaries there will have to be provisions for transportation, Office space, Office and demonstration equipment.

Extension Development Program in other parts of the Beheira Province.

Establish Province Extension supervisory office in Damanhour with staff:

1 province Extension Supervisor

1 province House Economics Specialist.

1 or more subject matter specialists in each field

(such as Horticulture, Animal breeding, etc.)

This staff is to help the Extension workers in each Markaz office.

Establish and activate an agricultural extension office in each of the 14 markaz in the province. Staff with one general extension worker at the start. Use present agricultural centers and possibly the Social Centers for offices. Provide each office with an automobile, office supplies, visual aids and demonstration materials for effective work. Work out a plan of Coordination of work and division of costs between the EARIS, Ministry of Agriculture and the Fellah Department.

Summary: Beheira Extension Program.

1953.

Establish Extension office in reclaimed area for 250 settlers with staff of two workers.

Establish province Extension office at Damanhour.

Train workers and establish and activate extension offices in
(5) five or more markaz.

1954

Train workers and activate extension offices in the remaining
markaz in the province.

1956

Expand Extension staff to 5 working on the Abbis reclamation
project to assist 1100 additional families.

1958

Expand or reorganize extension staff in the reclamation area
as needed to assist 2600 additional families.

Proposed Program in the Fayoum Province.

a. The 13,000 feddans will be ready for the settlement of about
2600 families in 1956-57. An extension office should be opened
in the area in settlement of the families. Since they are all new
families requiring very close supervision a staff of four agri-
cultural workers will probably be needed at the start. After
two years the staff can be reduced to three agricultural agents
and one home economics worker.

In this area the extension budget should be paid by EARIS
and should include salaries, transportation, office space, office
demonstration and visual aid equipment, printed materials, etc.

b. Extension development program in other parts of the Fayoum Pro-
vince.

1954

Establish province extension supervisory office in Fayoum Village.

Staff with:

1 Province Extension Supervisor

1 Province Home Economics Specialist

1 or more subject matter specialists in each field.

Establish and activate an agricultural extension office in each of the 5 markaz in the Province. Staff with one general extension worker at the start. Use present agricultural centers and possibly the social centers for offices. Provide each office with transportation facilities, office supplies, visual aids and demonstration materials for effective work. Work out a plan of coordination of work and division of costs between the EARIS, Ministry of Agriculture and the Fellah Department.

Establish Province Extension supervisory office in Fayoum

Village with staff:

1 Province Extension supervisor

1 Province Home Economics Specialist

1 or more subject matter specialists in each field (such as Horticulture, Animal Breeding, etc.) This staff is to keep the extension workers in each markaz office.

Establish and activate an agricultural extension office in each of the 5 markaz in the Province.

Summary of Program in the Fayoum Province:

1954

Extension service established in the Province.

A supervisory extension office to be established in Fayoum Village.

An extension office to be activated and staffed with at least

one extension worker in each markaz.

1956

An Extension office to be staffed in the reclamation area with four agricultural workers and two home economics workers.

4. Summary of Proposed Program for EARIS:

To establish an agricultural extension office late in 1953, in the reclaimed area of Abbis. This phase of the extension program to be paid from EARIS budget. The staff to be expanded from year to year as new settlers arrive. Adequate visual education, demonstration and transportation equipment to be provided. Home Economics extension workers to provide assistance in training women and youth groups. Number of agents to be sufficient to give close personal and community supervision, especially the first years. The number of agents will not follow an exact formula in relation to the number of families but will be adjusted as experience indicates the need. It is estimated that one agent to each 300 - 500 families will be required.

A similar pattern of development will be followed in the Fayoum province as reclamation and settlement develops.

The extension organization in the reclaimed areas to be organized so as to fit into a province wide and also a National extension system with Agricultural Agents in each markaz, supervisory offices in each province capital and a National Director of Extension in Cairo.

Part Three

1. Organization concepts:

The organization of extension has been described in some detail above. The Extension Organization in the Reclaimed area will be the same as in

other parts of Egypt except more agents in relation to the number of families involved and possibly more agents devoting time to specialized commodity production, for example vegetable production, animal breeding etc. The agents in the reclaimed area as well as all other agents in the province will have assistance of province subject matter specialists. The estimated Extension staff will be:

	Total Beheira 1954	Total Beheira 1956	Total Beheira 1958	Province wide other than Abbis 1954
Agricultural Agents	1	3	5	11
Home Economics "	1	2	3	1
Province Subject Matter Specialists.				6
Supervisory Staff.				1

A similar pattern will be followed in the Fayoum province.

Recommendations:

In the selection of extension workers, chose one that is a specialist in marketing, one in vegetable production and other specialities as sufficient need develops. The first extension agents should be good general agents. While first attention should be given to the reclaimed area, do not neglect the Province wide extension program. Efforts to increase production on land already being farmed may bring quicker returns than on new lands.

Part Four.

Procedures to Carry Out EARIS Program.

Procedures and Recommendations:

1. Have Ministry of Agriculture select extension agents and with Point IV assistance develop a training period in Cairo before settlers are selected.

2. National Production Council to encourage a system of coordination of Fellaah Department, Ministry of Social Affairs, and Ministry of Agriculture so that the facilities of both Ministries in the Social and Agricultural Centers can be used for extension service to the farmers.