

Program of American Aid of Economics .

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Action plan of the project.

I - Identification

Country : Vietnam

Region : Central-Vietnam

Date : January 1956.

Main point of the program : Agriculture

Subject of the project : Creation of provincial gardens at  
the South of Central-Vietnam.

Address : General Direction of Agriculture (Ministry of Agri-  
culture, Saigon)

Manager : Trinh-Dinh-Thien, Chief of Agricultural Sector,  
Nhatrang.

Address : Nhatrang.

II. Explanation of the need.

The South of Central-Vietnam, including the provinces : Phu-yen, Khanh Hoa, Ninh-thuan and Binh thuan, is a region extended lengthways. Cultivations are very diverse for the reason of climatic conditions and sand-soils.

Besides the rice which are the main production, other cultivations have been often very important and are still apt to a great economic development, such as sugar-canec spread everywhere, especially at Tuy-Hoa; tobacco for cigarettes at Khanh Hoa and Ninh-thuan, cotton at Phan-Rang and Phan Thiet, maizes fruit-trees (citrus, coco-nut palms and especially mangoes).

Before the war, there was in each province a provincial garden to gather the main local and foreign kinds and miscellanies in view of studying their comportments and the quality of their products.

These miscellanies have been selected in order to design the best vegetals for each region, taken into account of conditions of soil and climate, with a view to try to win over their large scale increases and their popularizations among the farmers.

Because of the war, these gardens have been destroyed, even the vegetals collected for a long time.

This project aims at asking the American Aid for credit accounts

- restore these gardens
- prove the modern techniques of cultivation with concret examples for farmers.

### III. Program of activity

A provincial garden of about 3 ha (or more than this number) will be established in each of the four provinces Phu Yen, Khanh Hoa, Ninh thuan and Binh thuan. Its works will be as follows :

- Gathering main local and foreign miscellanies concerning the following cultivations :

Sugar-canes

tobaccoes

cotton-plants

Fruit-trees (almost citrus and mangoes)

- Studying their comportments; increases and popularizing best vegetals among the farmers.

Realizing modern techniques of cultivation :

Fertilizer experiments

use of covering plants

making of manure

use of insecticides

use of agricultural implements.

With the above said objectives, these gardens will be able to become useful to the local agriculture which up to now, almost entirely lacks concret examples to follow.

Particularly they will set up, on the other hand, first stages for the developments and the industrializations of very important cultivations such as tobaccoes, sugar-canes, cotton... in this region of Vietnam.

#### IV. Time-table on the project

Just on the arrival of credit accounts to our disposal, will be begun the preparation for gardens.

Orders of material will be carried out on the spot and abroad.

In order that works may go on well in due time, it is necessary to agree with the manager of Plan on an advance funds of 300.000\$00 to pay different purchases and labor costs.

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#### V. Organization table.

In each province the garden will be supervised by the Chief of Agricultural Division under the Direction of the Chief of Agricultural Sector at Nha-trang.

To help him, there will be as follows :

- 1 supervisor
- 2 man-labourers
- 2 woman-labourers

For importants works, flottante day-works will be necessary and estimated at :

- 720 men's day's works
- 360 women's day's works.

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#### VI. Asked equipments at the AEA

- As Jeep and a pick-up for displacements and transports of agricultural material.

- Foreign seeds and vegetals :

Different kinds of citrus and mangoes.

Different grains of tobacco and cotton cuttings of sugar-canes.

- Chemical fertilizers and agricultural material

4 pumps of 100m<sup>3</sup>/h

motocultors, ploughs, harrows etc...

Insecticides  
Diverse fertilizers

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VII. Asked providing supplies at the AEA.

For each garden, following credit accounts will be asked for

1o) Construction

- Rent of building land	10.000\$
≤ House for keeper )	
drying yard (	30.000\$
Small shop )	
- Model Cow-house with manure-yard	20.000\$
- Enclosure	20.000\$
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	80.000\$

2o) Different purchases :

- vegetal material :	
grains, cuttings	5.000\$
- 2 buffaloes	12.000\$
- Agricultural tools	6.000\$
- material of maintenance and transport :	
sprayers,	
wheelbarrows	5.000\$
- Different manures	3.000\$
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	31.000\$

3o) Permanent labor:

1 supervisor at 3.200\$ a month	38.400\$
2 Men at 45\$ per day's work	32.850\$
2 women at 35\$ per day's work	25.500\$
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	96.750\$

4o) Flottante labor

720 day's works at 45\$	32.400\$
360 day's works at 35\$	12.600\$
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	45.000\$

5o) Different transports :

Vegetal material, manure, harvest	5.000\$
<u>General total for 1 garden</u>	<u>257.750</u>

Total of credits accounts wanted for 4 gardens : 1.031.000\$

VIII. Budget

- constructions ...	320.000\$
- Diverse material	124.000\$
A. Expenditure :-Transports	20.000\$
- Labor-costs	567.000\$
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	1.031.000\$

B. Receipts : None