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TITLE: MOROGORO POULTRY PROJECT

ORIGINATOR: AFRICAN NATIONAL CONGRESS OF SOUTH AFRICA

LOCATION: MAZIMBU FARM - MOROGORO, TANZANIA

PROJECT SUMMARY: The Morogoro Poultry Project aims at erecting and equipping a complete poultry unit, including an incubator and hatchery, in a three phase project over four years in order to help the Mazimbu farm achieve self-sufficency in its food production and to establish an integral part of the vocational training programme for the Morogoro School.

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I. GENERAL BACKGROUND

With the allocation of the Morogoro site for the School and Farm complex in 1977, the ANC (SA) set to work to provide not only the facilities for education of the students who have left and who will leave South Africa, but also designed a number of agricultural projects which would render the Morogoro site self-sufficent in food production. These facits of the farm also aimed at providing training facilities for the students in the various aspects of modern agriculture.

One of the first undertakings following the establishment of the Secondary School was the construction of two poultry units which would provide fresh broilers and eggs for the community. Although these units have met the immediate need for a high protein food supply, further development of the poultry project is necessary to fulfill the long term aim of self-sufficency in poultry production.

At present a second structure has been constructed and is ready to house the layers. A third has been "staked-out" as an additional layer unit but is yet to be started. In all, the poultry project aims at establishing layer, broiler and breeding units to fulfill the goal towards self-sufficency and to provide a work programme for the Morogoro School.

II. OBJECTIVES

1. To erect and equip a poultry farm with the necessary pens, sheds and breeding units.

2. To act as a vocational training and integrated work programme of the Morogoro Secondary School for animal husbandry and farm management.

3. To start a breeding and hatching enterprise which would help supply the local demand for chicks and assist in attaining self-sufficency in the overall poultry farm project.

4. To assist in supplying the food needs of the Morogoro School and farm at a projected population of 1000 persons by the end of 1981 and 2000 persons by 1984.

III. PROJECT DESCRIPTION

The poultry project is to be located near to the vocational training area at the east end of the site. In all there will be 9 buildings when the final stage is finished - 4 layer units enclosing 3 pens each, 2 broiler houses covering 6 pens (4+2), one incubator/hatchery, one egg storage room and a parent stock pen.

The total population of the various pens at any one time will be as follows:

	1981	1982	1983
layers	1500	1500	3000
broilers	2000	2000	3000
hatchery	N/A	500/wk	500/wk
parent	525	525	525

Because the Morogoro Poultry Project will service a growing population and because of its costs it will be carried out in three phases which will correspond approximately with the population of the complex.

PHASE I.

This phase is will underway and anticipates a population of 500-100 people. The final layer unit will be completed in early 1981, a bit before the population of the community is due to reach 1000. Under this phase, two (2) broiler units of two (2) pens each and two (2) layer units of three (3) pens each are to be completed. Also the incubator/hatchery will be constructed and installation will get under way. In all cases the stock will have to be purchased for all of these units.

PHASE II.

The actual production capacity of the poultry project will not increase during this phase as the population will only reach the 1000 level during this period. During this phase the main aim is to establish the means of becoming self-supplying in broiler stocks.

The parent stock unit, egg storage and feed store equipment with feed huller, grinder and mixer, establish a constant supply of eggs to the incubator/hatchery, eggs for the community and feed for the poultry.

PHASE III.

Phase III completes the expansion process and enables the poultry project to feed a population of up to 2000 people with some small percentage for supplying the local market. Under this phase one (1) broiler unit of two (2) pens and two (2) layer units of three (3) pens each are to be completed and equipped.

Although the population may not reach 2000 people unitl 1983-84, it is necessary to construct the units will ahead of demand so that there is no short fall. As the parent stock and layers must be changed once annually this will be a re-occuring cost.

IV. BENEFITS

The total population of the Morogoro School and Farm will benefit from this constant source of broilers and eggs.

The students and ANC (SA) members attached to the poultry project for vocational training will be able to have practical experience in animal husbandry and farm management.

The local Tanzanian population will gain an additional source of chicks, eggs and poultry meat to meet their daily diet requirements.

V. ENDORSEMENT OF THE PROJECT

The Morogoro Poultry Project h s been designed by the Farm Manager at Mazimbu Farm and constructed under the supervision of the Construction Office. The Project Office of the Treasury Department of ANC (SA) has drawn up the proj ct description and it has been endorsed by the Treasurer General's Office and the National Executive Committee.

VI. RELATED PROGRAMMES AND SOURCES OF ADMINISTRATIVE/TECHNICAL SUPPORT

The poultry project is part of a comprehensive plan to help the Morogoro School and Farm Complex be self-sufficent in its food production. The production of maize and other grain crops on the farm will provide part of the feed for the poultry. A common butchery unit will slaughter all farm livestock. Available farm transport will carry the poultry requirement from the area of supplu to the project.

A variety of interested groups are helping to support the project. The Danish Volunteer Service has provided a trained farm manager to oversee all farm projects.

To date, funds have been received from SIDA for phase I stock and equipment totalling Tsh. 65,900.

VII. OPERATIONAL PLAN AND REPORTING

The poultry project has been planned in its totality by the construction department of the Morogoro School and Farm Complex. The total project will require about 4 years to complete pending the establishment of the incubator/hatchery unit. Some of the buildings have already been built through a variety of small donations. The bulk of the project still requires a donor agency to contribute funding.

Any funds received for this project will be administered by the Treasury Department of the ANC (SA), Lusaka and donor reports will be issued by the Project Offices of the Treasury Department upon request. The Project Office will provide a liason between the Treasury Department, the donors and the poultry project itself.

VIII. COUNTERPART CONTRIBUTION

ANC (SA) members are working at the poultry runs with the help of a Danish volunteer and some Tanzanian workers.

Two or three times a month secondary school students contribute their time to work at the poultry runs through their vocational training programme.

All of the skilled construction work will be done by ANC (SA) members or overseas volunteers.

IX. ANTICIPATED OBSTACLES

Shortages of cement and building materials are frequent in Tanzania. Also imported items such as the incubator can require a long time to arrive. Despite these problems, the project should progress on time.

X. BUDGET SUMMARY

(All costs are in Tanzanian shillings)

1. PHASE I	1980-81	986.150	
2. PHASE II	1981-82	548.250	
3. PHASE III	1982-83	737.250	
			2,271.650

Plus inflation costs of 40%/annum

1. PHASE II	plus 40% of phase II costs	219.300	
2. PHASE III	plus 80% of phase III costs	589.800	
			809.100
TOTAL			3,080.750

100.000

PROJECT BUDGET

A. PHASE I 1980-81

1. Construction Costs

	NO.	AREA/m^2	COST/m^2	TOTAL
a) layer units	2	157.5	1,500	472,500
b) broiler units	2	10.5	1,500	315,000
c) hatchery	1	49	1,000	49,000
				836,500

2. Stock

	NO.	COST/BIRD	TOTAL
a) layers (birds)	1500	8	12,000*
	500	10	5,000*
b) broilers (birds)	1000	8	8,000*
	2500	10	25,000
c) parent stock (import)			
hens	500	30	15,000
cockerels	25	30	750
			65,750

3. Equipment

	NO.	COST/ITEM	TOTAL
a) feeders	40	210	8,400
	40	250	10,000
b) drinkers	20	250	5,000
	20	300	6,000
c) beak remover	1	2500	2,500
d) incubator/hatcher	1	20000	20,000
e) cooling unit	1	7000	7,000
f) mediatives/minerals vitamins (import)			25,000
			83,900
			986,150

* These costs have been paid by SIDA.

B. PHASE II 1981

1. Construction Costs

	NO.	AREA/m^2	COST/m^2	TOTAL
a) parent stock unit	1	60	1500	90,000
b) egg storage	1	25	1000	25,000
c) feed storage	1	135	1500	202,500
				317,500

2. Stock

	NO.	COST/BIRD	TOTAL
a) layers	1500	10	15,000
b) broilers	7000	10	70,000
c) parent stock (imported)	500	30	15,000
cockerels	25	30	750
			100,750

3. Equipment

a) feed grinder and motor	40,000
b) feed mixer	30,000
c) medication/minerals vitamins	25,000
d) feed huller	35,000
	130,000

584,250

C. PHASE III 1982-83

1. Construction Costs

	NO.	AREA, m^2	COST/m^2	TOTAL
a) layer units	2	157.5	1500	472,500
b) broiler unit	1	108	1500	162,000
				634,500

2. Stock

	NO.	COST/BIRD	TOTAL
a) layers	3000	10	30,000
b) parents stock (imported)			
hens	500	30	15,000
cockerels	25	30	750
			45,750

3. Equipment

	NO.	COST/ITEM	TOTAL
a) feeders	80	250	20,000
b) drinkers	40	300	12,000
c) medication/minerals vitamins			25,000
			57,000
			737,250