



# Africare

"L'Amélioration de la qualité de la vie en Afrique rurale  
en développant les ressources hydrauliques, la production agricole, et les services de santé."

Africare Tchad  
B. P. 689  
N'Djaména  
Tél. 30-25

Siège Administratif :  
1601 Conn. Ave., N.W.  
Washington, DC 20009  
Etats-Unis

Chad Relief and Rehabilitation Project :

Grant N°. 677-0000-G-00-3169-00

Projet N°. 677-0041

ACTIVITY PROGRESS REPORT N° 9 ;

ACTIVITY TITLE : Vegetable Gardening Activity ( VGA )

ACTIVITY N° PIO/T 677-0041-3-30013

EXECUTIVE ORGANIZATION : Africare

DEPARTMENT : CHAD

CERTIFYING OFFICER : Dan Gerber, Country Representative

SUBMITTED TO : USAID Representative to Chad

cc : Office of Development Information  
and Utilisation

Bureau for Development Support

USAID/WASHINGTON

January - March 1985

*BEST AVAILABLE COPY*

## I. ACTIVITY DESCRIPTION

This relief and rehabilitation activity in the Chari-Baguirmi prefecture of Chad has as its overall goal amelioration of conditions in the agricultural sector in Chad which has been devastated by drought and war. The specific purposes of the activity are to:

- 1). Promote the timely rehabilitation of CAMAN ( Agricultural Cooperative of Vegetable and Fruit Growers in N'Djamena).
- 2). Distribute relief food through Food for Work.
- 3). Increase agricultural production in Chad.
- 4). Serve as a pilot project collecting baseline data which will allow for possible future development and expansion of CAMAN'S activities, including improved marketing.
- 5). Test agricultural technologies.
- 6). Help maintain the Africare country office which will allow funding of other related agricultural, relief and development projects.

The sites for the Vegetable Gardening Activity are Miskine and Maïlao. Miskine is located about 20 kilometers west of N'Djamena and Maïlao 70 kilometers south of N'Djamena.

## II. IMPLEMENTATION

The proposed implementation schedule for this activity was set forth in the Activity Justification Paper(pp.25-28).Due to delays and other problems reported earlier,the activity has yet to attain its production or marketing goals.To help get the project competent technical advice an agronomist, Joao Miji,was brought to direct the project in

December 1984. During this reporting period, important strides were made to reorganize the cooperatives and to improve the agricultural practices. The reorganization has stressed establishment of individual plots at both sites to encourage and reward those cooperative members who work hardest. (Please see attachment A - Proposal For Improved Functioning of Mailao and Miskine Coops). At Miskine a decision was made to expand the garden to incorporate the adjoining 10 ha which is more appropriate (due to the terrain) for irrigated farming.

### III. OBJECTIVES/ TARGETS

Through the reporting period there has been progress in achieving some of the objectives of the activity. Comments regarding progress towards achieving the objectives are listed below:

#### 1) Promoting the rehabilitation of CAMAN

Four CAMAN agents are working at each site gaining practical experience on working with market gardening cooperatives.

#### 2) Distribution of relief food through Food For Work

This phase of the project is completed. There is a possibility of requesting an additional one month allotment from W.F.P. to help in the construction of the second main irrigation canal in Miskine.

#### 3) Food production

The following tables detail the quantity of recorded food production and revenue at each site. Actual production, depending on the crop, could be between 5% and 50% greater than the recorded totals as substantial amounts of production have been consumed directly by the growers.

PRODUCTION : TOTAL IN KILOGRAMS. JANUARY TO MARCH 1985

3

MONTH	VEGETABLE	MISKINE	MAILAO	TOTAL
JAN	eggplant	1,099	959	2,058
	tomatoes	555	5,928	6,483
	okra	0	61	61
	onion	0	0	0
	other	23	397	420
	Total January	1,677	7,345	9,022
FEB	eggplant	443	0	443
	tomatoes	1,785	312	2,097
	okra	0	163	163
	onion	0	0	0
	other	459	24	483
	Total February	2,687	499	3,183
MAR	eggplant	81	0	81
	tomatoes	525	44	973
	okra	0	107	107
	onion	0	250	250
	other	397	427	824
	Total March	1,003	1,232	2,235
TOTAL JANUARY TO MARCH 1985	eggplant	1,623	959	2,582
	tomatoes	2,865		9,553
	okra	0	331	331
	onions	0	250	250
	other	879	848	1,727
	Total	5,367	9,076	14,442

BEST AVAILABLE COPY

Revenue Totals January to March 1985 in CFA

Period	Miskine	Mailao	Total
January	76,070	311,350	387,420
February	131,445	15,500 *	146,945
March	41,460	24,000*	65,460
Total	248,975	350,850 *	599,825

\* Does not include cash sales made directly by growers in Mailao.

4

PRODUCTION SUMMARY BY QUARTERLY PERIODS (in kilos)

PERIOD	MISKINE	MAILAO	TOTAL
Oct 83-Dec 84	0	0	0
Jan 84-Mar 84	0	0	0
Apr 84-Jun 84	347	64	411
Jul 84-Sept 84	4,401	3,077	7,478
Oct 84-Dec 84	6,306	8,712 *	15,018 *
Jan 85-Mar 85	5,367	9,076	14,442
TOTAL	5,367	20,929	37,349

\* includes sorghum production not previously reported.

REVENUE SUMMARY BY QUARTERLY PERIODS (CFA)

PERIOD	MISKINE	MAILAO	TOTAL
Oct 83-Dec 83	0	0	0
Jan 84-MAR 84	0	0	0
Apr 84- Jun 84	26,180	10,470	36,650
Jul 84-Sept 84	433,545	281,700	715,245
Oct 84-Dec 84	471,020	703,700*	1,174,720
Jan 85-Mar 85	248,975	350,850	599,825
TOTAL	1,179,720	1,346,720	2,526,440

\* includes estimated value of 23 sacks of sorghum grown and kept by the growers.

4) Collecting data

Raw data on prices of vegetables have been recorded throughout the life of the project. To date CAMAN has not used this data to chart price fluctuations or help in recommending which crops to grow. Nonetheless important information and experience is being gained regarding how to establish market gardens in the current Chadian setting.

5) Testing agricultural technologies

Nursery beds have been constructed to improve the germination rates of transplanted vegetables. Improved and simpler means of irrigation (siphoning and straight line irrigation flow techniques) have been introduced as well. Through private funding a windpump will be installed at the expanded site in Miskine.

6) Helping establish the Africare office thus allowing the development of other projects

During this reporting period 5 privately financed projects have been granted to Africare Chad. Two \$ 3,500 village garden projects have begun in the villages of Danouna and Midekhine. These projects are part of Africare's village development program- a program designed to bring self-help assistance to particular villages over a number of years. A third project awarded during this reporting period is a \$ 998 village development program for Djarmaia. The funds will go toward completing the primary school in this village. A fourth project awarded is the funding for purchase of cloth to make clothing for 400 displaced children in Abeche. The fifth project is a \$21,842 project funded by the United Methodist Committee on Relief to construct a windpump and well in Miskine. This project will help irrigate the Miskine garden and give useful data on wind powered irrigation in Chad.

IV. PHYSICAL PROGRESS1) Miskine

Work is well under way to add an adjoining 10 ha plot to the garden. This plot is more suitable for irrigated farming due to its flatness. Surveying and clearing have already begun. An additional motorpump is being procured for this plot.

2) Mailao

Preparation for the installation of a second pump have taken place. This should allow 12 ha to come under production- the original target.

A larger quantity of tomatoes are being grown now and are staked and supported unlike previous tomato crops in Mailao. Following meetings with the cooperative members it was decided that 5 ha would be split into individual plots. Three ha have been put aside for a cooperative garden- revenue from which will go to the cooperative structure to pay for gas and other expenses. It was decided that marketing would become the responsibility of the growers rather than the CAMAN Bureaucracy.

3) N'Djamena

CAMAN never opened any produce stands. The one built will be taken down and sent to Mailao where the stand will be used to sell vegetables on the major North-South road passing through Mailao.

V. MAJOR ACCOMPLISHMENTS WITH RESPECT TO OVERALL PURPOSE

- 1) An actual cooperative structure has begun to be established at each site.
- 2) The process of change which will allow for individual plots at each site to be established has begun.
- 3) Improved agricultural practices have been taught and are being implemented at each site.
- 4) An adjoining plot in Miskine is being prepared. This plot is better suited for irrigation than the original site and will greatly increase production.
- 5) In Mailao only 65 people remain as members in the coop. As noted in the mid-term evaluation this was to be expected once the Food For Work program stopped. The remaining members appear to understand the goals of the project and are more committed to making the project succeed.
- 6) In Miskine 60 people remain actively involved in the project.

VI. DELAYS AND BOTTLENECKS

There has been some delay in obtaining the two additional motorpumps. We have received assurances from our supplier that this problem will soon be overcome.

VII. NON-AID INPUTS

1) GOC/CAMAN

The field agents are working well under the guidance of the new project officer, Joao Miji. The government authorities continue to support the project.

2) World Food Program

W.F.P. has promised to give consideration to additional food payment for expansion of the Miskine site.

CHART A. Non-AID Project Inputs for 3 Month Period Jan.1.1985 to March. 31. 1985 .

Line Item	W.F.P.	AFRICARE (1)	G.O.C.(2)
Salaries	-	-	1191
Fringe	-	-	119
Travel and Lodging	-	-	-
Equipment	-	\$ 30,822	217
Supplies	-	-	-
Bus.Cost/Other Direct/Ind	-	-	1174
TOTAL	-	\$ 30,822	\$ 2701

- 1) This is the total budgeted for the 5 new approved privately financed projects in Abeche, Danouna, Midekhine, Djarmaia, and Miskine.
- 2) See attachment B.

CHART B. Non-AID Project Inputs through March 31, 1985.

Line Item	W.F.P.	AFRICARE	G.O.C.
Salaries	—	\$ 12,450	10,588
Fringe	—	1,494	1081
Travel and lodging includes WFP external transport.	\$ 67,245	42,924	5175
Equipment	—	101,831 (1)	5181
Supplies	70,195	—	100
Bus.Cost/Other Direct (include WFP internal storage and distribution)	7,195	5,500	8,659
TOTAL	\$144,604	\$ 164,199	\$ 30,784

- 1) This figure reflects total approved funding from 1983 to date of privately funded Africare projects in Chad excluding the packaged disaster hospital units.

VIII. OTHER COMMENTS

An evaluation of the project is due to take place in Mid-May by AID and Africare Washington. Planning for this evaluation is underway.



# Africare

"L'Amélioration de la qualité de la vie en Afrique rurale  
en développant les ressources hydrauliques, la production agricole, et les services de santé."

Africare Tchad  
B.P. 689  
N'Djaména  
Tél. 30-25

Siège Administratif :  
1601 Conn. Ave., N.W.  
Washington, DC 20009  
Etats-Unis

PROPOSAL FOR IMPROVED FUNCTIONING  
OF MAILAO AND MISKINE COOPS

February 26, 1985

(Translation from French Copy)

The Miskine and Mailao projects were established to have the cooperative members trained in agricultural practices and to establish a system which would allow them to produce enough food for self-sufficiency and with a surplus for commercial sales.

It was envisioned that CAMAN's assistance would be temporary and that once established the cooperatives could function on their own. It is therefore time to establish two functioning cooperative units.

To date the system established has had 70% of the gross revenue which the cooperative has earned from sales returned to the members of the cooperative. Of the remaining 30%, 10% has gone towards paying CAMAN's administrative costs, 10% has been set aside as a reserve for the cooperative, and 10% has been set aside to pay for a portion of the operational costs ( gas-oil, pump-maintenance, etc). In fact this system has not worked well. The cooperative members have no incentive to go through the marketing system. Rather the incentive is to go around the system keeping the production themselves for food or for direct sales. It is also clear that the 10% put aside for operational expenses is not enough to pay actual costs. Additionally we do not know whether the 10% administrative fee for CAMAN covers the true costs or if it is too much or too little. What is needed is to establish a system which will:

- 1) Pay CAMAN for its legitimate expenses incurred through its work at the two sites.

- 2) Give the cooperative members a reasonable income.
- 3) Reward the better workers.
- 4) Pay for the operational expenses incurred at the site.
- 5) Enable the cooperative to build a cash reserve which will pay for future inevitable expenses ( such as a new motor pump once the current one wears out).
- 6) Be accountable and is understood by the cooperative members.

Africare thus proposes that a new system be adopted by March 1, 1985 to meet the above stated needs. This new system should be worked out and agreed upon by the cooperative members, CAMAN and Africare. As a point of departure, Africare proposes the following system:

- 1) The members of each cooperative will chose a President, Manager, and Treasurer from among their members. Each will have specific duties as agreed upon by the cooperative members, CAMAN, and Africare.
- 2) The cooperative will be in charge of its own marketing. This will be done by having members of the cooperative going them selves to N'Djamena to make sales, by locating family members in N'Djamena to sell produce for them, and/or by selling wholesale to merchants at each site. CASH revenue will be kept by the individual market gardeners or by the treasurer as decided by the cooperative members.
- 3) The cooperative members will pay —in cash or produce— for individual services provided by CAMAN. For example, if CAMAN provides a tractor an hourly fee will be charged to those members whose field is plowed. In this way CAMAN will be paid for its services and the cooperative will pay for what it receives.

- 4) The cooperative members will be given a plot of land. Members may work together or separately. Each member will earn money according to his or her work on his or her own plot. When a communal effort is required (e.g., rebuilding a canal) the members will be charged money or will have to provide the labor to complete the task.
- 5) Cooperative members will have to pay—in produce or cash—for seed, fertilizer, tools, gas-oil, pharmaceuticals, etc. used at the site. What has already been supplied was provided free to establish a revolving fund ( a fonds de roulement) thus costs must be charged if the cooperative is to ever continue on its own.
- 6) Failure to pay for expenses will necessitate the cooperative member losing his plot of land.
- 7) Africare and CAMAN will provide suggestions and ideas on how to run the cooperative. However, ultimate responsibility rests with the cooperative members who must themselves control and run the cooperatives.

As mentioned above this is our proposal. We must meet together — Africare, CAMAN, and the cooperative members - to discuss this proposal and listen to other ideas on how to implement a viable system. We propose going to both sites next week to discuss the proposal outlined above. Hopefully these discussions will be fruitful and enable the cooperatives to function better.

Joao Miji

Dan Gerber

Agronomist

Country Representative

PARTICIPATION DE L'ETAT TCHADIEN AU PROJET  
AFRICARE-USAID, PERIODE DE TROIS MOIS ( JANVIER-FEVRIER-MARS 1985)

N°	NOMS ET PRENOMS	ETAT TCHADIEN	PROJET AFRICARE	OBSERVATION
1	Ali Djimé	70.000	105.000	Directeur
2	Rolta Ehnénini Passalé	26.400	39.600	Adjoint
3	Adam Hassan	28.200	42.300	Gestion
4	ABDELKERIM BLAGUE	12.200	19.200	Chef Section
5	NGARO MALDY	12.200	25.500	Miskiné
6	MAYADJIM	12.200	16.148	Mailao
7	DORDJI DOUMTOLOUM	12.200	16.148	Mailao
8	3 AGENTS A MAILAO	12.200	27.000	Mailao
9	ISSEMBE BETOLOUM	12.200	16.148	Miskiné
10	KLADOUM	12.200	16.148	Miskiné
11	2 AGENTS A MISKINE	12.200	13.500	Miskiné
12	KADIDJA SALEH	4.640	6.960	S.Dactylo
13	BIEGPAME WEDANG RACHEL	3.600	5.400	S.Dactylo
14	MAHAMAT ADOUM	3.600	5.400	Chauffeur
15	BADAYE GABRIEL	3.600	5.400	Planton
16	ISSA MAHAMAT	3.600	5.400	Sentinel
		155.840	365.252	PAR MOIS

BEST AVAILABLE COPY

POUR 3 mois ( Janvier-Fevrier-Mars 1985) 1.095.756 F (1/2 salaires) 547,878  
 10 % du Salaire brut sont versés par l'Etat. Pour 365.252 F CFA Bruts par mois  
 soit 36.525 F x 3 = 109.575 F CFA. (1/2)

II - Bâtiments - Véhicule - Utilisation Matériels

Bâtiments : 540.000 F par trimestre

~~Véhicule~~ : 250.000 F par trimestre NOT USED ANYMORE

~~Utilisation~~ : 50.000 F par trimestre use of TRACTOR = 100,000

Total : 1.095.575 F + 109.575 F + 540.000 F + 250.000 F + 50.000 F = 2.045.331 F CFA

Fait à N'Djamena, le 20 Avril 1985

Le Directeur de la CAMAN

ALL TIME

12