

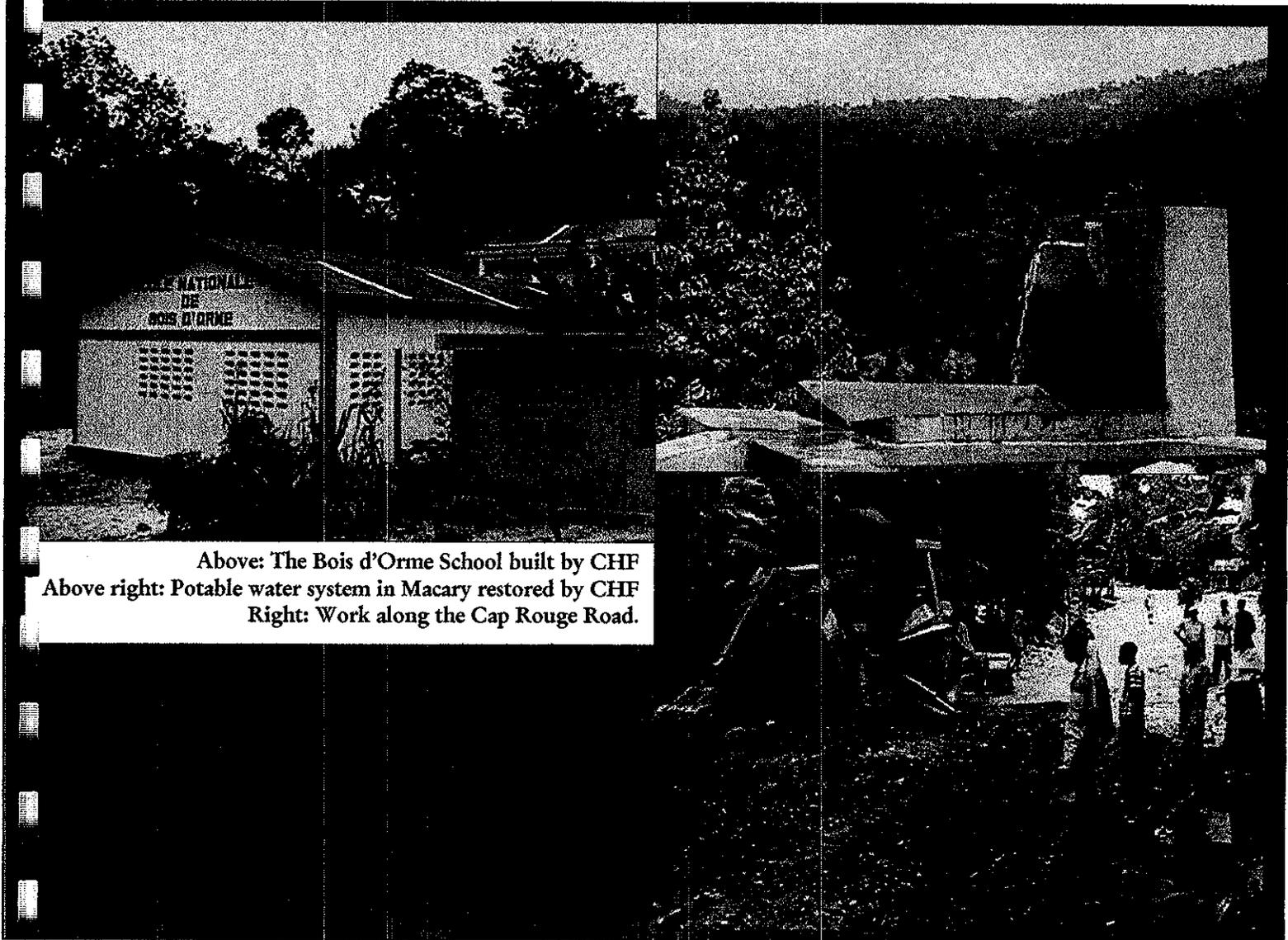
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HURRICANE GEORGES RECOVERY PROGRAM

Eighth Quarterly Report
July 1-September 30, 2001

USAID Cooperative Agreement No. 521-A-00-99-00072-00



Above: The Bois d'Orme School built by CHF
Above right: Potable water system in Macary restored by CHF
Right: Work along the Cap Rouge Road.

A



PAN AMERICAN DEVELOPMENT FOUNDATION

H A I T I

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MEMO

Date: October 19, 2001

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HGRP Director

RE: HGRP Eighth Quarterly Report

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Winrock: Martin Bush

Attached is the *Eighth Quarterly Report* for the Hurricane Georges Recovery Program. We have not included any of the final reports that we have received since these will all be included with the final report. For those of you who have not yet submitted your final reports, I urge you to do so quickly. I hope to have the draft HGRP final report produced by November 9th.



B

Acronyms

ATRADEM	Association des Travailleurs de Merceron
CARE	Cooperative for American Relief Everywhere
CBO	Community-Based Organization
CDMP	Caribbean Disaster Mitigation Project
CDRH	Centre de Développement des Ressources Humaines
CECI	Centre Canadien d'Etudes et de Coopération Internationale
CHF	Cooperative Housing Foundation
CIAT	Centro Internacional de Agricultura Tropical
CODHA	Conservationistes d'Haiti
CRS	Catholic Relief Service
DMP	<i>Disaster Mitigation and Preparedness</i>
FAVA/CA	Florida Association of Voluntary Assistance/Caribbean Action
FEMA	Federal Emergency Management Agency
GOH	Government of Haiti
HGRP	Hurricane Georges Recovery Program
IPDG	Inite Peyizan Pou Devlopman Gaya
IR	Intermediate Result
KOMELAK	Komité pou mété Lafond Kampé
M & E	Monitoring and Evaluation
MODPA	Mouvman Devlopman Peyizan Ansapit
MPCE	Ministère de la Planification et de la Coopération Externe
MARNDR	Ministère de l'Agriculture des Ressources Naturelles et du Développement Rural
MTPTC	Ministère des Travaux Publics des Transports et Communications
MENJS	Ministère de l'Education Nationale de la Jeunesse et des Sports
MIS	Management Information System
NGO	Non-Governmental Organization
OAS	Organization of American States
OFDA	Office of Foreign Disaster Assistance
ORE	Organization for the Rehabilitation of the Environment
PADF	Pan American Development Foundation
PVO	Private Voluntary Organization
RFA	Request for Application
RIG	Regional Inspector General (USAID)
SECID	South-East Consortium for International Development
SO	Strategic Objective

Executive Summary

This report covers the period 1 July through 30 September 2001. During this period, the Pan American Development Foundation (PADF) Hurricane Georges Recovery Program (HGRP) completed nearly all field activities and expended nearly all of the project funds. The major successes from this quarter include:

- Cumulative program expenditures reached \$8,351,700 or 99% of the total contract value of \$8,448,372. The remaining \$96,672 will be used to cover project closeout activities.
- PADF and its partners have already contributed \$1,430,943 to the project—well over the target of \$1,330,659.
- The last seven subprojects were completed bringing to 29 the number of subprojects completed under the HGRP.
- Winrock International brought five experts to Haiti as part of their Farmer-to-Farmer program bringing to 20 the total number of volunteers fielded. This is five more than originally planned.
- CDRH completed work on 22 local action plans and PADF worked with the committees to get all of the documents signed and submitted to the local authorities.
- All of the HGRP partners completed their fieldwork, leaving only financial and technical reporting to be done.

During the upcoming quarter, PADF will focus on closing the financial reports and preparing the final technical report.

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I. Program Goals and Summary

In late September 1998, Hurricane Georges caused extensive damage in Haiti, particularly in the southern regions of the country. The vulnerability of many localities, areas where a large percentage of the population was already suffering from high levels of poverty, was significantly heightened by this natural disaster. The Hurricane Georges Recovery Program (HGRP) is a humanitarian aid response to the most severe effects of the hurricane. The strategic objectives of the program are designed to enhance the capacity of selected communities to recover from the severe economic impact of Hurricane Georges and to better prepare them for future natural disasters. The targeted results of the program are as follows:

- to improve food production capabilities in affected areas through production of high-yielding staple crop seeds and plant materials to be made available to participating farmers;
- to restore productive and social infrastructure by reconstructing farm-to-market secondary and tertiary roads, rehabilitating small irrigation systems, repairing potable water systems, and fixing rural schools damaged by the hurricane;
- to reduce the environmental impact of future disasters through soil conservation interventions and treatment of degraded ravines, through promotion of environmentally sustainable agricultural practices, and by undertaking a series of small-scale environmental protection initiatives in key micro-zones;
- to support the above activities with appropriate technical assistance packages and extension activities; and
- to increase local capacities to address disaster mitigation and preparedness through an extensive training program at local levels, accompanied by workshops, conferences, and coordination efforts at the regional and national level.

The program is designed to address the identified needs of communities affected by Hurricane Georges. Providing high quality seeds and plant materials such as corn, beans, and sorghum will promote increases in agricultural production. Rehabilitation of the damaged irrigation systems will promote increased production. The rehabilitation of secondary and tertiary roads will improve access to markets and stimulate commerce. Reestablishing supplies of potable water will improve the physical well-being and social welfare of the communities. Strengthening schools to be used as emergency shelters will improve the durability of the schools as well as provide a safe-haven for future disasters. In the long-term, the soil conservation measures, rehabilitation of ravines, and other environmental measures will help to diminish the effects of similar future disasters and thereby promote sustainable agriculture.

To tie all of these components together and to reduce the impact of future disasters, the program includes a strong training component that was implemented in all of the targeted communities. In these communities, the HGRP provide a general community awareness seminar to bring out the basics of disaster preparedness and mitigation. Out of these seminars, a core group was drawn that developed their community's disaster preparedness and mitigation plan.

The Pan American Development Foundation (PADF) is implementing the program with a variety of partners. These include international PVOs such as Catholic Relief Services, CIAT, the Cooperative Housing Foundation, Plan International and CECI; Haitian NGOs such as ORE and CDRH and local community-based organizations (CBOs). PADF has also established a strong partnership with the Haitian Government through a special *Comité de Suivi*. This committee includes representative from the main ministries such as Agriculture, Interior, Public Works and Education as well as from the PL480 office.

The program implementation methodology calls for a high level of community involvement during the planning, execution and monitoring phases. The extensive experience of PADF and its implementing partners in executing similar projects throughout Haiti facilitates the process of rapidly identifying subprojects and getting local communities on board.

The HGRP contains a well-balanced mix of intermediate results to be obtained in order to meet the project objectives. PADF's implementation approach seeks to achieve integrated results within each zone of intervention. The choice of sub-project activities in targeted intervention areas is carefully reviewed to support an integrated mix of activities relating to as many components as possible, including environmental protection, agricultural production, and rehabilitation of social infrastructure. Interventions selected on a stand-alone basis are less likely to create durable improvements because of the failure to address other vital constraints that exist in the locality. An integrated approach fosters both cost-effective and sustainable results for the economic, agricultural, and environmental needs of the community. A large percentage of the beneficiaries of the program (to be determined in consultation with partners and sub-contractors) will be women. The monitoring activities are designed to allow verification of this involvement. The training in disaster mitigation and preparedness targets a minimum of 30% female participants.

Through this program, PADF anticipates producing the following results:

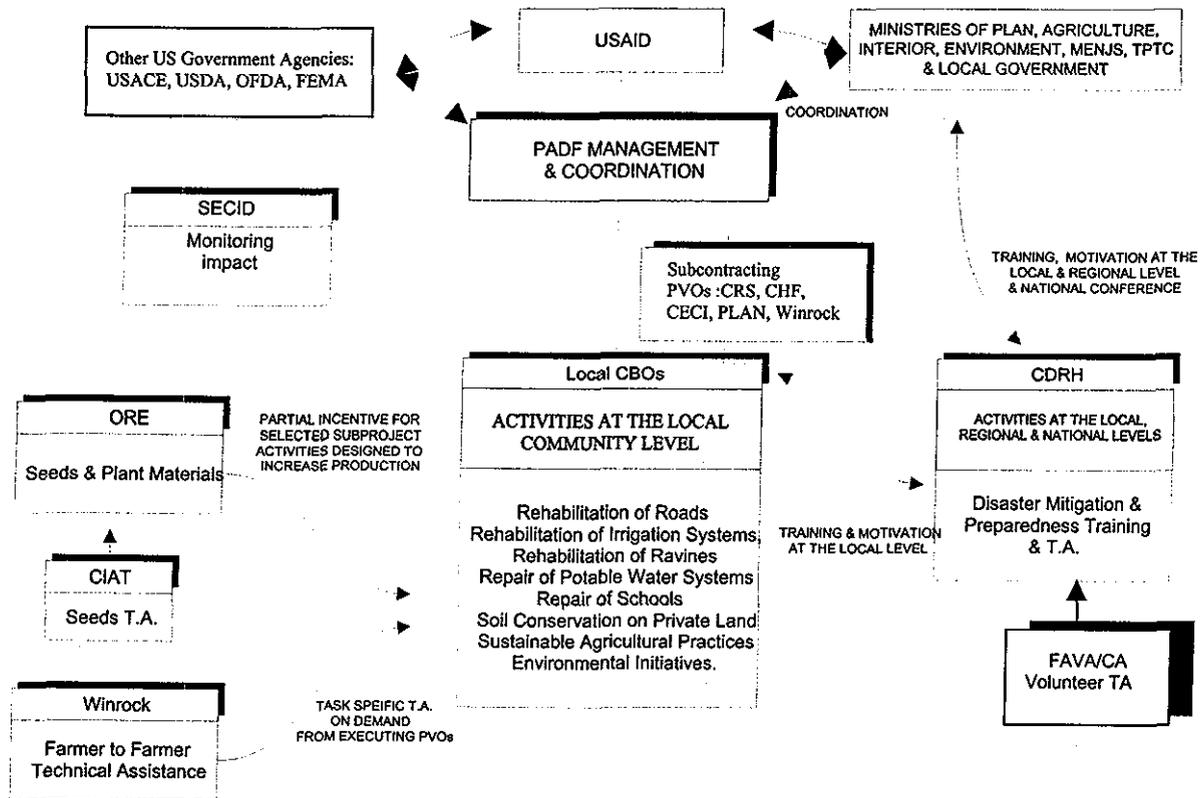
- Production of 715 tons of improved commercial seeds and stockpiling of an additional 25 tons of basic seeds.
- 15,000 families using the improved seeds.
- 24 schools repaired or strengthened for use as emergency shelters.
- 12 kilometers of road rehabilitated.
- 1700 hectares of land under rehabilitated irrigation systems.
- 27 kilometers of pipes in restored potable water systems.
- 80 kilometers of ravine protected.
- 900 hectares of land under improved soil and water conservation practices.
- 2440 people directly trained in disaster preparedness and mitigation.
- 20 communities with functioning disaster preparedness and mitigation committees and plans in place.

The integration of physical interventions was facilitated by the development of local institutions that recognize the interaction of land use practices and the reconstruction and maintenance of infrastructure in influencing the vulnerability of communities to disaster. Disaster mitigation and preparedness may be more effectively achieved through timely and coordinated community efforts to eliminate hazards than through the application of reaction and coping strategies after a disaster has occurred.

A community self-help approach is the best means of promoting long-term community involvement in project interventions and their subsequent maintenance. An innovative methodology package responds to this issue by providing voluntary labor for certain interventions and a mix of voluntary labor, community development incentives, and paid labor for those interventions for which unlimited voluntary labor is not available. This strategy also allows the program to address issues of acute poverty in targeted zones.

Criteria for monitoring and reporting-related indicators have been developed as an integral component of project management. PADF oversees the data collection and ensures its inclusion in a comprehensive project Management Information System (MIS).

The following flow chart shows the relationship among the major program activities.



II. General Situation in Haiti

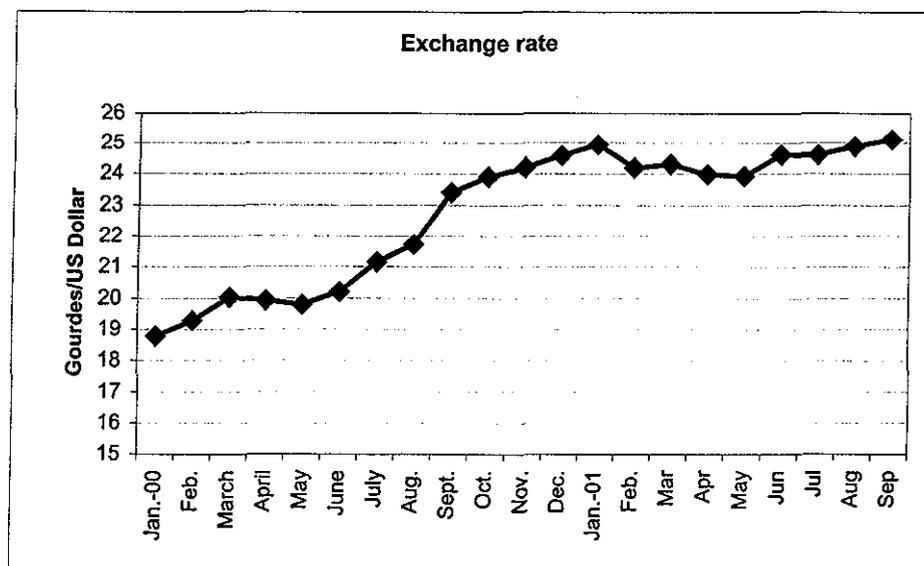
A. Hurricanes

The hurricane season has been very quiet this year. As of the end of September, there had been eight named storms including four hurricanes, but the storms were only hurricanes when they were far off in the Atlantic. Therefore with the exception of the extensive flooding caused by Allison, there has been minimal damage so far this season.

# Name	Dates	Wind (knots)	Pressure (millibars)	Category
1 Tropical Storm ALLISON	05-06 JUN	50	1002	-
2 Tropical Depression TWO	12-12 JUL	25	1011	-
3 Tropical Storm BARRY	02-06 AUG	60	990	-
4 Tropical Storm CHANTAL	15-22 AUG	60	994	-
5 Tropical Storm DEAN	22-28 AUG	60	992	-
6 Hurricane ERIN	01-15 SEP	105	969	3
7 Hurricane FELIX	07-19 SEP	100	965	3
8 Hurricane GABRIELLE	11-19 SEP	70	975	1
9 Tropical Depression NINE	19-20 SEP	30	1005	-
10 Hurricane HUMBERTO	21-26 SEP	90	970	2

B. Economic Situation

During this quarter, the value of the gourde began to decline again with the average exchange rates reaching up to a project high of 25.1 at the end of September. The gourde exchange rates over the life of the project are shown in the graph below.



III. Administrative Activities

A. Administrative Training

No training was conducted this quarter.

B. Contracting

To date, PADF has signed 24 contracts, all of which have been completed. The following table lists all of the contracts along with the current contract value including all amendments. (Note that in some cases the contracts were amended to divide the value into both dollar and gourde components.)

	Organization	Date Signed	Amount	Description
1	CIAT	January 1, '00	\$400,000	Technical assistance to ORE to develop improved germplasm
2	ORE	January 13	\$385,169	Sale and distribution of improved corn, bean and sorghum seeds
3	Winrock International	January 13	G 18,301,565 \$200,025	Provision of 15 volunteer consultancies from US farmers
4	IPDG	February 17	G 2,608,797	Rehabilitation of the irrigation system at Cajoun
5	CODHA	February 17	G 4,735,390	Soil conservation at Cajoun-Charette
6	MOPDA	March 26	G 3,044,738	Rehabilitation of the irrigation system at Anse-a-Pitre
7	CDRH	March 8	\$156,927 G 7,150,408	<ul style="list-style-type: none"> • Training in disaster preparedness and mitigation; • Training in infrastructure maintenance • Community mobilization
8	FAVA/CA	April 6	\$48,000	Provision of eight volunteer consultancies in disaster preparedness and mitigation.
9	CRS	April 6	\$767,104	<ul style="list-style-type: none"> • Soil conservation at Palmist-a-Vin • Soil conservation at Musac • Soil conservation at Matwala • Irrigation rehabilitation at Cavaillon • Potable water system repairs in SE
10	CHF	May 4	\$119,914 G 7,521,345	Repairs to 22 schools, 20 km of potable water systems and a shelter study
11	TADI	May 16	G 3,101,847	Rehabilitation of the Despuzeau irrigation system
12	ATRADEM	May 17	G 3,579,055.60	Rehabilitation of the road from Thomazeau to the Carrefour Beaugé
13	Plan International	May 22	\$339,508	<ul style="list-style-type: none"> • Soil conservation at Lafond • Potable water at Lafond • River Bank protection for Les Orangers
14	CECI	May 26	\$443,662	Repairs to 3 irrigation systems
15	NACOSE	July 27	G 5,227,763.40	Rehabilitation of the road from Thomazeau to the Carrefour Beaugé
16	WINROCK INTERNATIONAL	August 30	G 1,060,844.10	Rehabilitation of two Belle Fontaine Schools
17	CARITAS	October 11	G 1,716,845.76	Soil conservation in Bel Air

	Organization	Date Signed	Amount	Description
18	GRASE	October 18	G 1,500,029.55	Soil conservation in Nan Plezi
19	CRS	December 11	\$ 27,572	Replace emergency supplies used during Cap Haitian Flooding
20	ESC	December 22	G 1,640,990	Watershed study for the Jacmel Rivers
21	G&P Engineering	April 5	G 6,533,200	Rehabilitation of the Cap Rouge Road
22	Hydrotech	June 12	G 920,000	Irrigation system maintenance training
23	AJKD	June 12	G 437,500	Soil and water conservation maintenance training
24	Suze Gesse	June 12	G 125,028.75	Road maintenance training

C. Concurrent Audit

In early September, the auditing firm, Merové-Pierre, completed the draft audit report for the period October 2000 through March 2001. PADF is currently reviewing the report and writing its response. No significant problems were found.

IV. Field Activities

PADF and its partners completed the last seven subprojects of the HGRP, produced 99% of the seeds and fielded a total of seven volunteers. With this quarter's activities, all fieldwork was completed. During the final two months of project implementation in the next quarter, PADF will focus on completing the technical and financial reports.

The table on the following page and the detailed Gantt chart in Annex 2 show the current list of subprojects and the lifecycle for each one. The map on the page following the table and Gantt chart shows the approximate extent of the different subprojects.

A. Intermediate Results #2: Capacity for Agricultural Production Improved

1. ORE-Improved Seeds Program

ORE completed its work at the end of August. They produced an additional 189 tons of seeds and brought their total production to 707 tons of commercial seeds—99% of their program target. ORE made up for the shortfall in bean and sorghum production with a surplus in corn production. The climate was favorable neither to seed production nor to agriculture in general. Rainfall this quarter was only 103 mm.

Production of Commercial Seeds

Crop	Variety	This quarter	Cumulative	Target	Percent
Corn	Chicken Corn	177	451	500	105%
	La Maquina 7827	11	76		
	Total	187	527		
Bean	Lore 87	0	68	140	82%
	Arroyo Loro Negro	0	37		
	Tamazulapa	0	10		
	Total	0	115		
Sorghum	Dodo97	1	66	75	88%
Total Seeds		188	708	715	99%

Note that the ten tons of Arroyo Loro Negro were purchased directly by PADF from Agrotechnique to fill a shortfall in ORE's bean production.

As per their contract, ORE has a stock of 25 tons of basic seeds at the end of their program. The seeds are divided as follows:

Production of Basic Seed

Crop	In Stock
Corn	13.5
Bean	10.4
Sorghum	1.2
Total Seed	25

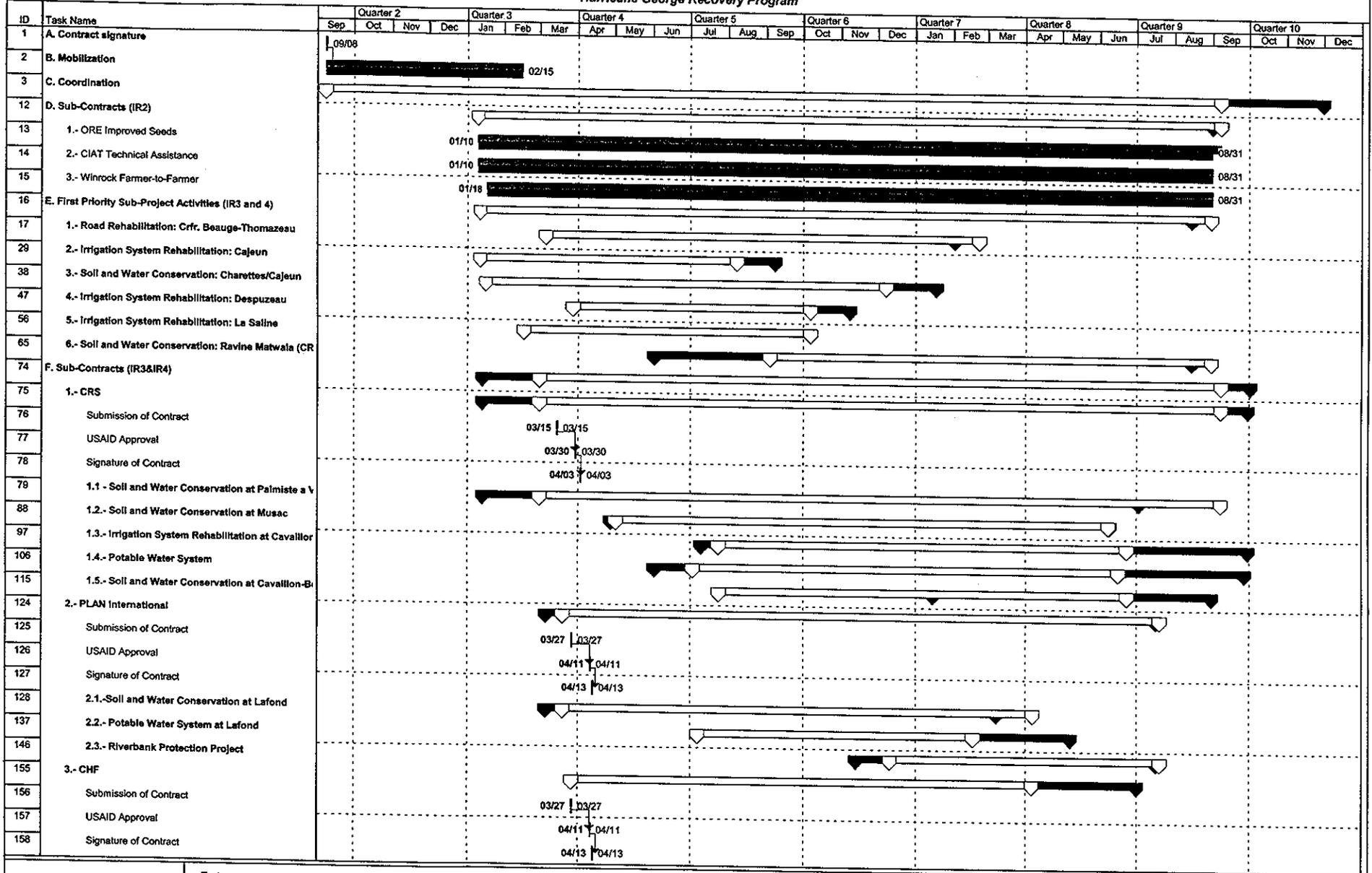
PROGRAMME DE REHABILITATION DES INFRASTRUCTURES ENDOMMAGEES PAR LE PASSAGE DU CYCLONE GEORGES

#	MDOD	OCB	Description	Résultats		Date de Signature de Contrat	Date d'achèvement prévue	Date d'achèvement effective	Comités de Protection Civile (KPSL)					
									Zones d'intervention	# Localités	Section Communales	Commune	Dépt.	
1	ORE		Production de semences améliorées	715	tonnes	10-Jan-00	31-Aug-01	31-Aug-01						
2	CIAT		Assistance technique à ORE			10-Jan-00	31-Aug-01	31-Aug-01						
3	Winrock		Assistance technique de fermier à fermier	15	consul.	13-Jan-00	31-Aug-01	31-Aug-01						
4	CDRH		Formation en préparation pré-désastre	20	comm.	08-Mar-00	31-Aug-01	31-Aug-01						
5	FAVA/CA		Assistance technique à CDRH	8	consul.	06-Apr-00	22-Jun-01	30-Sep-01						
6	PADF	IPDG	Irrigation à Cajoun	50	ha	17-Feb-00	30-Aug-00	30-Aug-00	Cajoun	12	2ème Gaillard	Cayes-Jacmel	Sud-Est	
7	PADF	CODHA	Conservation du sol et de l'eau à Charettes/Cajoun	250	ha	17-Feb-00	30-Nov-00	22-Dec-00	Charettes	11	2ème Gaillard	Cayes-Jacmel	Sud-Est	
8	PADF	MODPA	Irrigation à La Saline (Anse-à-Pitres)	350	ha	21-Mar-00	22-Sep-00	30-Sep-00	Anse-a-Pitres	4	1ère Anse-a-Pitres	Anse-a-Pitres	Sud-Est	
9	CRS	AGPP	Conservation du sol et de l'eau à Palmiste à Vin	108	ha	06-Apr-00	28-Apr-01	30-Jun-01	Palmiste-a-vin	9	1ème Palmiste-a-vin	Leogane	Ouest	
10	PADF	ATRADEM	Route Carrefour Beaugé-Thomazeau	11.7	km	17-May-00	31-Jan-01	31-Jan-01	Merceron	16	2ème Grande Plaine	Thomazeau	Ouest	
11	PADF	TADI	Irrigation à Despuzeau	1075	ha	17-May-00	31-Oct-00	31-Oct-00	Beauge	9	1ère Galet Chambon	Ganthier	Ouest	
12	Plan	KADEL	Conservation du sol et de l'eau à Lafond	230	ha	22-May-00	28-Feb-01	31-May-01	Lafond	12	1ère Bas Cap Rouge	Jacmel	Sud-Est	
13	CECI	Sauvons Un Pays	Irrigation à Lavaneau-Desmarathe-Blaise-Munitie	450	ha	26-May-00	28-Feb-01	15-Jun-01	Lavanneau	12	12ème Lavanneau	Jacmel	Sud-Est	
14	Winrock	WII/FGPB	Écoles à Belle Fontaine	2	u	26-Jun-00	09-Jul-01	31-Jul-01						
15	CRS	COREM	Conservation du sol et de l'eau à Bahot-Musac	80	ha	14-Jul-00	31-May-01	31-May-01	Musac	8	La Vallée de Jacmel	Jacmel	Sud-Est	
16	CHF		Écoles I	7	u	14-Jul-00	29-Sep-00	30-Sep-00						
17	CRS	AASCOB	Conservation du sol et de l'eau à Ravine Matwala	175	ha	20-Jul-00	12-Jul-01	31-Jul-01	Bodarie	10	Quartier	Grand Gosier	Sud-Est	
18	Plan	KOMELAK	Eau Potable à Lafond	5	km	10-Aug-00	28-Feb-01	31-May-01	Lafond		5ème Mabial	Jacmel	Sud Est	
19	CRS	CARITAS	Irrigation à Cavillon, Bercy & Clonard	674	ha	28-Aug-00	31-Jul-01	29-Sep-01	Bercy, Dory	21	2ème Martineau	Cavillon	Sud	
20	PADF	GRASE	Conservation du sol et de l'eau à Nan Plézi	350	ha	25-Sep-00	16-Jun-01	15-Jun-01	Mapou	14	1ère Bodarie	Grand Gosier	Sud-Est	
21	PADF	CARITAS	Conservation de sol et de l'eau à Kakont	400	ha	25-Sep-00	30-Jun-01	15-Jun-01	Bel-Air	10	5ème Bel-Air	Belle Anse	Sud-Est	
22	CHF		Écoles II	8	u	27-Sep-00	31-Dec-00	28-Dec-00						
23	CECI	FEUCAJ	Irrigation-Ka David	375	ha	02-Oct-00	30-Mar-01	15-Jun-01	Ka David/Mahothi	11	1ère Normande	Cayes-Jacmel	Sud-Est	
24	CHF		Reconstruction de l'école de Bois d'Orme	1	u	19-Oct-00	05-Jun-01	30-Jun-01	Bois d'Orme	16	2ème Bois d'Orme	Anse-a-Pitres	Sud-Est	
25	CHF	MACARY	Systèmes d'eau potable de Macary-Moril	5.3	km	25-Oct-00	28-Feb-01	31-May-01	Macary	8	3ème Marigot	Marigot	Sud-Est	
26	CHF	UJM	Systèmes d'eau potable de Mahotiére	5.2	km	25-Oct-00	15-Mar-01	31-May-01	Mahotiére		2ème Gaillard	Cayes Jacmel	Sud Est	
27	CHF	FPGD	Système d'eau potable de Charette	4.5	km	08-Nov-00	28-Mar-01	31-May-01	Charette		2ème Gaillard	Cayes Jacmel	Sud-Est	
28	CECI	ATASE	Irrigation à Civadler-Meyer-Orangers	216	ha	10-Dec-00	20-May-01	31-May-01	Cyvadler-Meyer	11	1ère Bas Cap Rouge	Jacmel	Sud-Est	
29	CHF	ART-LIM	Systèmes d'eau potable de Artigue et Limè	7	km	13-Dec-00	15-May-01	30-Jun-01						
30	CHF		Écoles III	5	u	05-Jan-01	04-May-01	20-May-01						
31	CRS		Conservation du sol et de l'eau à Cavillon-Bercy	130	ha	10-Feb-01	15-Aug-01	31-Jul-01						
32	CRS	CARITAS	Eau potable, Bodarie, Mare Mirande, Mapou	5	km	05-Mar-01	15-Aug-01	29-Sep-01	Mapou		2ème Po de Chambre	Thiotte	Sud-Est	
33	PADF		Réhabilitation de la route de Cap Rouge	10.5	km	02-Apr-01	05-Sep-01	29-Sep-01	Cap Rouge		1ère Haut Cap Rouge	Jacmel	Sud-Est	
34	PADF		Citigroup Schools	2	u	23-Jun-01	30-Sep-01	10-Sep-01						

Activités	Achévé	En Cours	Sur Etude	Total	But	% Achevé	% total
Conservation du Sol	1,723		0	1,723	900	191%	191%
Route	22.2		0	22	12	185%	185%
Irrigation	3,190		0	3,190	1,700	188%	188%
Eau Potable	32		0	32	27	119%	119%
Ecoles	25		0	25	24	104%	104%

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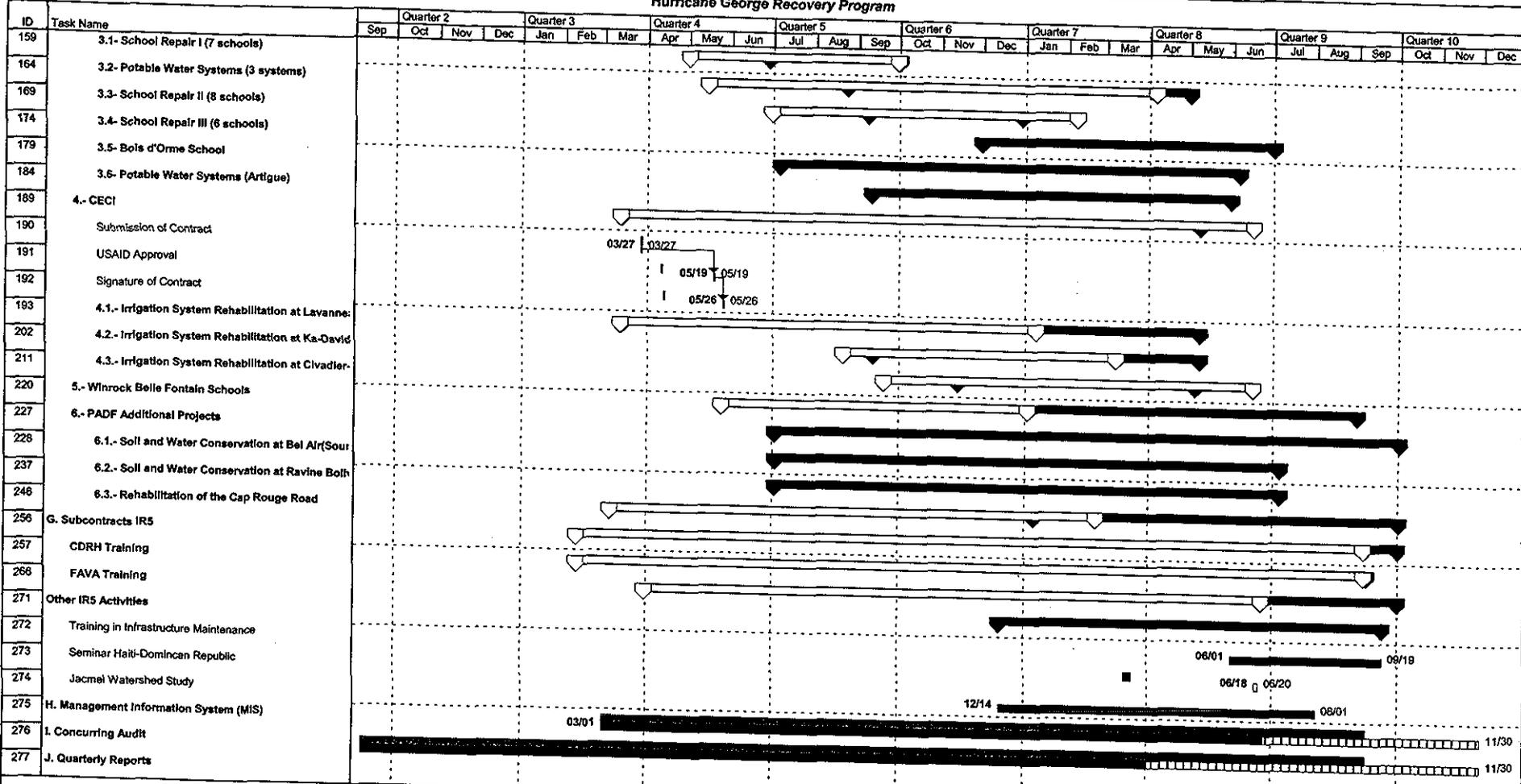
Hurricane George Recovery Program



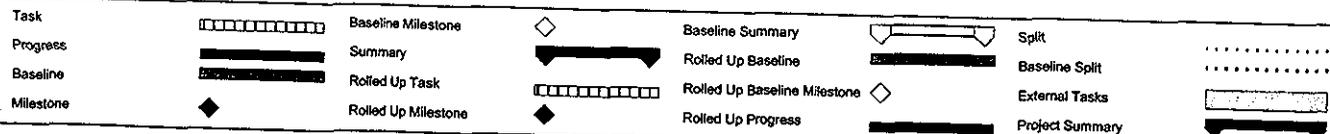
Project: HGRP
Date: Thu 10/18/01

Task	Progress	Baseline	Milestone	Baseline Milestone Summary Rolled Up Task Rolled Up Milestone	Baseline Summary Rolled Up Baseline Rolled Up Baseline Milestone Rolled Up Progress	Split Baseline Split External Tasks Project Summary
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Hurricane George Recovery Program



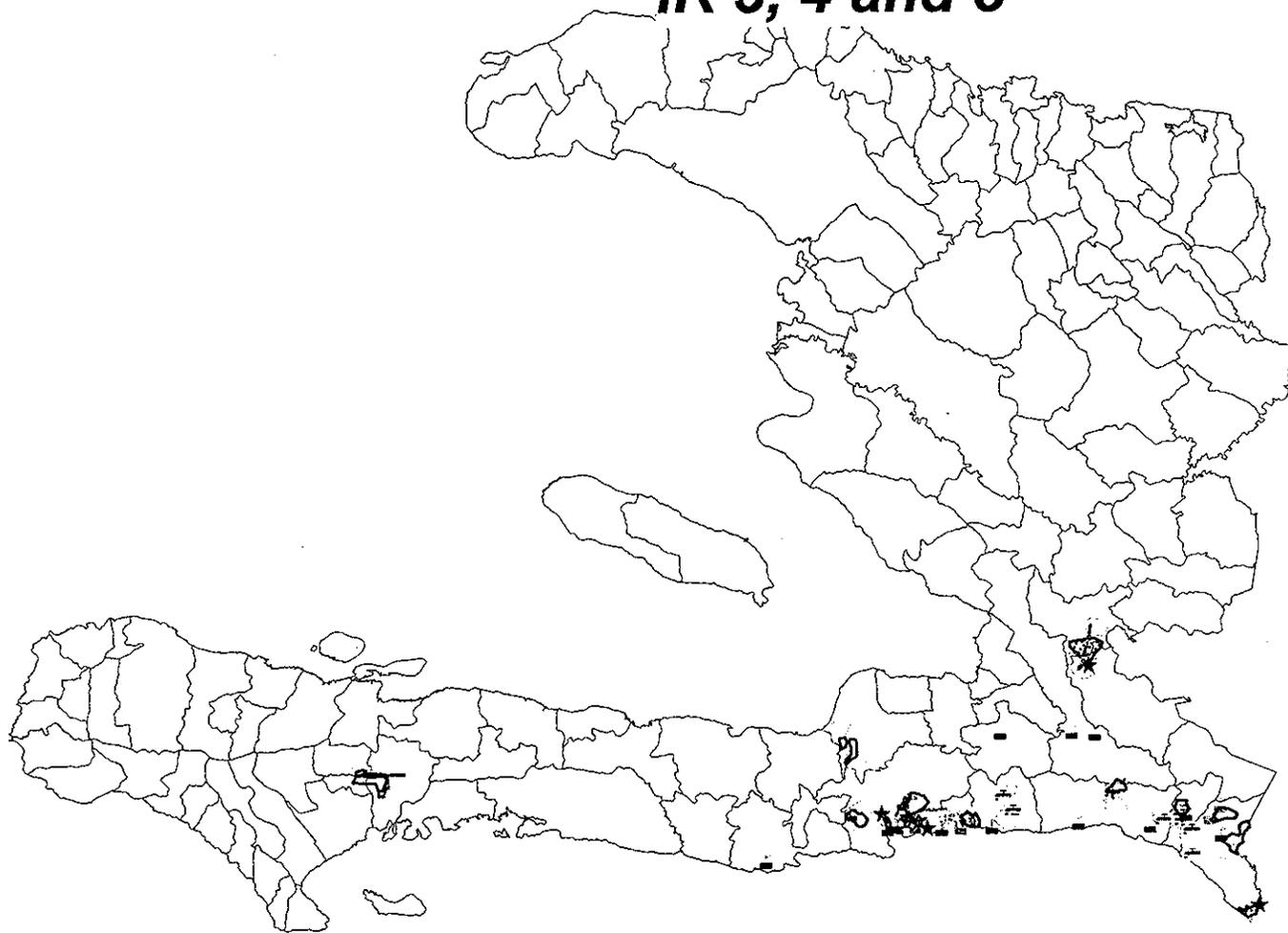
Project: HGRP
Date: Thu 10/18/01



10

Hurricane Georges Recovery Program

IR 3, 4 and 5



Schools

■ School

Local Civil Protection Committees

— Region

Roads

— Start/end point

— Road

Potable Water Projects

⊕ Fountain

— Line

Irrigation Systems

★ Source

▨ Region

Soil Conservation Projects

□ Region

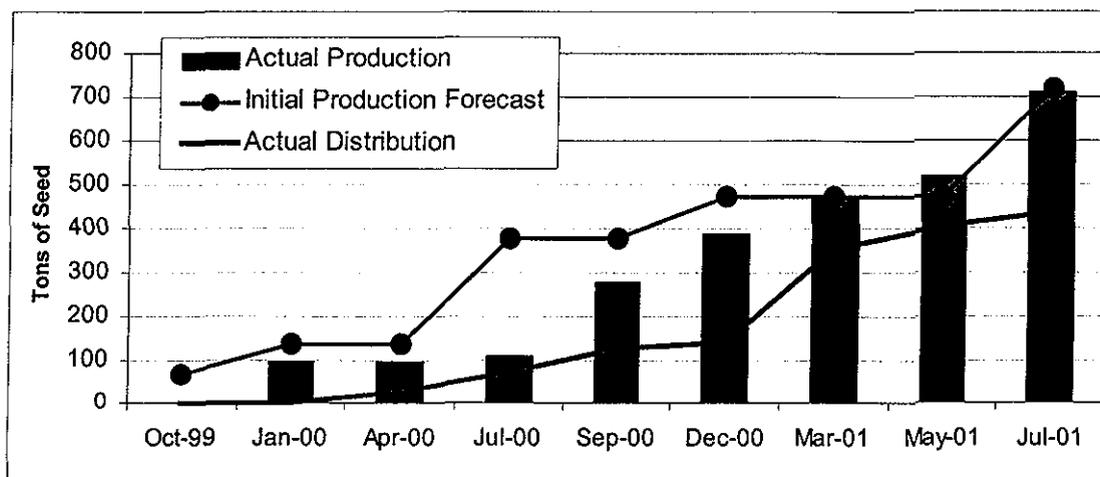
This quarter ORE and PADF worked together to distribute seeds to the HGRP partners and throughout the South and Southeast departments. A total of 31 tons of seeds were distributed this quarter, bringing the project total to 436 tons as shown in the following table and graph:

Distribution of Commercial Seed

Crop	Variety	This Quarter	Cumulative	Total Required	Percent
Corn	Chicken Corn	5	263	500	60%
	La Maquina 7827	3	37		
	Total	8	300		
Bean	Lore 87	9	53	140	71%
	Arroyo Loro Negro	-	10		
	Tamazulapa	9	36		
	Total	19	99		
Sorghum	Dodo 97	4	37	75	49%
	Total	4	37		
Total Seed		31	436	715	61%

Cumulative total of seeds that ORE has produced and distributed through June

USAID has approved ORE's request to continue selling the remaining 272 tons of seeds. Most of these seeds will be sold in February 2002 and the revenues generated will allow ORE to continue working on seed production.



As explained last quarter, ORE has not been able to track the number of farmers that have purchased the seeds. Therefore to estimate the number of farmers using the seeds, ORE uses the amount of seeds required per hectare along with the assumption that each family has 0.75 hectares of land available for planting to determine the number of farmers using the seeds. This calculation underestimates the number of farmers in that it assumes that 100% of the land is used for improved seeds. There is also no means to take into consideration farmers making repeat purchases. The following table shows this calculation:

Crop	Tons of seed distributed to date	Hectares planted from one ton of seed	Estimated households at 0.75 ha/family
Corn	300	50	20,009
Beans	99	125	16,455
Sorghum	37	100	4,913
Total	436		41,378

During this quarter, the agro-economist hired by ORE, Gary Paul, submitted a draft evaluation of the impact of the improved seeds in the different areas where they are used. The main conclusions of the draft report were:

- Farmers were most impressed with the bean seeds which had consistently a 30% increase in production over traditional seeds.
- Farmers were less satisfied with the corn and sorghum. Some of the sorghum suffered from poor handling and did not produce well whereas the corn performed satisfactorily, but not exceptionally well. The only area where the corn did well was Camp-Perrin and Dory
- The main constraint to a wider adoption of the improved seeds is lack of knowledge—a better marketing program is needed. The second constraint is cash. Many farmers were not able to front the cash required to purchase the seeds.

Unfortunately the draft report had a series of glaring errors and was unfit for distribution. Mr. Paul has promised to submit the final version in mid-October.

2. CIAT-Technical Assistance to Improve Germplasm

During this quarter, CIAT activities were focused on the production of basic seed for the varieties that have been selected. As per its contract, CIAT has to make certain quantities of basic seed available at the end of the contract. USAID gave its agreement that the seed would be transferred to HAP, which will continue research in the domain. Only three trials of bean have been conducted in Meyer, with the participation of FLORESTA-Haiti, an NGO based in the Southeast.

CIAT has produced the following quantities of foundation seed:

Culture	State of stock	Varieties	Quantities
Bean	Basic seed In Camp Perrin	BAT 304	250 kg
Bean	Certified seed In Camp Perrin	BAT 304	1,500 kg
Bean	Basic seed In transit	Tio Canela	350 kg
Cassava	Vitro plants Double harvest	CMC - 40	6000 plants
Cassava	Vitro plants Double harvest	19 varieties. Elites	460 plants
Forage	Certified seed At PADF	17 best	339 kg

As a result of the trials in Camp Perrin, one variety and three hybrids of corn have been selected and 100 kg of seed are under preparation in Colombia that will be delivered to HAP in Haiti by the end of October 2001.

3. Winrock International: Farmer-to-Farmer Program

As reported last quarter, Winrock's agreement was amended to realign their budget and allow them to bring in an additional five volunteers. These volunteers came this quarter, thus completing Winrock's Farmer-to-Farmer Program. Following is the complete list of volunteers fielded:

The current status of the placements is shown in the following table:

#	SOW	Name	Description	Location of Work	CBO Sponsor	Start	End	No. Days
Previously								
1	HAI001	Arden Colehour	Integrated Farming	Despuzeau	Groupement Paysan de Cotin Despuzeau, Ganthier	06/05/00	06/19/00	14
2	HAI002	Mark Stopha	Aquaculture	Cap Rouge Palmist-a-Vin	IDPG	10/14/00	10/30/00	16
3	HAI005	John Fitzgerald	Garlic Expert	Despuzeau Cayes-Jacmel	Groupement de Paysan de Cotin CODHA	09/16/00	09/30/00	14
4	HAI008	Greg Fonsah	Banana Production	Cap Rouge Palmist-a-Vin	IDPG, CODHA	10/09/00	10/23/00	14
5	HAI009	Norm Bezona	Coffee production	Cap Rouge	IDPG, CODHA	03/06/01	03/21/01	15
6	HAI010	Doyle Burch	Irrigation	Camp Perrin	ORE	04/22/01	05/05/01	13
7	HAI011	Ann Harmen	Beekeeping	Roseaux and Gommiers	Société de Développement des Gommiers (SODECOM), Jérémie, Grande-Anse	04/16/01	04/28/01	12
8	HAI012	David Willett	Cooperative Development	Beaumont	Cooperative Agricole pour le Développement de Fond Déron, KADEFB, Grande-Anse	03/07/01	03/21/01	14
9	HAI007	Gary Pelter	Vegetable Crop	Palmist-a-Vin Cajean	AGPG	05/10/01	05/25/01	15
10	HAI003	Jim McNitt	Rabbit	Cajean	IDPG, CODHA	05/14/01	05/26/01	12
11	HAI015	Fred Billerbeck	Fruit Processing	Camp Perrin	ORE	05/20/01	06/03/01	14
12	HAI013	Howard Hirae	Banana	Camp Perrin	ORE	06/13/01	06/27/01	14
13	HAI006	Adaire Morse	Marketing & Accounting	Musac	COREM	06/10/01	06/23/01	13
14,15	HAI004	Bruce/Donya	Goat Breeding	Cayes-Jacmel	CODHA	06/10/01	06/24/01	28
16	HAI017	Bill Daniels	Aquaculture	Palmist-a-Vin	AGPG	06/30/01	07/17/01	17
							Subtotal	225
This Quarter								
17	HAI016	Frank Babiak	Coffee	Cap Rouge and Baumont	FACN	06/30/01	07/07/01	7
18	HAI014	Michael Kessler	Corn Grit Production	Camp Perrin	ORE	07/16/01	08/02/01	17
19	HAI018	John Fitzgeralds	Garlic and Vegetable Production	Despuzeau Cayes-Jacmel	Groupement de Paysan de Cotin, CODHA	07/22/01	08/05/01	14
20	HAI019	Michelle Fitzgeralds	Grant Writing	Port-au-Prince	Organisation Internationale de Femmes Indépendantes d'Haiti	07/22/01	08/05/01	14

#	SOW	Name	Description	Location of Work	CBO Sponsor	Start	End	No. Days
							Subtotal	52
							Total	277

At the end of the quarter, Winrock sent one of their home office staff to Haiti to conduct follow-up surveys. The staff person visited 10 of the 16 host agencies and developed the four impact stories presented in Winrock International's final report. This report and the impacts will be addressed in the HGRP final report.

B. Priority Subprojects (IR 3 and 4: Infrastructure and Environmental Projects)

The only priority subproject that was not completed during previous quarters was the Soil and Water Conservation in Matwala supervised by CRS. This subproject was completed at the end of July. Description of the progress on this subproject is with the other CRS subprojects.

C. Other IR 3 and 4 Sub-Projects (Infrastructure and Environmental Sub-Projects)

1. Catholic Relief Service (CRS)

This quarter, CRS completed the remaining four subprojects. The work took longer than planned and PADF extended their agreement to allow CRS to continue to spend their counterpart funds through the end of the quarter. By that time, CRS was able to complete all activities.

a) Irrigation System Rehabilitation at Cavaillon, Bercy and Clonard

Caritas-South, the CBO in charge of the subproject, started implementing in October 2000. The initial budget for this project was Gdes 3,794,787. By the beginning of May, they had completed all work on this project. However given the importance of this work and the large need for additional work, CRS allocated some of the funds that they had as surplus from the devaluation of the gourde to extend work on this site. All of the work has been completed with the exception of the installation of the main gate. The missing part for the gate is on order and should arrive soon. The work carried out is as follows:

Activities	Unit	Planned Quantity	Previous	Current Quarter	Quarter Cumulated	%
Catchment rehabilitation	U	1	1		1	100%
Canal cleaning	m	20,000	20,000	0	20,000	100%
River bank cleaning	m	19,000	19,000	0	19,000	100%
Masonry lining of canal	m ³	1505	853	557	1410	94%
Basin rehabilitation	U	50	25	25	50	100%
Crossing bridges	U	14	0	14	14	100%
Canal rehabilitation	m	700	932	0	932	133%
Installation of gates	U	89	30	36	66	74%

Note: The users' committees trained revised the original schedule of gates to better reflect how the gates are to be used.

b) Soil and Water Conservation at Dory

This subproject is designed to protect the irrigation system that is being rehabilitated. CRS began mobilizing on 19 February and finished in mid-August. The goal of the project is to protect 130 hectares of land above the irrigation system. CRS funded additional work on this site out of their counterpart funds. The subproject included the following work:

Activities	Unit	Planned Quantity	Previous	Current Quarter	Cumulated	%
Gully plug	m ³	4320	5,876	0	5,876	136%
Dry Wall	m	9144	6,796	2,464	9,260	101%
Living Wall	m	268,800	121,230	132,100	253,330	94%
Plant Production	U	56,440	38,000	18,400	56,440	100%

c) Potable Water System Rehabilitation (Mare-Mirande, Mapou and Bodarie)

This subproject involves repairing a variety of potable water systems in the Mapou area. The completed subproject included the following activities:

Activities

- Repair of two catchments at Bodarie
- Repair of three public fountains at Bodarie, Zorange and Marjoffre
- Construction of a clothes washing area to protect the spring
- Rehabilitation of the 12 m³ cistern at Fond Bolivar
- Repairs to the 3500 m piping system
- Construction of two 100 m³ cisterns at Mapou and three in Mare Mirande.

All work was completed by late September.

d) Soil and Water Conservation at Matwala

This subproject was implemented by CRS, with the participation of the CBO, AASCOB. Implementation started at the beginning of October 2000. CRS requested and obtained PADF approval for an amendment, pushing back the completion date to the end of July. Its initial estimated cost was Gdes 2,692,570. CRS has not yet submitted information on the work done at this site.

2. Cooperative Housing Foundation (CHF)

CHF has completed the work on all of the schools, with the exception of some minor corrections, and on the potable water systems. They are currently finalizing their report on shelters within the HGRP area.

a) School Repair

This quarter CHF completed the last of the minor repairs to the schools and PADF accepted all of the work.

b) Shelter Study

As part of the amendment signed with CHF in early May, CHF undertook a study of all potential shelters in the 21 CDRH civil protection training areas and in the ten communal capitals in the Southeast Department. The purpose of this study was to determine what, if any, buildings in these areas could serve as shelters. Once the potential shelters were identified, CHF was to determine how many people the building could shelter as well as to document the extent of water storage, latrine and cooking facilities. PADF accepted the final version of this report at the end of the quarter.

3. Centre Canadien d'Etude et de Coopération Internationale (CECI)

CECI completed all of their work in the previous quarter.

4. Plan International

Plan International completed all of their activities in the previous quarter.

5. Winrock International

Winrock completed work on both of their schools before the end of August.

6. Pan American Development Foundation

a) Cap Rouge Road

In close collaboration with the Ministry of TPTC and USAID, PADF/HGRP selected a segment of the Jacmel – Cap Rouge road (Manze Marie – Cap Rouge) to rehabilitate using the surplus funds generated by the fall in the value of the gourde during the project. The Cap Rouge area is agriculturally wealthy, producing a good deal of coffee, including the USAID-supported Haitian Blue, as well as other products marketed through the USAID-funded Hillside Agriculture Program. However, the access road is in such bad shape that transporting crops is difficult and entire harvests have been left to rot for lack of transport.

PADH/HGRP intervened on 10.5 of the 16 kilometers total road length, while the Ministry of TPTC committed itself to seek funds to rehabilitate the first 5.5 kilometers of the Jacmel – Manze Marie road.

G&P Ingénierie, won the competitive bid and signed a contract on 5 April 2001. They completed the design on 15 May, were fully mobilized by 23 May, and completed the work by September 25th. The work accomplished is as follows:

Activities	Unit	Planned	Previous	Current Quarter	Cumulated	%
Quantity						
Layout	m	10550	10,550	0	10,550	100%
Purge	m ³	100	0	100	100	100%
Scarifying	m ²	66,950	33,108	33,842	66,950	100%
Digging of ditches	m ³	3,160	0	3,160	3,160	100%
Digging of Masonry ditches	m	304	0	28.40	275.6	92%
Excavation	m ³	3,835	2,407	1,488	3,895	100%
Base course	m ³	14,027	2,212	11,815	14,027	100%
Platform Grading	m ²	60,898	0	60,898	60,898	100%

Activities	Unit	Planned	Previous	Current Quarter	Cumulated	%
	Quantity					
Concrete road	m ³	315	11	305.13	316.13	100%
Cross drainage	m	208	26	146	175.25	84%
Outlet Drainage	m	120	0	41	41	34%
Weirs	m ³	175	12	46	58	33%

PADF reduced the required quantities in some line items to free up funding for some minor additional work. G&P should complete the additional work by the end of October.

b) Citigroup Schools

PADF has received a grant of \$25,000 from Citigroup to repair two schools. In consultation with the Ministry of Education and the Ministry of Plan, PADF identified the Lycée Celie Lamour in Jacmel and the École Nationale de Raymond in Cayes-Jacmel for repairs. The technical proposal was approved in May. Field work started in mid July and was completed by the end of September.

7. Sub-projects completed to date

PADF and its partners have completed 29 subprojects under the HGRP:

1. Irrigation system rehabilitation in Cajoun (PADF)
2. Irrigation system rehabilitation in Anse-a-Pitres (PADF)
3. Rehabilitation of the first lot of 7 schools: Dade (1), Marigot (2), Thiotte (1), Bony (1), Savane Zombi (1) and Cibao (1) (CHF).
4. Irrigation system rehabilitation at Despuzeau (PADF)
5. Soil and water conservation at Cajoun-Charettes (PADF)
6. Rehabilitation of the second lot of 8 schools: Belle Anse (2), Marigot (1), Thiotte (1), Bodarie (1), Jacmel (2) and Grigris (1) (CHF).
7. Carrefour Beauge – Thomazeau road rehabilitation (PADF)
8. Rehabilitation of the third lot of 6 schools: Charles Moravia (1), Meyer (1), Thiotte (2), Cabaret (1), Lafond (1) (CHF).
9. Rehabilitation of the Bois d'Orme school (CHF)
10. Irrigation system rehabilitation at Ka David (CECI)
11. Irrigation system rehabilitation at Lavanneau (CECI)
12. Irrigation system rehabilitation at Cyvadier, Meyer, Zorangers (CECI)
13. Soil and water conservation at Palmiste a Vin (CRS)
14. Soil and water conservation at Lafond (Plan)
15. Soil and water conservation at Musac (CRS)
16. Soil and water conservation at Nan Plezi (PADF)
17. Soil and water conservation at Kakont (PADF)

18. Potable water system rehabilitation at Lafond (Plan)
19. Potable water system rehabilitation at Charettes (CHF)
20. Potable water system rehabilitation at Mahotieres (CHF)
21. Potable water system rehabilitation at Macary Moril (CHF)
22. Potable water system rehabilitation at Latigue et Lime (CHF)
23. Irrigation Rehabilitation at Dory (CRS)
24. Soil and Water Conservation at Dory (CRS)
25. Soil and Water Conservation at Matwala (CRS)
26. Potable Water System Rehabilitation in Bodarie (CRS)
27. Belle Fontaine School Rehabilitation (Winrock International)
28. Rehabilitation of two schools financed by Citigroup (PADF)
29. Rehabilitation of the Cap Rouge Road (PADF)

D. Intermediate Result #5: Increased Local Capacity to Address Mitigation and Disaster Preparedness

1. CDRH

a) Local Civil Protection Committees

CDRH's contract ended at the end of July, but due to a number of problems, they had only completed four of the action plans. Under their own financing, they continued working on the remaining plans into early September. PADF then met with each KPSL to get them to approve their plan and to provide them with two copies. PADF then gave a copy of the action plan to the relevant mayor and the DPC. All 22 KPSL's approved their action plans and legal statutes.

List of the local civil protection committees

	Site	# "Localités"	Rural Section	Municipality	Dept.
1	Beauge	9	1ere Galet Chambon	Ganthier	Ouest
2	Merceron	16	2eme Grande Plaine	Thomazeau	Ouest
3	Source Sable	7	2eme Grande Plaine	Thomazeau	Ouest
4	Palmiste-a-vin	9	15eme Palmiste-a-vin	Leogane	Ouest
5	Fondwa	10	10eme Fondwa	Leogane	Ouest
6	Musac	8	La Vallee de Jacmel	Jacmel	Sud-Est
7	Lafond	12	1ere Bas Cap Rouge	Jacmel	Sud-Est
8	Zoranje	11	1ere Bas Cap Rouge	Jacmel	Sud-Est
9	Lavanneau	12	12eme Lavanneau	Jacmel	Sud-Est
10	Cyvadier/Meyer	11		Cayes-Jacmel	Sud-Est
11	Ka David	11	1ere Ravine Normande	Cayes-Jacmel	Sud-Est
12	Cajeun	12	2eme Gaillard	Cayes-Jacmel	Sud-Est
13	Charettes	11	2eme Gaillard	Cayes-Jacmel	Sud-Est
14	Macary	8	3eme Macary	Marigot	Sud-Est
15	Bel-Air	10	5eme Bel-Air	Belle Anse	Sud-Est
16	Mapou	14	1ère Bodarie	Grand Gosier	Sud-Est
17	Bodarie	10	Quartier	Grand Gosier	Sud-Est

	Site	# "Localités"	Rural Section	Municipality	Dept.
18	Bois d'Orne	16	2eme Bois d'Orne	Anse-a-Pitres	Sud-Est
19	Anse-a-Pitres	4	1ere Anse-a-Pitres	Anse-a-Pitres	Sud-Est
20	Bercy	10	2eme Martineau	Cavaillon	Sud
21	Dory	11	10eme Dory	Maniche	Sud
22	Marigot/Peredo			Marigot	Sud-Est

2. FAVA/CA

FAVA/CA fielded two volunteers this quarter to assist the Civil Protection Directorate in finalizing the National Response Plan.

The list of volunteers fielded to date is shown in the following table:

No.	Assignment	Name	Dates
1	Review the CDRH training program	Julie Collins	6/20-23 '00
2	Enhance emergency training at the grassroots level.	David Crisp	1/8-13 '01
3	Technical assistance for the civil protection action plan.	Irene Cabral	3/1-3/4 '01
4	Technical assistance for improving GIS for action plans	William Pollock	3/1-3/4 '01
5	Design of a disaster simulation	Julie Collins	4/24-4/29 '01
6	Technical assistance on the National Response Plan	Julie Collins	9/6-9/13 '01
7	Technical assistance on the National Response Plan	Marc Roger	9/21-9/29 '01

3. Other IR5 Activities

a) Media Campaign

Due to the strong demand for the material produced under the media campaign, PADF financed with counterpart funds an additional 50,000 copies of the pamphlet entitled *Prepare-W* and 100 copies of the CD that includes the *Organize-W* song and six radio spots. Nearly all of the pamphlets and CDs were distributed in the project area during the hurricane season.

E. Project Impact Jacmel

The Federal Emergency Management Agency contracted PADF to implement a community-based mitigation program for Jacmel. These activities are part of the Hurricane Georges efforts in Haiti although the funding comes directly from FEMA. The following activities were carried out this quarter:

1. Jacmel Action Plan

From July until the beginning of August, PADF and the National Civil Protection Directorate (DPC) created the municipal committees that will be the link between the local committees of civil protection formed under the Hurricane Georges Recovery Program and the departmental committee. Through these seminars, the Mayors were able to develop an emergency response plan and a structure for quick and effective response to a disaster. Ten municipal committees have been formed to serve the ten municipalities of the Southeast.

August 24th, Project Impact / Jacmel held a forum with the journalists accredited to the Southeast. The goal of that meeting was to educate the journalists in the basics of disaster management and above all to obtain their engagement as partners in public awareness and education. There were 24 participants in that training. As a direct result, Radio Express Continental, a Jacmel radio station, offered to provide the Project Impact Coordinator 45 minutes of broadcasting for the diffusion of messages dealing with civil protection.

September 5th, Gael Painson from Pinson S.A (Prevention Incendie Société Nationale S.A; *National Society for the Prevention of Fire, Inc.*) trained a group of 20 participants in the techniques of fire suppression.

September 10th and 11th, Steve Pratt, a FEMA consultant organized a CERT (Community Emergency Response Team) training for 21 participants in the techniques of search and rescue. The search and rescue training was the first in a series of three training seminars. During October, Project Impact will sponsor first aid and fire suppression seminars to complete the CERT training and bring the participants to the level of knowledge needed to effectively serve the community in a disaster.

USAID approved an eight-month program to continue the disaster preparedness and mitigation training activities started under Project Impact and the Hurricane Georges Recovery Program. This new program will allow PADF to create linkages between the local, municipal and departmental committees and to reinforce these newly-formed organizations.

2. Sub-Project Activities

Community partnerships, citizen understanding of mitigation concepts, and public awareness campaigns are all part of an ongoing program to reduce risk and to make the whole community more resistant to the impact of natural and manmade disasters.

a) River Bank Protection at Bassin Caiman

At the entrance to Jacmel, the Jacmel River swings briefly towards the Jacmel-Port-au-Prince road before turning away again. Currently two large trees protect the riverbank at this spot, but these trees are rapidly being undercut. The Committee has approved a project to construct gabion protection for the roadway and to plant trees in the area. Once completed, this mitigation project will reduce the risk of flooding and thereby protect lives and prevent damages. The Public Works Department is providing the equipment and the supervision. Project Impact is financing Gdes 890,076 (approximately \$37,000) of an estimated value of the project of Gdes 1,500,000 (approximately \$62,500).

This project is now 95% complete. The only remaining work is to install a top row of gabions. The last row of gabions had not originally been planned, but later studies have shown this area to be still at risk for flooding. This last row of gabions will therefore give an extra measure of protection for the project.

The following table indicates the work accomplished to date. The project is two-thirds complete and we anticipate it being completed by early August.

Description	Unit	Quantity required	Quantity realized	Percentage
Implantation and excavation	m	60	60	100 %
Demolition of damaged gabions	m ³	50	50	100 %

Description	Unit	Quantity required	Quantity realized	Percentage
Construction of gabions	m ³	450 ¹	420	93 %
Compaction of gravel	m ³	360	360	100 %
Production of rocks	m ³	420	420	100 %
Landscaping of a recreational space	m	50	50	100 %

In addition, a set of stairs was built to allow pedestrian travel through the gabions.

b) Protection of the Hydroelectric Dam at Gaillard

All work on this project was completed by August 31st. The project met or exceeded all of its goals as shown below:

Target	Realization
Protect 80 hectares (200 acres) of land	100 ha (250 acres)
Protect 7.7 km of ravine by building 736 gully plugs	816 gully plugs
Build 4.6 km of dry walls	6.77 km
Plant 30,000 trees	30,000 trees
Build 56 km of living walls	59.5 km
Plant 400 bamboo plants	400 plants

The project was estimated to cost Gdes 934,821 (\$40,000), of which Project Impact Jacmel was to finance Gdes 772,036 (\$32,000). The final cost to the project was Gdes 771,764.

As had been originally promised by Ed'H, the Canadian Agency for International Development (CIDA) just completed the gabion works for the protection of the hydroelectric complex from the cresting of the Gaillard river.

According to reports by "Federation de Gaillard" during a meeting in Cayes-Jacmel with the Coordinator of Project Impact, more than 50% of the plantings are thriving. Questioned about the follow up of the project by the organizations involved, the people in charge of the Federation responded that any lost plants will be replaced and the copse will be preserved.

c) Construction of a hanger for the Jacmel Fire Station

Following the bidding done last quarter for the work on the fire station, the Jacmel firm, Altesha, won the bid for the construction for approximately Gdes 2,000,000 (\$80,000). The contract was signed on July 13, 2001. Altesha immediately began preparing the structure. Unfortunately, due to a problem with the land concession, Altesha had to temporarily stop work. The Director of TPTC required, as a prerequisite, the construction of a wall to secure all goods under his control at the SEPRNN garage. After being certain that nothing will be left unaccounted for, the Director gave his approval to start work. Due to these delays, Altesha's contract has been extended until November 15th.

¹ Only 420 m³ were planned. The additional 30 m³ are to add the top row of gabions.

Additionally, PADF has begun working with Pinson, SA, a local company that specializes in fire protection, to develop an institutional strengthening program for the Jacmel fire department.

d) Disaster Awareness

During this quarter, PADF completed a draft version of a booklet on disaster preparedness for elementary schools. The booklet is in both French and Creole and covers the basic concepts of disaster management as well as details on hurricanes, flooding, and fires. During the next quarter, PADF will circulate the text for comments. Once finalized, PADF will make enough copies to distribute to all Jacmel school children.

For the public awareness campaign, PADF held a one-day seminar with journalists from across the Southeast to discuss disaster preparedness and to distribute the pamphlets and the compact disks. After the forum with the journalists, the P.I. Coordinator obtained from the Director of Radio Express Continental, M Jacques Jean-Pierre, 45 minutes of broadcasting for public education in civil protection. However, this campaign won't start without the engagement and participation of the Delegation. Additionally, on August 5th, the Project Impact Coordinator and Pastor, Dieucin Marcelin, from the executive committee of the Jacmel Civil Protection committee, conducted a radio emission on civil protection.

e) Simulation of Disaster

Previously scheduled for May 11 and 12, this activity has been postponed. As this expertise will be valuable to the COU (Centre d'Operation d'Urgence) in determining the steps to be taken in the event of a real disaster, it has been rescheduled for mid-November.

V. Management Information Systems

This quarter, the HGRP completed all fieldwork. The table below reflects the final achievements for the project. However the numbers below are only draft figures. PADF will review all of the subproject final reports to determine the final figures.

Indicator	Previously	This Quarter	Quarterly Target	Cumulative to Date	Project Target	% Achieved
IR2						
Tons of improved seeds distributed	405	31	167	436	715	61%
Tons of improved basic seeds in reserve	28	25	25	53	25	212%
Number of farmers using improved seeds	25,194	16,184	3674	41,378	15,000	276%
IR 3 & IR 4						
Kilometers of road rehabilitated	11.7	10.5	0	22	12	185%
Number of schools repaired	22	3	0	25	24	104%
Hectares returned to irrigation	2,516	674	0	3,190	1,700	188%
Kilometers of potable water pipes repaired	27	5	0	32	27	119%
Kilometers of irrigation canals repaired	215	20	0	235	150	156%
Kilometers of ravines protected	52	9	10	61	80	76%
Number of hectares of land under improved soil and water conservation practices	1,418	305	300	1,723	900	191%
IR5						
Number of communities with functioning disaster mitigation and preparedness committees	0	22	6	22	20	110%
Number of communities with functioning disaster mitigation and preparedness plans in place	4	18	6	22	20	110%
Number of people trained by CDRH	5,000	0	240	5,000	2,440	205%

Notes:

- The targets in the table are based on the April 2000 work plan updated in September to reflect revised targets from Amendment 2.
- The length of ravine treated is low in comparison to the areas protected by the soil conservation projects. This is due to the subprojects protecting a wider area around each ravine than originally planned.
- All figures are preliminary and will be revised based on subproject final reports.