



**REPORT TO THE  
20<sup>th</sup> STANDING COMMITTEE OF MINISTERS  
OF AGRICULTURE (SCMA)**

**for the period  
June 1996 to May, 1997**



12120000



**CARIBBEAN REGIONAL CENTRE**

**REPORT TO THE**

**20<sup>th</sup> STANDING COMMITTEE OF MINISTERS  
OF AGRICULTURE (SCMA)**

**for the period**

**June 1996 to May, 1997**

00008484

# TABLE OF CONTENTS

<b>LIST OF ACRONYMS</b>	ii
<b>1. INTRODUCTION</b>	1
<b>2. FRAMEWORK FOR ACHIEVEMENTS</b>	1
2.1 <i>Holistic Approach to Agricultural Development</i>	1
2.2 <i>Administrative/Organizational</i>	1
2.2.1 <i>Institutional Changes</i>	1
2.2.2 <i>Decentralization</i>	2
2.3 <i>Reviews and Reformulations</i>	2
2.4 <i>Integration of the New Members of the CRC</i>	3
2.5 <i>Strategic Alliances</i>	3
2.6 <i>Forging Linkages Between Latin America and the Caribbean</i>	6
2.7 <i>Support Services</i>	7
2.7.1 <i>Education</i>	7
2.7.2 <i>Informatics</i>	8
2.7.3 <i>Promotion and Communication</i>	8
2.8 <i>Caribbean Differentiated Strategy</i>	9
<b>3. AVAILABLE RESOURCES</b>	10
3.1 <i>Financial</i>	10
3.2 <i>Professional Human Resources</i>	12
<b>4. ACTIVITIES</b>	13
<b>5. HIGHLIGHTS OF THE 1997/1998 PROGRAMME</b>	21
Table 1      Allocation of Funds for Technical Cooperation Activities	11
Table 2      IICA Professional Staff as Allocated to Thematic Areas	12
Annex 1      List of Publications	22
Annex 2      List of Projects by Funding Source and Country	23
Annex 3      List of Professional Staff within the CRC	28

## *LIST OF ACRONYMS*

ADB	Agricultural Development Bank
ACS	Association of Caribbean States
ADCU	Agricultural Diversification Coordinating Unit
AGSYS	Technical Cost of Production Budget Generator
APHIS	Animal and Plant health Information Services
AIC	Agricultural Institute of Canada
AoC	Area of Concentration
ASTT	Agricultural Society of Trinidad and Tobago
BVI	British Virgin Islands
CABI	CAB International
CAE	Caprine Arthritis - Encephalitis
CAFRA	Caribbean Association for Feminist Research and Action
CAP	Caribbean Amblyomma Programme
CAPDAT	Caribbean Amblyomma Programme Database
CARAPHIN	Caribbean Animal and Plant Health Information Network
CARDI	Caribbean Agricultural Research and Development Institute
CAREC	Caribbean Epidemiology Centre
CARESDA	Caribbean Research and Development Association
CARICOM	Caribbean Community
CARIRI	Caribbean Industrial Research Institute
CATIE	Tropical Agricultural Research and Training Centre
CDB	Caribbean Development Bank
CDS	Caribbean Differentiated Strategy
CEPPI	Centre for Programs and Investment Projects
CFC	Caribbean Food Corporation
CGIAR	Consultative Group on International Agricultural Research
CHG	CARICOM Heads of Government
CIRAD/FLHOR	Centre de Coopération Internationale en Recherche Agronomique pour le Développement/Development of Tropical Fruits, Vegetables and Horticulture
CIRAD-EMVT	Research for Development/Tropical Livestock Production and Veterinary Medicine
CIM	Inter-American Commission for Women
C/LAA	Caribbean/Latin America Action
CNIRD	Caribbean Network for Integrated Rural Development

COMMUNIICA	Quarterly Newsletter Produced at IICA Headquarters
CORECA	Consejo Regional de Cooperacion Agricola
CPP	Caribbean Policy Project
CRC	Caribbean Regional Centre
CTV	Citrus Tristeza Virus
DEXIA	Dominica Export Import Agency
DIPRAT	Division of Planning, Programming, Projects and Technical Audit
DR	Dominican Republic
EAP	Escuela Agricola Panamericana
EAS	Economic Affairs Secretariat
EMA	Environmental Management Authority
ECS	Eastern Caribbean States
EU	European Union
FAO	Food and Agriculture Organisation
FAVACA	Florida Association for Voluntary Agencies for Caribbean Action
FHIA	Honduran Agricultural Research Foundation
FIC	French Inter-ministerial Fund
FMTC	French Mission for Technical Cooperation
FNUAP	United Nations Fund for the Population Activities (UNFPA)
FONAIAP	Foundation for Agricultural Research of Venezuela
FUNDEJUR	Fundacion Nacional para el Deswarrollo de Juventud Rural
FTA	Free Trade Agreements
FTAA	Free Trade Association of the Americas
GATT	General Agreement on Tariffs and Trade
GTZ	German Agency for Technical Cooperation
IDB	International Development Bank
IFAD	International Fund for Agricultural Development
IICA	Inter-American Institute for Cooperation on Agriculture
IPGRI	International Plant Genetic Resource Institute
IPM	Integrated Pest Management
ISA	Instituto Superior de Agricultura
ISNAR	International Service for National Agricultural Research
JAD	Agribusiness Board of the Dominican Republic
MAC	Management Advisory Committee
MALMR	Ministry of Agriculture Land and Marine Resources
MoA	Ministry of Agriculture
MTP	Medium Term Plan
NARI	National Agricultural Research Institute
NEARC	Centre National d'Etudes Agronomique des Regions Chaudes

NFC	National Fruit Committee
NFWG	National Fruit Working Group
NGO	Non-Governmental Organisations
NRMU	Natural Resources Management Unit
NVLC	National Volunteers Leaders Council
OAS	Organization of American States
OECS	Organisation of Eastern Caribbean States
OECS/NRMU	Organization of Eastern Caribbean States/Natural Research Management Unit
OIRSA	International Regional Organization for Agricultural Health
OXFAM	Oxford Family
PCB	Pesticide Control Board
PGR	Plant Genetic Resources
PIP	Project Implementation Strategic Plan
PMAC	Project Management Advisory Committee
PMB	Pink Mealy Bug
PROCICARIBE	Caribbean Cooperative Agricultural Research Program
RTP	Regional Transformation Plan
SANSECC	San Francique Sports Educational and Cultural Council
SCMA	Standing Committee of Ministers Responsible for Agriculture
SELFA	Southern Eastern Livestock Farmers Association
STA	Short Term Action
TARS	Tropical Agricultural Research Station
TBT	Tropical Bont Tick
TCA	Technical Cooperation Agency (IICA)
THA	Tobago House of Assembly
T&T	Trinidad and Tobago
UFPN	Network for Vegetable and Staple Food Crops Development Project
UNA	Universidad Nacional of Costa Rico
UNEM	Universidad Autonomia de Mexico
UPR	University of Puerto Rico
USA	United States of America
USAID	United States Agency for International Development
USDA	United States Department of Agriculture
UVI	University of Virgin Islands
UWI	University of the West Indies
WIBDECO	Windward Islands Banana Export Development Company
WINRE	Women in Rice
WTO	World Trade Organization



## 1. INTRODUCTION

The Inter-American Institute for Co-operation on Agriculture (IICA) presents this report on its work in the Caribbean, comprising the countries of CARICOM plus the Dominican Republic and Haiti, conducted primarily through its Caribbean Regional Centre, to the SCMA. The report which covers the period, June 1996 to May, 1997, consists of the following major sections:

- a. framework for IICA's achievements;
- b. the resources committed by the Institute;
- c. the activities grouped according to the major programmes of the Regional Transformation Programme as approved by the Conference of Heads of Government in July, 1996; and
- d. the highlights of the programme for the period 1997 - 1998

## 2. FRAMEWORK FOR ACHIEVEMENTS

The Institute's achievements are within the framework of the priorities in the Medium Term Plan, 1994-1998 and the Caribbean Differentiated Strategy. These priorities include *inter alia* (a) greater decentralisation of the Institute, to allow quicker response to and flexibility with its clients both public and private, (b) participation within the Institute and between the Institute and its clients, and (c) development of strategic alliances.

### 2.1 *Holistic Approach to Agricultural Development*

The Institute has developed a holistic approach to the development of the agricultural sector. This approach postulates that the development of the agricultural sector is not confined to on-farm activities solely, rather it must be with the agri-food cycle in its entirety, i.e. from the production of inputs and equipment to the purchase of the fresh and/or processed product by the final consumer. It also stresses the direct and indirect linkages to the other sectors, such as, tourism, health, education and services. The Institute is convinced that this approach is essential to the understanding by the wider community of the importance of agriculture, its real contribution to the national economy and its importance to national security.

### 2.2 *Administrative/Organisational*

#### 2.2.1 *Institutional Changes*

For the past three years, IICA has been implementing a process of transformation and modernisation in order to adapt to the new conditions, international agendas and needs of member countries and, thereby enhancing the capacity, quality and effectiveness of its technical co-operation. This process affected six areas within the institute: its approach to

technical co-operation and agriculture in a rural milieu, its organisation and information systems, human resources, institutional relations, the supply of services, and financing-budgeting. Major results include:

- Policy of all-inclusive participatory management with member states and IICA staff.
- Changes in the focus of and approach to the Technical Co-operation and Agriculture and the Rural Milieu.
- Changes in IICA's organisational structure.

When fully completed, this process will make IICA a more forward-looking, decentralised, integrated, communicative and strategic institution of excellence capable of creatively combining urgent short-term needs with important long-term issues to support the efforts of its clients within a framework of sustainable social, political, economic and ecological development.

### *2.2.2 Decentralisation*

The Decentralisation process of the Institute has almost been completed with the operationalisation of five Regional Centres, including the Caribbean Regional Centre (CRC). To be able to fully support the Regional Centres, the Management Structure and Organisation of Headquarters has also been streamlined, particularly with the establishment of a unit to assist the Deputy Director General with the Co-ordination of the Regional Centres.

The structure of the CRC, which was described in the 1995-1996 report to the SCMA, is now fully in place. The CRC now has responsibility, within given policy and budgetary parameters, for the conceptualisation, design and implementation of activities, within the Region, including those of an emergency nature.

### *2.3 Reviews and Reformulations*

The process of review and, as necessary, reformulation of projects, which was started in late 1995, was completed in early 1997. In keeping with the principle of participation, IICA's clients and strategic partners were fully involved in the process. From now on the review process will continue with annual internal evaluations and internal/external mid-term and end of project assessments.

For 1996/1997, the review process concentrated on the national projects in Area of Concentration (AoC IV), Sustainable Rural Development, in the Eastern Caribbean States (ECS), Guyana and Suriname.

Further, an assessment of the impact of IICA's technical co-operation programme in the Eastern Caribbean States was completed. This has resulted in a modification of the approach. This "new" approach will be "tested out" in the second half of 1997.

#### **2.4 *Integration of the New Members of the CRC***

There are three "new" members of the CRC. The Dominican Republic and Haiti were placed in the CRC in late 1994 with the completion of the Medium Term Plan, 1994-1998. The Commonwealth of the Bahamas became the 34<sup>th</sup> member of the IICA family in August, 1996. The integration of these countries into IICA's CRC, which was initiated in 1995/1996, continues to be given high priority.

With respect to Haiti and Dominican Republic, IICA has:

- i. Facilitated their participation to all relevant regional - CARICOM, CARIFORUM and IICA - meetings in the English Speaking Caribbean;
- ii. Arranged to translate into French or Creole major documents published by IICA;
- iii. Following the visit of a multidisciplinary team and subsequently, thematic specialists, held a workshop/training session in the area of agricultural health. One is proposed shortly for fruit crop development.
- iv. Supported financially and logistically a study tour of a Joint IICA/Youth Organisation team from the English Speaking Caribbean to examine successful Rural Youth Projects in the Dominican Republic and assess their suitability for implementation in their countries.
- v. Designated the Dominican Republic as its Spanish language training centre for the Caribbean. For the Reporting Period, two IICA staff members have utilised the facility. Three other participants are expected to go during 1997.
- vi. Continued to provide scholarships to 13 students from the English Speaking Caribbean and Haiti to pursue an BSc degree in Agriculture at the Instituto de Agricultura in the Dominican Republic.

With respect to the Bahamas, discussions between the Government and IICA are on-going relative to the finalisation of a Country Agreement and the subsequent establishment of a Technical Co-operation Agency. In the interim, IICA has supported the participation of representatives from the Bahamas in all of its regional activities. The Bahamas also receives IICA's publications.

#### **2.5 *Strategic Alliances***

The CRC has maintained its emphasis on developing and/or strengthening its relationships with International, Hemispheric, Regional and National Organisations from both the private and public sectors. The trend of reduced resources from quota and traditional sources make this strategy even more urgent and necessary.

The following summarises the major activities in this area for the period:

**A. *Multilateral and Bilateral Agencies***

- i. **FAO:** Resolution of Governing Bodies of FAO and IICA has resulted in the implementation of activities at the regional, sub-regional and Multinational (Guyana and Suriname) levels. These activities cover the impact of trade liberalisation on the agricultural sector of CARICOM member countries; management of the Caribbean Amblyomma Project; development and implementation of the Regional Transformation Programme (RTP) for Agriculture and execution of joint training activities in Agricultural Health for the region.
- ii. **GTZ:** The new GTZ/IICA Agreement is in place whereby Sustainable Project activities will take on a more country focus. The GTZ/IICA project has initiated the "Window of Sustainability" experiences in Jamaica. These efforts in the Rio Cobre Watershed area address issues of sustainable agriculture development that will provide an integrated vision of watershed management. Two other countries, Trinidad and Tobago and St. Lucia have been identified for additional projects.
- iii. **French Government:** The excellent relationship, established with the French Government in the past, continues to be maintained with the provision of technical and financial assistance to:
  - the Regional Fruit Project;
  - the Competitiveness Study in the Windward Islands; and
  - the adoption of an "appropriate" green-house technology in the ECS.
  - Haemoparasite Network for the Guianas

**B. *Regional Agencies***

- i. **CARDI:** A new three year (July 1996 to June 1999) Agreement has been entered into. It provides resources to CARDI for its institutional strengthening and the implementation of projects that assist the furtherance of the work programmes of CARDI and IICA singly or jointly. With respect to the latter, of the nine projects which have been improved for implementation during 1996/1997, activities have started on five. In this context, drawing on its vast experiences in the establishment and operation of PROCIS, IICA has provided significant human and financial resources to CARDI to assist in the development of the conceptual framework and launching (scheduled for late 1997) of PROCICARIBE. IICA and CARDI, along with the Ministry of Agriculture and Rural Development of Barbados, jointly sponsored a very successful regional agricultural

exhibition at the time of the special meeting on Agriculture of the Heads of Government.

- ii. **CDB:** Following a decision to revitalise the CDB/IICA Agreement, potential activities were identified for implementation in 1997. Liaison officers who have been named by both organisations, are actively advancing the work.
- iii. **CARICOM:** The Institute continues to enjoy good working relationships with the CARICOM Secretariat. This was manifested in the provision of assistance in the development and implementation of the Regional Transformation Programme (RTP), the holding of an exhibition to coincide with the Special Meeting on Agriculture of the Conference of Heads of Government in 1996 and the facilitation of the first joint SCMA/CORECA Meeting in Belize in 1997.
- iii. **Organisation of Eastern Caribbean States (OECS):**
  - a. ***OECS/Agricultural Diversification Co-ordinating Unit (OECS/ADCU):*** IICA's main OECS partner continues to be the OECS/ADCU. Specifically, IICA worked with the OECS/ADCU to effect the implementation of the study, "The Strategies and Plans of Actions to improve the Effectiveness of the OECS Agricultural Diversification Programme", which was completed last year. The Institute also was a member of the OECS/ADCU team which reviewed the 1996 Work Programme and evaluated the programme mode of the Ministry of Agriculture of St. Kitts. On the other hand, the OECS/ADCU actively assisted IICA in the review and reformulation process of its regional projects and national ones in the OECS.
  - b. ***OECS/Natural Resource Management (NRMU):*** An Agreement was signed with the OECS/NRMU during the year. This Agreement formalised the on-going collaborative relationships in areas, such as, the provision of the Secretariat of the Pesticides Control Boards of the OECS and Barbados and Pesticide Management, including the medical and human aspects of same. It also allows for the collaborative efforts to be widened to include water-shed and water-resource management.

**C. *Non-Governmental Organisations:***

- a. The Institute signed an agreement with the Caribbean Network for Integrated Rural Development (CNIRD) in March 1997. This would enhance the collaborative efforts of the two institutions, specifically for 1997 the completion and publication of three case studies in the area of Rural Development.

- b. The Institute maintained very cordial relations with the **Junta Agroempresaria de Dominica (JAD)** during the year. Specifically, it mounted a technical mission from Jamaica to the Dominican Republic to assess and make recommendations for its Yautia (*Xanthosoma spp.*) cultivation. Subsequent to this mission, arrangements have been made to provide clean planting material from Jamaica.
- c. An Agreement was signed with the **Texas A&M University** in April 1997 that brings to IICA, and hence to its projects/clients, very specialised expertise and knowledge for the development of the agricultural sector, particularly in areas relevant to the Caribbean, such as, bio-technology, water-resource management and macro and sectoral policy.
- d. Similarly, an agreement has been agreed to with the **Florida Association for Voluntary Agencies for Caribbean Action (FAVA/CA)** and will be signed in May 1997. This agreement will formalise the arrangement whereby FAVA/CA provides experienced specialists on a short-term basis to the Caribbean. Its geographic scope has also been widened to include the Central Regional Centre.
- e. Negotiations are well advanced with the **Universities of the Virgin Islands and Puerto Rico** relative to IICA entering into agreements with them. When signed, these agreements would make available to IICA and its clients, expertise skills and experience, particularly in the areas of herbs and spices and fruit development.

## **2.6 Forging Linkages Between Latin America and the Caribbean**

IICA, with its network of offices, considers itself well-placed to assist its Member Countries in the Caribbean to forge and/or intensify their linkages with Latin America. During the year, efforts have been made to actualise this potential. Firstly, the scope of the co-operation has been widened from its original narrow technological base to include all aspects of the agri-food cycle.

Secondly, to give effect to the widened scope of activities, the Institute has signed an agreement with the Association of Caribbean States (ACS). Within this agreement, the Institute prepared a project profile, "*Strengthening the Generation and Adoption of Clean Technologies to Mitigate Environmental Degradation in the Production and Marketing of Agricultural Production in the ACS*" for the joint ACS Meeting held in Jamaica in April.

Thirdly, selected countries, Central America, Brazil, Mexico, Chile, Argentina, Venezuela and Colombia, have been emphasised. In this context, IICA signed an agreement in May 1997 with the Government of Brazil which enables countries in the Caribbean Regional Centre and Belize to benefit from Brazilian technological expertise, etc. A joint IICA/Government of Brazil

mission has so far visited Suriname, Guyana and the Eastern Caribbean States to develop a Plan of Action within this Agreement.

The Institute obtained financial and other support from Mexico to facilitate the visit of three Caribbean technicians to visit Mexico to study the Integrated Pest Management Programme in that country relative to the control of the Pink Mealybug. Arrangements are also in progress to support *inter alia*: a meeting of producers of "Fine Cocoa" of the Caribbean and Latin America, technicians to assist in the formulation of an integrated pest management programme for Sugar Cane Froghopper in Trinidad and the Fruit Fly in the OECS. On the other hand, Trinidad and Tobago will host a Mexican technician to study this country's control programme for the Pink Mealy Bug.

Similarly, a volunteer programme, the Green Heart Programme, has been developed with Central America. This programme allows for young graduates from Central America to work on specific projects in the Caribbean with no direct financial costs. To date, five volunteers - two to the ECS and Jamaica and one to Haiti - have been selected. The programme is to be launched in June.

In addition, IICA has recently signed an Agreement with the Inter-American Commission on Women (CIM) to bolster the Institute's work with women.

## **2.7 Support Services**

Within the CRC, IICA conducts the following support services, viz., Education, Informatics and Promotion and Communication, to enhance its activities in the development of the agricultural sector in the region.

### **2.7.1 Education**

IICA's focus is threefold. Firstly, to create greater understanding and collaboration between, and possibly operational integration of, the Faculties of Agriculture of the wider Caribbean on the type of agricultural students that must be produced to efficiently manage and guide the regional agricultural sector into the 21<sup>st</sup> Century. Accordingly, in association with the University of the West Indies (UWI), the Institute will host in June, 1997 the First Regional Workshop of Caribbean Institutions for Tertiary Education in Agriculture.

Secondly, to assist in increasing the pool of academically and technically trained agricultural personnel in the region. Accordingly, 15 regional students (13 English speaking, 2 Haitian) are pursuing first degrees at the Instituto Superior de Agricultura in the Dominican Republic and three are pursuing post-graduate programmes in the United States and Puerto Rico through IICA and IICA/USDA scholarships.

Thirdly, to improve the attitudinal and technical capacity of its own staff. As such, IICA staff from the Technical Co-operation Agencies throughout the Caribbean participated in the following workshops:

- Management Workshop held in Nicaragua, February 26-March 15, 1996.
- Workshop on "Organisational Development, Finances and Human Resources" held in Trinidad, 16-20 September 1996.
- Workshop on the "Comprehensive Development of Human Resources in order to Strengthen the Technical, Administrative and Managerial Capabilities required for the Modernisation and Transformation of the Institutional Culture" held in Costa Rica, 2-10 March, 1997.

### 2.7.2 *Informatics*

In order to better respond to its clients and improve communication between its network of TCAs, IICA has embarked on a programme to improve its telecommunication systems Institute-wide and within the Caribbean. Institute-wide, it is in the process of installing a Technological Platform which *inter alia* will allow all of the TCA's to communicate with each other by means of the Internet. To facilitate this, at the CRC levels, all of the TCA's are now connected to the Internet and use its e-mail facility.

In addition, the computer hardware and software are being upgraded and rationalised in the TCAs with the intention of installing Local Area Networks in each of them by 1998/99.

The Institute has also developed in collaboration with C/LAA, two very complete and wide-scoped data bases, AgroInfo and AgroForo, which are available on the Internet and is of use to both the public and private sectors.

### 2.7.3 *Promotion and Communication:*

In an effort to strengthen collaboration with our partners and clients and to enhance our image in the Caribbean and beyond, IICA has begun to actively promote its activities and their results. This approach is exemplified by the following:

- The introduction in 1996/97 of two additional newsletters in the Caribbean, viz. IICA Caribbean News and Economic Policy and Sustainable Rural Development, and a hemispheric magazine, COMMUNICA.
- The publication of a Newspaper Supplement in Trinidad & Tobago
- The publication of a monthly Information Bulletin in Guyana
- The continued publication of the well-accepted newsletters, CARAPHIN News, Tropical Fruit Crops and TRYPNEWS



- The hosting of a successful agricultural exhibition along with CARDI and the Ministry of Agriculture, Barbados to coincide with the Special Meeting on Agriculture of the Heads of Government of CARICOM
- The publication of well over 40 newspaper articles.

A list of the publications produced by IICA in the Caribbean is provided at Annex 1.

## 2.8 Caribbean Differentiated Strategy

The Caribbean Differentiated Strategy (CDS), 1994-1998, was completed and distributed to Member States in 1995. However, taking into consideration the events within the Institute as described above, especially 2.1 to 2.4, 2.6 and 2.7, and those exogenous to the Institute but impacting on the Caribbean, such as, the World Trade Organization (WTO) and its recent ruling on the marketing of bananas in the European Union (EU), the treatment of rice and rum in the EU within the European Single Market, the threat by Mexico to Caribbean quotas for sugar in the United States of America (USA), the proposed Free Trade of the Americas, 2005, the formation of the Association of Caribbean States, the CARICOM Single Market, the Approval of the Regional Transformation Programme for Agriculture in 1996 and the Review of the Agricultural Diversification Programme of the OECS and the Approval of a Plan of Action in 1997, it was decided in April/May 1997 to update the CDS.

The updated version of the CDS, which will be for the period 1994-2000, will also benefit from the proposal for IICA and FAO to initiate complementary programmes and the establishment and work of a regional Task Force, is scheduled for completion during 1997. However, the main elements of the strategy are likely to be as follows:

- i. There will be two major planks, regional and national. The regional plank will aim to assist Member Countries in the development of their agricultural sectors that will be competitive but supporting equity through the alleviation of poverty and job creation. The national plank will focus on the development of high impact, sustainable, viable, integrated agricultural development projects in collaboration with the Institute's strategic partners, such as, CARDI and the Ministries of Agriculture.

Their successful implementation will require cooperation of all thematic areas. In addition, the national plank will respond to small tangible, *ad hoc* requests especially if they relate to emergencies and/or financed by special/external sources of funds.

- ii. Although activities will be undertaken in all Thematic Areas or AoCs, AoC I - Socio-Economic Policy, Trade & Investment - and AoC III - Agricultural Health -, will be emphasised. AoC I will be involved in providing information on and analysis of international Trade Agreements, conducting Commodity Studies on

major export and domestic crops, Preparation of Annual Situation and Outlook Reports, conduct of Special Studies on issues, such as, the impact of Trade Liberalization and Macro and Agricultural Policies on the Agricultural Sector, identifying the necessary conditions for the creation of investment opportunities in the sector, developing the framework for the development of a sector that is both competitive and equitable and enhancing the policy and budget monitoring systems of the MoA's.

AoC III will concentrate on the resolution of agricultural health problems as they impact on intra- and extra-regional trade, the use and control of pesticides, as related to direct human safety and degradation of the environment, and the eradication/control of exotic pests, such as, the Carambola Fruit Fly, Pink Mealy Bug and Amblyomma (Bont Tick).

Work in AoC II, Science and Technology, Natural Resources and Agricultural Production, will focus on institutional strengthening in areas, such as, research priority setting, management of intellectual property, network management, germplasm/genetic resource conservation and management, technology, including germplasm and bio-technology, brokerage and transfer especially between Latin and North America and the Caribbean.

Consequently, IICA will not be involved in Technological development. Further, technology adoption/adaptation will be confined to the national projects referred to above, fruit crop development, where the emphasis will be on agro-industry and other value added initiatives, and the small ruminants and dairy sub-sectors.

The majority of the work within AoC IV, Agro-Enterprise Development, will be confined to the support of national projects described above. However, other activities will include work with women, particularly in Trinidad and Tobago and Haiti, and youth, particularly in the Eastern Caribbean States and Barbados, the development and/or strengthening of commodity and/or farmers' associations culminating in the creation of a Caribbean Agribusiness Association, and the analysis and development of hypotheses or guidelines from the experiences of the national projects.

### **3. AVAILABLE RESOURCES**

#### **3.1 Financial**

For 1997, the available financial resources total US\$8.09 million with US\$4.73 million, US\$3.15 million and US\$1.21 million coming from Quota, External and Other resources, respectively. The allocation of these funds is presented in Table 1 and detailed by project and country in Appendix 2. It is noteworthy that Haiti continues to receive substantial (\$2.01 million) external funds. Similarly, Agricultural Health and Integrated Agricultural Development at

nationals levels were the thematic activities receiving the most externally sourced funds. The amount of external and other funds has also increased to a commendable 42%.

**TABLE 1**  
**ALLOCATION OF FUNDS FOR**  
**TECHNICAL CO-OPERATION ACTIVITIES (US\$'000)**

COST CENTRE	QUOTA	EXTERNAL	OTHER	TOTAL
TCAs and CRC	2,132.1	-	111.6	2,243.7
AoC I	245.8	140.8	1.7	388.3
AoC II	803.7	2,203.1		3,006.8
AoC III	335.8	704.0		1,039.8
AoC IV	596.9	13.7		610.6
Specialised Services	314.7	89.5		404.2
Support to CARDI	300.0	-		300.0
Pre-Investment	-	-	100.0	100.0
<b>TOTAL</b>	<b>4,729.0</b>	<b>3,151.1</b>	<b>213.3</b>	<b>8,093.4</b>

To supplement its financial resources, the CRC, during the year, performed the following activities:

- i. Studies/Consultancies re:
  - Projectisation of identified research activities on the 3 campuses of the University of the West Indies.
  - The strategies and Plans of Actions to improve the effectiveness of the OECS Agricultural Diversification Programme
- ii. Management of:
  - a Coffee Project in Haiti for USAID;
  - a Credit for Rural Women Project in Haiti for FNUAP;
  - the Morant and Yallahas Agricultural Development Project in Jamaica for the EU;
  - a Community Agro-Forestry farm project at St Deny's Tapakuma Essequibo in Guyana for the Governments of France and Guyana;
  - the control of the Carambola Fruit Fly in South America funded by IFAD and others;

- the modernisation of agricultural health services in Suriname to support National Trade and Export funded by IDB;
  - sustainable livestock and crop systems using legume trees as a source of nitrogen and fuel wood in Suriname funded by IDB;
  - integrated rural community development - Upper Suriname River Basin funded by US PL-480;
  - agricultural diversification through fruit and flower production in Suriname funded by US PL-480;
  - promoting the development of cottage and small scale agro-processing in Suriname funded by US PI-480.
- iii. Submitted Bids for provision of consultancy services for the:
- Modernisation of the Windward Islands Banana Industry funded by the EU;
  - Reform of the agricultural sector in Trinidad and Tobago funded by IDB;
  - Assessment of the sugar industry in St Kitts.

The first two were unsuccessful. The third is pending.

### 3.2 Professional Human Resources

The complement of professional staff in the CRC totals 52, of which 23 and 29 are international and national, respectively. The distribution according to management and thematic areas is summarised in Table 2 with a detailed listing in Annex 3.

**TABLE 2**  
**IICA PROFESSIONAL STAFF AS ALLOCATED TO THEMATIC AREAS**

AREA	INTERNATIONAL	NATIONAL	TOTAL
AoC I	1	2	3
AoC II	5	16	20
AoC III	2	3	5
AoC IV	2	5	7
Specialised Services	4	1	5
Management/Administration	9	3	12
<b>TOTAL</b>	<b>23</b>	<b>30</b>	<b>53</b>

#### 4. ACTIVITIES

The activities of the Institute are conducted within the Areas of Concentration I to IV, the two Specialised Services and the Regional Programming, Projects and Planning Unit. These are listed in Appendix 2. However, considering the importance of the Regional Transformation Programme for the agricultural sector and the Institute's policy of responding to clients' needs, they are grouped in the Table following relative to its (RTP) major programmes.

PROGRAMME NAME AND IMPORTANT CHARACTERISTICS	IICA's CONTRIBUTION FOR PERIOD UNDER REVIEW
1. Agricultural Policy Support	<ul style="list-style-type: none"> <li>• Initiated National and Regional Agri-Food Situation and Outlook reports.</li> <li>• Assisted in the Regional Transformation Plan (RTP) and provided logistical support for the meeting of the RTP.</li> <li>• Identified major social and economic impact of the Pink Mealy Bug in Grenada and established methodology for conducting similar impact assessment in other countries.</li> <li>• Developed an action plan for increased effectiveness of the OCES Agricultural Diversification.</li> <li>• Completed a plan for the technological modernisation of the Caribbean Banana Industry, IICA is a member of the Steering Committee to oversee and implement plan.</li> <li>• Developed a computerised Work Programme Management System for managing and monitoring annual work programmes in the MoA, Trinidad and Tobago which is being modified for St. Lucia, Barbados and Guyana.</li> <li>• Conducted Socio-Economic Policy Impact and Agri-food Sector Competitiveness studies in the ECS with comparison to Trinidad and Tobago and Martinique.</li> <li>• Completed the Characterisation of Farmers Organisations in Tobago.</li> <li>• Developed a conceptual approach towards a framework for Revitalisation of Agriculture in Tobago.</li> <li>• Completed a commodity budgeting exercise using AGSYS for Tobago.</li> <li>• Initiated an Agricultural Sector Study for Antigua/Barbuda in May, 1997.</li> <li>• Support to IFAD/MoA in design and formulation of the Rural Communities Support Services Project for Guyana.</li> <li>• Facilitated formulation of the Agricultural component of the National Development Strategy in Guyana.</li> </ul>
<p>1.1 Objective: Provide Member States with assistance to establish the policy environment for transformation</p> <p>1.2 Relevant Policy: Improvement of agricultural policy planning, evaluation and analysis</p> <p>1.3 Main Activity: Training of public sector officials: Generation and analysis of data</p>	

PROGRAMME NAME AND IMPORTANT CHARACTERISTICS	IICA's CONTRIBUTION FOR PERIOD UNDER REVIEW
<p>1. Agricultural Policy Support (cont'd)</p>	<ul style="list-style-type: none"> <li>• Facilitated organisation of Sectoral Review Meeting of Group of 77 on Food and Agriculture in Georgetown, Guyana.</li> <li>• With CARDI established the CARIFRUIT Steering Committee for promoting the Minor Fruit Crops of the Caribbean. In addition, National Fruit Committees (NFC), have been established in Guyana, Suriname, Grenada, St. Kitts/Nevis and Jamaica.</li> </ul>
<p>2. Human Resource Development</p> <p>2.1 Objective: Satisfy the training needs of farmers, technicians, planners, managers and technologists</p> <p>2.2 Relevant Policy: Improvement of human resources in agriculture and agri-businesses, farmers, technicians, planners, managers and technologists</p> <p>2.3 Main Activity: Short Course Training aimed at Undergraduate and Post Graduate Degree Education; skills training and attitude change.</p>	<p>a. <u>Specialised Training/Study Tours</u></p> <ul style="list-style-type: none"> <li>• Trained Medical professionals from the ECS and Barbados in treating pesticide poisoning.</li> <li>• Initiated in collaboration with FAO and CARICOM, a Study on the <i>Effects of Trade Liberalisation on CARICOM countries</i>.</li> <li>• Caribbean professionals (3) examined biological control programme in Mexico in respect to pink mealy bug control.</li> <li>• Supported a technical Floriculture Team from an ECS country to observe advanced production technology systems for cut-flower and ornamental plant production in Costa Rica.</li> <li>• Trained technician from St. Kitts in fruit propagation in Trinidad.</li> <li>• Technicians, producers and entrepreneurs participated in an intensive short course on Tropical Fruit Production in Guyana.</li> <li>• More than 50 technicians in the ECS and BVI and Trinidad and Tobago trained to use the AGSYS Cost of Production Programme.</li> <li>• St Lucian technician (1) trained in advanced tissue culture at UVI.</li> <li>• Technicians from Barbados and Trinidad and Tobago examined the functioning of youth projects in the Dominican Republic.</li> <li>• Technicians (82) from Guyana, Suriname, Dominican Republic and Haiti trained in Plant Quarantine Procedures.</li> <li>• Technicians (38) from the MoAs in St. Kitts and St Lucia updated on plant quarantine system.</li> <li>• Technicians (12) trained in Plant Quarantine procedures in the Control of Pink Mealy Bug.</li> <li>• Members (24) of the technical Committee of Pesticide Control Board of the ECS trained in Pesticide Risk Assessment.</li> <li>• Two Guyana MoA staff trained in Haemoparasite Diagnosis.</li> </ul>

PROGRAMME NAME AND IMPORTANT CHARACTERISTICS	IICA's CONTRIBUTION FOR PERIOD UNDER REVIEW
2. Human Resource Development (cont'd)	<p>a. <u>Specialised Training/Study Tours (cont'd)</u></p> <ul style="list-style-type: none"> <li>• 35 Dairy Farmers from Guyana trained in Organisation and Business Management.</li> <li>• 60 rural people trained in Participatory Management in Guyana</li> </ul> <p>b. <u>Workshops/Seminars</u></p> <p>1. <u>Regional</u></p> <ul style="list-style-type: none"> <li>• 20 Participants from Trinidad, Dominica, Guyana and Suriname participated in a 3-day Workshop on Citrus Budwood Certification, a critical aspect in the maintenance of a viable citrus industry in the Caribbean particularly in regards to CTV</li> <li>• 55 participants from the Caribbean participated in a 5-day workshop on the Marketability of Caribbean Minor Fruits.</li> <li>• 3-day Regional Workshop on Clonal Selection and Rapid Multiplication of Pineapple conducted in Guyana. Participants from Guyana (15), Suriname (8), Trinidad and Tobago (5) and St. Kitts/Nevis (1).</li> <li>• International Symposium on New World Trypanosomes held in Guyana.</li> <li>• 2-day Sub-Regional Workshop on Identifying/strengthening Public-private Sector Opportunities/linkages for the Agri-food Sector Development held in St. Lucia.</li> <li>• 2-day Regional Global Market Integration workshop held in Trinidad.</li> <li>• 2-day Regional Workshop for Plant Quarantine Officials on SPS Standards under WTO.</li> </ul> <p>2. <u>National</u></p> <ul style="list-style-type: none"> <li>• A 2-day Workshop on Improved Production Technologies for Pineapple conducted in Guyana.</li> <li>• A 2-day Workshop, conducted in Jamaica, examined the implications of the various hemispheric and international trade agreements on the agricultural sector.</li> <li>• Provided Resource Personnel to a national Export Market seminar held in Dominica.</li> <li>• 10 technicians participated in a 1-day workshop on quarantine inspection/certification system.</li> <li>• Extension personnel trained in Safe Pesticide use at a two and a half day workshop in Suriname.</li> <li>• 1 St. Lucian student pursuing a MSc. Degree in Veterinary Science in Mexico.</li> </ul>

PROGRAMME NAME AND IMPORTANT CHARACTERISTICS	IICA's CONTRIBUTION FOR PERIOD UNDER REVIEW
<p>2. Human Resource Development (cont'd)</p>	<p>c. <u>Tertiary Level Training</u> (cont'd)</p> <ul style="list-style-type: none"> <li>• 13 Caribbean students pursuing Undergraduate Degree programme at the Instituto Superior de Agricultura (ISA) in the Dominican Republic. 3 CARICOM nationals pursuing post-graduate degree programmes respectively in Gene Bank Management at Colorado State Univ., Agronomy at the Univ. of Florida, Gainesville and Plant Breeding/Biotechnology at the Univ. of Puerto Rico, Mayaguez.</li> </ul>
<p>3. Technology Generation, Validation &amp; Transfer</p> <p>3.1 Objective: Development and dissemination of technologies to enhance competitiveness</p> <p>3.2 Relevant Policy: More competitive production and marketing system</p> <p>3.3 Main Activity: Research, development and extension co-ordination via PROCICARIBE</p>	<p>a. <u>Agricultural Health</u></p> <ul style="list-style-type: none"> <li>• Continuation of Programme for Control/ Eradication of the CAE virus in Goats in Barbados with the introduction of ELISA and other equipment for testing animals purchased and installed at the MoA's Diagnostic Laboratory</li> <li>• Initiated investigations on Biological Control of Citrus Aphid, <i>Toxoptera citricida</i>, studies to be continued.</li> <li>• Continued eradication programme of the Tropical Bont Tick (TBT) <i>Amblyomma variegatum</i> from the Eastern Caribbean in collaboration with FAO and CARICOM.</li> <li>• Completed first version of CAPDAT database which monitors the progress of eradication efforts of TBT of registered livestock on premises in each country.</li> <li>• Control of Xanthosoma in Jamaica.</li> <li>• Facilitated the study tour for 10 professionals from Central America to examine the Integrated Pest Management Strategy for controlling the Pink Mealybug in Trinidad, Grenada and St. Kitts/Nevis.</li> <li>• Facilitated formulation of Animal Disease Emergency Preparedness Plan in Guyana.</li> <li>• Serum bank with 2000 bovine blood samples from Guyana and Suriname established.</li> <li>• Fruit Fly trapping programme was executed in Guyana.</li> <li>• In collaboration with CARDI produced a video on the Pink Mealybug in the Region.</li> <li>• Produced for the Government of Grenada video and posters as part of its Public-Awareness Programme to control the Pink Mealybug.</li> </ul>



PROGRAMME NAME AND IMPORTANT CHARACTERISTICS	IICA'S CONTRIBUTION FOR PERIOD UNDER REVIEW
<p>3. Technology Generation, Validation &amp; Transfer (cont'd)</p>	<p>b. <u>Genetic Improvement</u></p> <ul style="list-style-type: none"> <li>• Introduced dwarf golden apple in Suriname.</li> <li>• Introduced 2,000 virus-free citrus budwood from CIRAD-FLHOR into Trinidad.</li> <li>• Introduced <i>Cleopatra</i> rootstock from Trinidad for use in Citrus rehabilitation programme to Guyana.</li> <li>• Assisted the ECS in formulating a joint Programme on Plant Genetic Resources in line with the proposals contained in the Global Plan of Action on Plant Genetic Resources.</li> </ul> <p>c. <u>Technology Transfer</u></p> <ul style="list-style-type: none"> <li>• Facilitated the introduction of greenhouse and drip irrigation technology to modernise the production of vegetables and other high value crop in the ECS in particular St. Lucia and Antigua possibilities for introduction in Tobago, Barbados and Grenada.</li> <li>• Assisted in the validation of production technology for non-traditional crops, such as, table grapes as part of the agricultural diversification in the OECS.</li> <li>• Supported financially and otherwise the following: <ul style="list-style-type: none"> <li>• Onion drying project in Antigua</li> <li>• Coffee project in Haiti</li> <li>• Hillside Farming in Jamaica</li> <li>• Blackbay project in St. Lucia</li> </ul> </li> <li>• Assisted in the transfer of improved propagation/production techniques of yams in Jamaica.</li> <li>• Appropriate technologies in coffee production transferred through coffee projects in Haiti and Guyana.</li> </ul> <p>d. <u>Strengthening Agricultural Groups</u></p> <p><u>Suriname:</u></p> <ul style="list-style-type: none"> <li>• Conducted organisational strengthening of 4 communities through training, transfer of appropriate technology and support to community and group leadership.</li> </ul> <p><u>Guyana:</u></p> <ul style="list-style-type: none"> <li>• Conducted organisational strengthening of 6 community groups through human resource development, skills training and the provision of direct technical support.</li> </ul>

PROGRAMME NAME AND IMPORTANT CHARACTERISTICS	IICA's CONTRIBUTION FOR PERIOD UNDER REVIEW
<p><b>3. Technology Generation, Validation &amp; Transfer (cont'd)</b></p>	<p><b>d. Strengthening Agricultural Groups (cont'd)</b></p> <p><u>ECS:</u></p> <ul style="list-style-type: none"> <li>• Provision of organisational and management training to 15 farmers groups, as well as, improving the entrepreneurial and production skills of farmers in keeping with the agricultural diversification programme.</li> <li>• Supported to the dissemination of irrigation technology among farmer groups and MoA personnel.</li> <li>• Promoted a gender-sensitive extension methodology within the MoA.</li> </ul> <p><u>Trinidad and Tobago</u></p> <ul style="list-style-type: none"> <li>• Strengthening of rural Women's Groups and support to the Dairy Farmers' Associations.</li> <li>• Support provided to 4-H Leaders Council.</li> </ul> <p><u>Haiti</u></p> <ul style="list-style-type: none"> <li>• The Strengthening of selected Women's Groups by the provision of credit introducing them to a commercial economy.</li> <li>• Formation and institutional strengthening of a Coffee Producers Association.</li> </ul>
<p><b>4. Agri-Business Development</b></p> <p><b>4.1 Objective:</b> Modernisation of the marketing systems to complement the transformation process.</p> <p><b>4.2 Relevant Policy:</b> Modernisation of regional information and other support services.</p>	<ul style="list-style-type: none"> <li>• Conceptualised the need for the Caribbean Agri-business Association and support to its formation (April and onwards).</li> <li>• Conducted a Financial and Economic Analysis of River Doree Holdings Ltd and Mont Lezard Fruit Company Limited in St. Lucia .</li> <li>• Evaluated the Marketability of Caribbean Minor Fruit and discussed the promotion of West Indian Cherry, Soursop, Golden Apple, Passion Fruit, Citrus and Breadfruit.</li> <li>• Support to design/development of Coffee Processing facilities in Guyana.</li> </ul>

PROGRAMME NAME AND IMPORTANT CHARACTERISTICS	IICA's CONTRIBUTION FOR PERIOD UNDER REVIEW
4. Agri-Business Development (cont'd)	<ul style="list-style-type: none"> <li>• AgroInfo: Hemispheric Agricultural Trade Infosite on the Internet. Offers a free interactive global market place where buyers and sellers meet; full text of trade agreements; production and post-harvest guides among others.</li> <li>• In collaboration with CARDI, developed a video on the Banana Industry in the Caribbean.</li> </ul>
<p>4.1 Main Activity: Regional provision of market support services, including a market information and intelligence service.</p>	
5. Marketing Development	<ul style="list-style-type: none"> <li>• Identification of market opportunities for Guyana's coffee.</li> <li>• Developed marketing strategies and action plans to increase the effectiveness of the OECS Agricultural Diversification Programme.</li> <li>• Sub-regional workshop on Market Reporting System held in Trinidad and Tobago</li> </ul>
<p>5.1 Objective: Modernisation of the marketing system to complement the transformation process 5.1</p>	
<p>5.2 Relevant Policy: Modernisation of regional market information and other support services</p> <p>5.3 Main Activity: Regional provision of market support services, including a market information and intelligence service</p>	
6. Fisheries	<ul style="list-style-type: none"> <li>• IICA is not directly involved in fisheries. However, a study was conducted on the Characteristics of Fisheries Organisations in Tobago in contrast to the land-based Agricultural Organisations.</li> </ul>
<p>6.1 Objective: Sustainable harvesting techniques; optimal post-harvest operations</p>	
<p>6.2 Relevant Policy: Development of a sustainable regional fishing industry</p> <p>6.3 Main Activity: Support to Regional Fishery Programmes</p>	

PROGRAMME NAME AND IMPORTANT CHARACTERISTICS	IICA's CONTRIBUTION FOR PERIOD UNDER REVIEW
<p><b>7. Forestry and Water Resource Management</b></p> <p><b>7.1 Objective:</b> Sustainable exploration and management of forestry resources and, the development and management of water resources for agricultural purposes.</p> <p><b>7.2 Relevant Policy:</b> Environmentally sound forest management and utilisation in the region and, market-driven agricultural water resource utilisation.</p> <p><b>7.3 Main Activity:</b> Support to national and regional forestry action plans in addition to the preparation and implementation and sectoral water resource utilisation plans.</p>	<ul style="list-style-type: none"> <li>• IICA, although not directly involved in forestry and water resource management, has an integrated approach to this activity through its actions in Watershed Management as part of its Windows of Sustainability, IICA/GTZ Project, with sub-projects in Jamaica and the Dominican Republic and, ongoing discussions for introduction to St. Lucia, and Trinidad and Tobago.</li> <li>• Support to development of Sustainable Agro-Forestry Project in Guyana.</li> </ul>
<p><b>8. Institutional Arrangements for implementation of the Action Plan</b></p> <p><b>8.1 Objective:</b> Implementation of Programmes and Projects within the Regional Transformation Programme</p> <p><b>8.2 Relevant Policy:</b> Implementation of Action Plan to transform Regional Agriculture</p> <p><b>8.3 Main Activity:</b> Co-ordination of inputs of regional and national institutions and the private sector to implement the Action Plan.</p>	<ul style="list-style-type: none"> <li>• Representation on several committees that are overseeing the implementation of the RTP</li> </ul>

## 5. HIGHLIGHTS OF THE 1997/1998 PROGRAMME

During 1997/1998, the Institute will continue in its efforts to assist Member Countries to continue the development of an agricultural sector that is competitive but takes into consideration poverty and job creation and within the fragile, small island natural resources base of most of its members, the need to conserve the environment. In this regard, it will continue to promote the holistic approach to the development of the sector. Specifically, the Institute plans to appoint a Task Force of highly respected and well placed individuals to develop suggestions as to strategies that could place the agricultural sector of small economies in the developing world irrevocably into the global market place.

The Caribbean Differentiated Strategy, which will be circulated in later this year, along with the Medium Term Plan, 1994-1998, will provide the basic guidelines for our actions. Within this context, major efforts will be placed on maintaining the activities that are successful and well received and making operationally effective the following initiatives:-

- the strengthening of Strategic Alliances, for example, with FAO, CARDI and ADCU, singly and collectively, and complementing the work of the Task Force, IICA will seek to identify specific institutional niches as part of a common strategy responding to the requirements of our clients;
- the formation of the Council for Sustainable Agricultural Development in the wider Caribbean;
- the formation of the Caribbean Agri-Business Association;
- the forging of linkages between Latin America and the Caribbean, with special focus placed on the successful implementation of the IICA/Brazil Agreement which can serve as a model for similar innovative arrangements for the provision of technical co-operation to the countries through IICA;
- the development of our role of making available technological, scientific and other information through the Technological Platform and databases, such as, AgroInfo and AgroForo, and the possible creation, with the assistance of Texas A&M University, of a distance learning centre particularly beamed at farmers and technician;
- the consolidation of the new role of the Areas of Concentration, especially, Policy Trade and Investment and Agricultural Health, that have been identified for emphasis;
- the implementation of high impact, viable, sustainable, integrated development projects in countries where they do not exist;
- the publication of popular documents providing information of the Trade Agreements and analysis of their impact on the agricultural sector; and
- the continued integration of the Dominican Republic and Haiti and the induction of the Commonwealth of the Bahamas into the CRC.

**ANNEX 1**  
**PUBLICATIONS PRODUCED BY THE CRC**

***Newsletters:***

1. Tropical Fruits Newsletter. Issues 18-22.
2. Economic Policy and Sustainable Rural Development: Volume 2, Numbers 2-3 and Vol. 3 Number 1.
3. IICA Caribbean News. Vol. I, January, 1997

***Reports:***

1. Pineapple Pests and Diseases in the Lesser Antilles. Survey Results and Recommendations.
2. Development of Pineapple in Antigua. Optimisation of Rapid Multiplication
3. Economic Incentives and the Agri-Food Sector in OECS Countries: A Quantitative Assessment
4. Competitiveness and Trade: Conceptual Issues for LAC Countries
5. Review of the Performance of the Agricultural Sector in CARICOM: 1991-1994.
6. Assessment of the St. Vincent and the Grenadines Agricultural Diversification Programme: 1990-1995
7. Towards a Framework for Revitalisation of Agriculture in Tobago
8. Characterisation of Farmers and Farmers' Organisations in Trinidad and Tobago
9. A Commodity Budgeting Exercise using AGSYS

***Proceedings:***

1. Regional Meeting on Cashew Research and Development, Trinidad and Tobago - May 8-9, 1995.
2. Workshop on the Potential Development of Minor Fruit Crops, Trinidad and Tobago, October 25-26, 1995
3. Meeting of Caribbean Rural Development Specialists, Georgetown, Guyana, January 18-19, 1996
4. Workshop on Global Market Integration, June, 1996
5. Workshop on Organisational Development of Dairy Farmers' Associations, Trinidad, December 1996.
6. Gender in Policy and Planning: A New Vision for Agriculture in Trinidad and Tobago, December 13-14, 1996

**ANNEX 2**  
**LIST OF PROJECTS BY FUNDING SOURCE AND COUNTRY**

COUNTRY/SOURCE OF NON-QUOTA FUNDS	PROJECT TITLE	BUDGET US\$			
		QUOTA	EXTERNAL	OTHER	
Barbados	Management Costs	263,177			
	Supporting the Ministry of Agriculture and Rural Development of Barbados in the Control/Eradication of the CAE virus in goats	1,500			
	Design of Policies and Strategies for Agricultural and Rural Development	87,031			
	<b>Sub-Total</b>	<b>351,708</b>			
Dominican Republic	Management Costs	241,917		9,414	
	Institutional reform of SEA and Decentralised Organisations	56,986			
	Strengthening the initiatives of Sustainable Rural Development	70,595			
	Support to the Coffee Division of the Secret. of Agriculture on Management and Control of coffee berry borer	10,000			
	FIDA/CIARA/IICA	Support to the Strengthening of the Rural Development Training Network in the Dominican Republic		2,016	
	Banco Agricola	Proposal for modernisation of the Agriculture Bank in the D.R. (STA)		2,472	
	SEA/CAN	Support to SEA and CNA in the elaboration of the Agriculture Agenda for 1996-2000 (STA)		40,000	
		Support to SEA in the Planning and Execution of Institutional Reform		20,681	
	CIMPA	STA Support to the Research and Improvement of Animal Production Centre in the building-up of and Educational Centre		3,502	

COUNTRY/SOURCE OF NON-QUOTA FUNDS	PROJECT TITLE	BUDGET US\$		
		QUOTA	EXTERNAL	OTHER
Dominican Republic (cont'd)	STA: Support to the new elected authorities in the definition of priorities and projects for the agricultural sector in the D.R.		20,000	
	Sub-Total	379,498	88,671	9,414
ECS	Management Costs	363,876		
	Support for Agricultural Technology Development, Transfer and Utilisation in the Caribbean (Phase II)	184,698		
	Supporting the Agricultural Health Systems in the ECS to Facilitate Trade in Agricultural Products	139,089		
	Supporting Rural Organisations in the ECS	185,104		
	STA Technical Co-operation and pre-investment	5,000		
	Project Technical Support for priority actions in the EC\$	10,000		
	Sub-Total	887,767	—	—
Guyana  IFAD  FIC  FUTURES FUND  UNICEF	Management Costs	186,583		769
	Collaboration with IFAD for the formulation of a small farmers support programme (SFSP)		8,000	
	Supporting Agricultural Health Services in Guyana to facilitate production and trade	40,584		
	Hemoparasite Network for the Guianas		15,602	
	Strengthening Rural Development in Guyana	72,361	1,738	1,000
	Single activity: Support to Amerindian Research		4,202	



COUNTRY/SOURCE OF NON-QUOTA FUNDS	PROJECT TITLE	BUDGET US\$		
		QUOTA	EXTERNAL	OTHER
Guyana (cont'd) FRENCH GOV'T	Single activity: Management of the French/Guyana Integrated Rural Development Programme		56,642	
	<b>Sub-Total</b>	<b>299,528</b>	<b>86,184</b>	<b>1,769</b>
Haiti FNUAP/ CIDA	Management Costs	226,109		88,511
	Technology, Organisation and Credit for Small Peasant Farmers in Haiti	182,521	51,401 49,505	
USAID	Technology transfer for coffee-based cropping systems for Haitian small farmers		1,889,031 21,647	
	<b>Sub-Total</b>	<b>408,630</b>	<b>2,011,584</b>	<b>88,511</b>
Jamaica OXFAM	Management Costs	180,871		
	Support for the Agricultural Technology Generation and Transfer System in Crops Production	96,587	24,273	
EUROPEAN UNION	Technology Generation and Validation and Soil Conservation in the Morant and Yallahs Watershed		138,553	
	Strengthening Farmers' Organisations to Improve Agricultural Production and Productivity for Rural Development	97,487		
	<b>Sub-Total</b>	<b>374,945</b>	<b>162,826</b>	<b>-</b>
Suriname	Management Costs	149,580		10,800
	Transfer of Animal Production Systems in Suriname	37,370		
USDA	Supporting Agricultural Health Services in Suriname to facilitate Production and Trade	32,934	60,200	
	STA - Integrated Rural Community Development Marowijne/Lawa Tapahony Subregion	100,593		

COUNTRY/SOURCE OF NON-QUOTA FUNDS	PROJECT TITLE	BUDGET US\$		
		QUOTA	EXTERNAL	OTHER
Suriname (cont'd)	STA - Supporting Training Activity: Integrated Rural Community Development Project		7,000	
	Sub-Total	320,477	67,200	10,800
Trinidad and Tobago	Management Costs	182,998		
	Policy and Trade Support for Agri-food Sector Competitiveness in Trinidad & Tobago	50,867		
DUTCH GOVERNMENT	Supporting the Rural Development Process in Trinidad and Tobago through the Institutional Strengthening of women's Youths' and Farmers' Groups and Supporting Agencies	49,400	3,961	
	Sub-Total	283,265	3,961	-
Regional Projects	CRC Directorate	200,544		
	RPPPU	136,494		
	Policy and Trade Support for Agri-food Sector Competitiveness in the Caribbean	127,958		1,742
FMTC	Study of Competitiveness in the Lesser Antilles		77,131	
	STA: Strengthening technical capabilities in economic analysis among Caribbean countries through the evaluation and the situation of the evolution of the agri-food sector	10,000		
FRENCH/MAE	Supporting the Development of Tropical Fruit Crops in the Caribbean	167,510	26,813	
	Promoting the development and transfer of technology for sustainable agriculture in the Caribbean	64,486		

COUNTRY/SOURCE OF NON-QUOTA FUNDS	PROJECT TITLE	BUDGET US\$		
		QUOTA	EXTERNAL	OTHER
Regional Projects (cont'd)	Supporting Agricultural Health Services in the Caribbean to facilitate production and trade	72,359		
USDA	Implementation of the Surveillance Phase to Eradicate the Tropical Bont Tick, <i>Amblyomma variegatum</i> , from the Caribbean Region	49,400	294,206 332,887	
OAS	Supporting The Regional Action Programme for the Control of the Pink Mealybug in the Caribbean			1,121
	Caribbean Rural Development Regional Programme	5,000		
	Training for Professionals from the Caribbean	83,900		
	Assessment of the impact and the policy implications of trade liberalisation on the agricultural sector of CARICOM countries.	27,000		
	Unanticipated Short-Term Technical Co- operation and Pre-Investment			100,000
	Regional Agricultural Integration in the Caribbean	88,387		
	Support to Agricultural Co-operation between Latin America and the Caribbean	35,400		
OECS/ADCU	Development of a feasible plan of action to increase the effectiveness of the OECS Diversification Programme		55,702	
	Support to CARDI	300,000		
	<b>Sub-Total</b>	<b>1,368,438</b>	<b>786,739</b>	<b>102,863</b>
	<b>TOTAL</b>	<b>4,729,938</b>	<b>3,151,463</b>	<b>213,357</b>

**ANNEX 3**

**LIST OF PROFESSIONAL STAFF IN THE CARIBBEAN**

NAME	DESIGNATION
<p><b>Caribbean Regional Centre</b></p> <p>Arlington Chesney            Patrick Antoine*<sup>1</sup>✓            Edmundo Monteverde            Antonio Pinchinat*<sup>2</sup>✓            Mari Stull*</p>	<p>Director            Socio-Economic Policy, Trade and Investment            Specialist, Fruit Crops            Specialist, Technology Generation and Transfer            Specialist, Agri-Business Development</p>
<p><b>Bahamas</b></p> <p>Not Yet Appointed</p>	<p>Representative/Co-ordinator</p>
<p><b>Barbados</b></p> <p>Arlington Chesney*            Dennis Moses*            Errol Berkeley*            Vincent Little*            Sandra Vokaty*<sup>3</sup>✓</p>	<p>Representative            Deputy Representative            Co-ordinator, Regional Projects, Programming and Planning Unit            Specialist, Projects            Co-ordinator, Regional Agricultural Health Project</p>
<p><b>ECS</b></p> <p>Barbara Graham*            Everton Ambrose**            Godwin Daniel**            Francis Henry**            Cosmos Joseph**            Urban Martin**            Joseph Peltier**            Euphemia Weekes**</p>	<p>Representative            Specialist, Plant Protection            Co-ordinator, TCA in St. Vincent &amp; the Grenadines            Co-ordinator, TCA in Antigua/Barbuda            Co-ordinator, TCA in Grenada            Co-ordinator, TCA in Dominica            Specialist, Sustainable Rural Development            Co-ordinator, TCA in St. Kitts/Nevis</p>
<p><b>Guyana</b></p> <p>Jerry La Gra*            Cromwell Crawford**            Bernard Francois*            Maxine Parris-Aaron**            Peter Ramsammy**</p>	<p>Representative            Specialist, Sustainable Rural Development            Specialist, Projects            Specialist, Agricultural Health            Specialist, Extension and Agricultural Production</p>

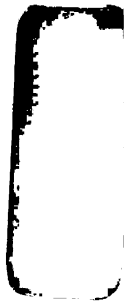
NAME	DESIGNATION
<b>Haiti</b>  Alfredo Mena* Alexis Gardella*  Frantz Bissainthe** Daniel Desmarais** Jean Raoul Dominique** Jean Fortunat** Desir Guesler** Henry Louis Jean** Raoul Jean-Louis** Michelet Mascary** Jean Rosscau Saint Lois** Edouard Sanon**	Representative Specialist, Sustainable Rural Development (Technology, Organisation and Credit) Specialist, Marketing Specialist, Radio Extension Assistant Regional Officer Systems Analyst Regional Officer Assistant Agronomist Specialist, Training and Transfer of Technology Co-ordinator, Transfer of Technology Regional Officer Specialist, Organisation and Management of Associations
<b>Jamaica</b>  Armando Reyes* Tomás Mulleady* Bonmathana Ramakrishna* Enrique Rieger* Sandra Kitson**	Representative (until August, 1996) Acting Representative (from August, 1996) Specialist, Soil and Watershed Management Specialist, Agricultural Health Administrator
<b>Suriname</b>  Guillermo Villanueva* George Buckmire* Hedy Ormskerk**	Representative Specialist, Sustainable Rural Development (Projects) Specialist, Fruits and Vegetables
<b>Trinidad and Tobago</b>  Arlington Chesney* Susana Dancourt* Marlene Antoine** <sup>1</sup> ✓  Willard Phillips**	Representative Deputy Representative Specialist, Sustainable Rural Development (Micro-Enterprise Development) Specialist, Analysis, Planning and Agricultural Policy

**Legend:**

- \* International Professional
- \*\* National Professional
- <sup>1</sup>✓, <sup>2</sup>✓, <sup>3</sup>✓, <sup>4</sup>✓ Co-ordinator, AoC I, II, III and IV, respectively

May 24, 1997





**INTER-AMERICAN INSTITUTE FOR COOPERATION ON AGRICULTURE  
OFFICE IN TRINIDAD AND TOBAGO**

AERO SERVICES CREDIT UNION BUILDING, Orange Grove Road, Tacarigua, Trinidad and Tobago / P.O. Box 1318  
Tel: (809) 640-3023/3931/6481 Fax: (809) 640-3070 Cable: IICAPOS Internet: E-mail <iicatt@opus-networx.com>