OPERATIVE PROGRAMME FOR IICA OFFICE IN GUYANA 1978/1979

INTER-AMERICAN INSTITUTE OF
AGRICULTURAL SCIENCES
GEORGETOWN - GUYANA
MARCH 1978

INTER – AMERICAN INSTITUTE OF AGRICULTURAL SCIENCES – OAS

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PROJECTO PROGRAMA OPERATIVO 1978/79

I.I.C.A. Office in Guyana

First Draft: December 1977.
Revised : February 1978.

GEORGETOWN. GUYANA.

C O N T E N T S

I - INTRODUCTION.

I - INTRODUCTION

This "PROGRAMA OPERATIVO" elaborated in December 1977 on the basis of the policy directives described in the medium-term indicative plan has been revised following the recommendations made at the planning meeting in January 1978. It includes the following projects:

IV.XLG.1.1 (Fondo Simon Bolivar)

TITLE: Definition and Promotion of Methodologies for Legume and Cassava Production.

VI.LG.2.1 (Promotional)

TITLE: Development of appropriate models of Social Organization of Production.

VII.LG.11 (Promotional)

TITLE: Strengthening the Statistical capability of the Resource Development and Planning Division of the Ministry of Agriculture.

As in previous years, the SBF will be the most important project of this office, and the activities to be undertaken to support the National Food Programme will evolve around the four following areas, identified as being of high priority by the Government of Guyana:

- Generation and Transfer of Technology.
- Improvement of the co-ordination mechanism of the National Programme and Development of Management Capability.
- Promotion of Legume and Cassava Production.
- Improvement of the efficiency of the Marketing System.

II -- BUDGET

2. SUMMARY OF THE BUDGET 1978/79

(GUYANA PROGRAMA OPERATIVO)

TABLE 2.1 OVERALL DISTRIBUTION OF FUNDS IN U.S. DOLLARS.

			QUOTAS		SBF		TOTAL
	Personnel		62609		81077		143686
11	International	(51609)		(74257)		(125866)	
12a)	General Services	(10399)		(6820)		(17820)	
11b)	Other Costs	601					
	Costs of Operations		12960		39640		52600
	Equipment		1000		6000		7000
	Gen ral Services		6906		15519		22425
	TOTAL		83475		142236		225711

PROGRAMA OPERATIVO 1978/1979

(GUYANA)

TABLE 2.2 **DISTRIBUTION OF OPERATING COSTS BY PROJECT, TYPE OF EXPENSES AND SOURCE OF FUNDS.**

Project/Code	20	21	22	23	24	25	26	Total	Source of Funds	
									Quota	FSB
I.LG.11	-	-	-	-	-	-	-	-	-	-
IV.LG.11	10,500	1,000	3,150	15,200	2,000	4,200	3,590	39,640	-	39,640
VI.LG.21	1,200	-	-	600	-	-	200	2,000	2,000	-
VII.LG.11	2,750	350	1,700	4,400	-	800	960	10,960	10,960	-
TOTAL	14,450	1,350	4,850	20,200	2,000	5,000	4,750	52,600	12,960	39,640

Appropriation will be made eventually in June from the present office budget at the presentation of a Project by IICA/CIDIA.

OPERATIVE PROGRAMME 1978/79

(GUYANA)

TABLE 2.3 DISTRIBUTION OF OPERATING COSTS BY ACTIVITY, TYPE OF EXPENSES AND SOURCE OF FUNDS.

(IN U.S. DOLLARS).

Activity	Code 20	21	22	23	24	25	26	TOTAL	Source of Funds Quotas	FSB
I.LG.11	-	-	-	-	-	-	-	-	-	-
IV.XLG.111	3500	300	350	6500	-	2500	1300	14450	-	14450
IV.XLG.112	2000	-	200	1100	-	100	340	3740	-	3740
IV.XLG.113	2500	300	1100	3100	1000	1000	900	9900	-	9900
IV.XLG.114	2500	400	1500	4500	1000	600	1050	11550	-	11550
SUB TOTAL IV.XLG.11	10500	1000	3150	15200	2000	4200	3590	39640	-	39640
VI.LG.211	800	-	-	400	-	-	125	1325	1325	
VI.LG.212	400	-	-	200	-	-	75	675	675	
SUB TOTAL	1200	-	-	600	-	-	200	2000	2000	
VII.LG.111	700	200	400	300	-	200	175	1975	1975	
VII.LG.112	100	100	300	2000	-	100	285	2885	2885	
VII.LG.113	50	50	1000	600	-	500	200	2400	2400	
VII.LG.114	1900	-	-	1500	-	-	300	3700	3700	
SUB TOTAL	2750	350	1700	4400	-	800	960	10960	10960	
GRAND TOTAL	14450	1350	4850	20200	2000	5000	4750	52600	12960	39640

PLACE OF REALIZATION: Georgetown

DURATION: 7 months

DATE OF START: December 1978

DATE OF END: June 1979

Nature and Relation with established targets.

This activity will fulfill targets 4.3.1 to 4.3.3 and will be carried out after review of the results of Activity IV.LG.211 through the promotion, organization and training of a national team for the preparation of the project.

Participating Technicians:

Responsible for the Activity:- Nicot Julien

Others: Hugo Fernandez
J. Bosco Pinto.

Benefitting Organizations: Ministry of Agriculture

Participating Entity: Ministry of Agriculture

INSTITUTO INTERAMERICANO DE CIENCIAS AGRICOLAS DE LA OEA

DETALLE DE COSTOS POR PROYECTO

Código: VI.LG.212

Título: Cooperate with the Ministry of Agriculture in formulating a Project for the testing of appropriate models of social organization of Production.

Ejercicio Económico: 1978/79

Cta.	OBJETO DEL GASTO	TOTAL US$	FINANCIACION Cuotas			
	COSTOS DE OPERACION					
20	Viajes Oficiales	400	400			
21	Literatura Técnica					
22	Edición de Publicaciones					
23	Becas	200	200			
24	Consultores y Conferenciantes					
25	Materiales y Utiles					
26	Otros Servicios	75	75			
	TOTAL	675	675			

OPERATIVE PROGRAMME 1978/79

(GUYANA)

TABLE 2.4 DISTRIBUTION OF GENERAL SERVICES COSTS

(IN U.S. DOLLARS)

		QUOTAS	FSB	TOTAL
(50)	Supplies	3000	6625	9625
(51)	Printing of Reports and Documents	100	400	500
(52)	Communications.	1000	3000	4000
(53)	Maintenance	500	1000	1500
(55)	Office Rent.	2000	4000	6000
(56)	Insurance	306	494	500
	TOTAL	6906	15519	22425

Two items: (50) Supplies and (52) Communications increased significantly due to the fact electricity and Telephone bills previously paid by the Government of Guyana had to be included in IICA' budget 1978/78

III - SUMMARY DESCRIPTION OF PROJECTS AND ACTIVITIES.

LINE OF ACTION IV: Agricultural Production, Productivity and Marketing.

PROGRAMME IV.1: Fostering Production and Productivity.

PROJECT IV.LG.11: Definition and Promotion of Methodologies for Legumes and Cassava Production (Simon Bolivar Fund).

1. BACKGROUND

The Government of the Co-operative Republic of Guyana has embarked on a National food crop production programme aimed at self-sufficiency in certain food products - Legumes, flour, fat and milk products, for which the country relies heavily on massive importation - and to decrease the amount of foreign exchange devoted annually to the importation of food stuffs. In recent years the consumption of dry beans and peas was approximately 11.5 lbs per acpita annually or a total of 8.8 million lbs., of which 6.6 million were imported at a cost of G$3.90 million per year.

In July 1976, the Inter-American Institute of Agricultural Sciences (IICA) signed an agreement with the Ministry of Agriculture, whereby with the Resources of the Simon Bolivar Funds IICA will support the national food programme in the area of grain legume production.

The set of activities undertaken by IICA to achieve the identified objectives constituted the Simon Bolivar Project, which was entitled "Definition and Promotion of Methodologies for Legume Production in Guyana".

In May 1977, at the request of the Ministry of Agriculture, Industrial Cassava was introduced and the modified FSB Project entitled "Definition and Promotion of Methodologies for Legumes and Cassava Production" was budgeted for the fiscal year 1977/78. Accordingly implementation targets have been identified both for grain Legumes and Cassava.

The project is in the second year of operation and no significant modifications is foreseen in the activities indicated in the

previous year. Therefore during this fiscal year (1978/79), the activities to be undertaken by IICA will evolve, as previously, around the following four areas.

- Generation and transfer of technology.
- Improvement of the coordinating mechanism of the National Programme and development of management capabilities.
- Promotion of Legumes and Cassava production.
- Improvement of the efficiency of the marketing system.

With the recruitment of the Farm Manager the FSB team will be complete to carry out the activities budgeted for the fiscal year 1978/79, and will consist of:

- 1 Agricultural Engineer (recruited April 1977)
- 1 Agronomist (recruited October 1977)
- 1 Farm Manager (to be recruited)

2. GENERAL OBJECTIVE

The general objective of the IICA Project financed through the FSB, is to develop jointly with the Ministry of Agriculture increased technical, institutional coordination and management capability of selected institutions involved with the national legume and cassava programme.

3. SPECIFIC OBJECTIVES AND CORRESPONDING TARGETS.

3.1 Appropriate technology generated and technological package recommended for legume and cassava production both by state and small farmers.

TARGETS.

3.1.1 Personnel trained in applied research techniques.

3.1.2 Tests of legumes and cassava performed in pre-selected soil types and under other relevant conditions.

3.1.3 Design of alternative technological packages evaluated for feasibility at extension level and at both state and small farm level.

3.1.4 Machinery for legume and cassava tested for both state and small farm use.

It is questionable whether a variety of legume (black-eye or other cowpea) suitable for efficient mechanical harvesting under conditions in Guyana can be recommended by June 1979.

3.2 Institutional services needed for legume and cassava production committed and coordinated.

TARGETS:

3.2.1 Participation of agencies defined (marketing, extension, credit research, planning etc.) approval given.

3.2.2 Coordination mechanism revised and promoted.

3.2.3 Legume and Cassava Project information system reviewed and improved.

3.2.4 Training programme for institutional management developed and implemented.

3.2.5 Training programme for extension personnel developed and implemented.

3.2.6 Operating procedures for support services simplified and adapted for small farmer use.

3.2.7 Overall Legume and Cassava Project programming schedule elaborated and approved.

3.3 Farm level management practices adopted by state and small Farms.

TARGETS:#

3.3.1 Identification of successful management practices of Legume and Cassava small farmers.

3.3.2 Management package (including identified successful practices plus complementary services and imputs) developed and recommended for legume and cassava farmers.

3.3.3 Extension personnel understand and systematically promote, recommended management package to be used by small legume and cassava farmers.

It is possible that the increased acreage approved for the production of legumes and cassava may not be incorporated as scheduled, thus affecting production targets established in the national Legume and Cassava Programme

3.4 Efficiency of marketing system for legumes and cassava improved.

TARGETS:

3.4.1 Post harvest losses for cassava estimated.

3.4.2 Critical intervention points to reduce post harvest losses selected for legume and cassava.

3.4.3 Recommended farm level storage facilities and handling practices promoted.

3.4.4 Remedial actions at other possible intervention points designed and promoted.

3.4.5 Preliminary design of commodity marketing information system developed.

4. ACTIVITIES

IV.XLG.111.

Assist the Ministry of Agriculture to develop appropriate technology and recommend technological packages for Legume and Cassava production both by state farms and small farmers.

IV.XLG.112.

Assist the Ministry of Agriculture in improving the Institutional services, coordination and management practices needed for Legume and Cassava production.

IV.XLG.113.

Cooperate with the Ministry of Agriculture to attain production targets through increased acreage and productivity through the adoption of appropriate technology and better farm management practices.

IV.XLG.114.

Assist the Ministry of Agriculture in improving efficiency of the marketing system for Legume and Cassava.

INSTITUTO INTERAMERICANO DE CIENCIAS AGRICOLAS DE LA OEA

DETALLE DE COSTO POR PROGRAMA

Codigo: IV.XLG.11

Titulo: Definition and Promotion of Methodologies for Legume and Cassava Production (Simon Bolivar Fund).

Ejercicio Economico: 1978/79

Cta.	OBJECTO DEL GASTO	TOTAL US$	FINANCIACION	
			Cuotas	FSB
	COSTO DE PERSONAL			
11	Profesional Internacional	74,257		74,257
12	Profesional Nacional y Auxiliar	6,820		6,820
	Sub-total Costo de Personal	81,077		81,077
	OTROS COSTOS			
	(a) Costos de Operacion:			
20	Viajes Oficiales	10,500		10,500
21	Literatura Tecnica	1,000		1,000
22	Edicion de Publicaciones	3,150		3,150
23	Becas	15,200		15,200
24	Consultores y Confereniantes	2,000		2,000
25	Materiales y Utiles	4,200		4,200
26	Otros Servicios	3,590		3,590
	Sub-total Costos de Operacion	39,640		39,640
	(b) Servicios Generales:			
50	Suministros	6,625		6,625
51	Impresion de Informe y Documentos	400		400
52	Comunicaciones	3,000		3,000
53	Mantenimiento	1,000		1,000
54	Atenciones Oficiales	-		-
55	Alquileres	4,000		4,000
56	Seguros	494		494
	Sub-total Servicios Generales.	15,519		15,519
	Equipo	6,000		6,000
	TOTAL GENERAL	142,236		142,236

INSTITUTO INTERAMERICANO DE CIENCIAS AGRICOLAS DE LA OEA

DETALLE DE COSTOS POR PROYECTO

Código: IV.XLG.111

Título: Assist the Ministry of Agriculture to develop appropriate technology for the production of Legumes and Cassava.

Ejercicio Económico: 1978/79

Cta.	OBJETO DEL GASTO	TOTAL US$	FINANCIACION			
			Cuotas			FSB
	COSTOS DE OPERACION					
20	Viajes Oficiales	3500				3500
21	Literatura Técnica	300				300
22	Edición de Publicaciones	350				350
23	Becas	6500				6500
24	Consultores y Conferenciantes	-				-
25	Materiales y Utiles	2500				2500
26	Otros Servicios	1300				1300
	TOTAL	14450				14450

PLACE OF REALIZATION.

Mon Repos, Hubabu, Enmore, Kaituma, Charity, Look-Out and other production areas.

DURATION: 1 Year.

DATE OF START: July 1978

DATE OF END: June 1979

This activity aimed at achieving targets 3.1.1 to 3.1.4 will consist of:-

- designing and establishing trials at various sites or varieties performance, optimum plant population, control of and resistance to pest and diseases, cropping systems involving various crops combinations including legumes and cassava.

- designing and establishing jointly with Guysuco experiments on herbicides.

- rapid propagation of high yielding varieties, mechanized planting and harvesting particularly in regard to Cassava.

- analysis of the data and Economic interpretation of the results of the trials.

- organization of reciprocal training at CIAT and CATIE for staff involved in generation and transfer of technology.

- evaluation of performance of existing equipment, their selection, modification and testing under various conditions.

Participating Technicians:

Responsible for the Activity: Reginald Pierre

Others: Philip Robinson
Alberto Paez
Antonio Pinchinat.

Benefitting Organizations:

Ministry of Agriculture, farmers and other agencies of the sector involved in the Programme.

Collaborating Entities:

-, Ministry of Agriculture
- Guyana Agricultural Products Corporation
- Guyana Sugar Corporation
- Guyana Rice Board.

INSTITUTO INTERAMERICANO DE CIENCIAS AGRICOLAS DE LA OEA

DETALLE DE COSTOS POR PROYECTO

Código: IV.XLG.112

Título: Assist the Ministry of Agriculture in improving the Institutional Services, coordination and Management Practices.

Ejercicio Económico: 1978/79

Cta.	OBJETO DEL GASTO	TOTAL US$	FINANCIACION			
			Cuotas			FSB
	COSTOS DE OPERACION					
20	Viajes Oficiales	2000				2000
21	Literatura Técnica	-				-
22	Edición de Publicaciones	200				200
23	Becas	1100				1100
24	Consultores y Conferenciantes	-				-
25	Materiales y Utiles	100				100
26	Otros Servicios	340				340
	TOTAL	3740				3740

ACTIVITY: IV.XLG.112

DURATION: 12 months

DATE OF START: July 1978

DATE OF END: June 1979

Nature and Relations with Established Targets.

This activity aims at achieving targets 3.2 to 3.2.7. The National Grain Legumes and Cassava programme involving the participation of six Semi-Autonomous Agencies, approximately one thousand small farmers, state farms, proper mechanism of coordination within the Ministry of Agriculture is necessary to achieve an appropriate integration of all the agencies of the sector participating in the programme. Through direct advisory service, in-service training, seminar and work-shop, assistance will be given to the Ministry of Agriculture to improve the Institutional Subsystems, generate and adopt adequate methodologies to solve problems related to the Management and Coordination of the National Programme.

IICA PARTICIPATING TECHNICIANS:

Responsible: Nicot Julien

Other: Pablo Roberts

Benefitting Organizations:

- Ministry of Agriculrure
- State Corporations

Collaborating Entities

- Ministry of Agriculture
- Guyana Agricultural Products Corporation

INSTITUTO INTERAMERICANO DE CIENCIAS AGRICOLAS DE LA OEA

DETALLE DE COSTOS POR PROYECTO

Código: IV.XLG.113

Título: Co-operate with the Ministry of Agriculture to attain production target through increased acreage and productivity.

Ejercicio Económico: 1978/79

Cta.	OBJETO DEL GASTO	TOTAL US$	FINANCIACION			
			Cuotas			FSB
	COSTOS DE OPERACION					
20	Viajes Oficiales	2500				2500
21	Literatura Técnica	300				300
22	Edición de Publicaciones	1100				1100
23	Becas	3100				3100
24	Consultores y Conferenciantes	1000				1000
25	Materiales y Utiles	1000				1000
26	Otros Servicios	900				900
	TOTAL	9900				9900

ACTIVITY: IV.XIG.113

PLACE OF REALIZATION: GUYANA, Legumes and Cassava Producing areas

DURATION: 12 months

DATE OF START: July 1978

DATE OF END: June 1979

Nature and relation with established targets.

Total acreage presently under cultivation, both for Legumes and Cassava is short of what is required to meet the objective of self-sufficiency in production of these crops. In addition productivity is los: the acreage yield for the country has been estimated at 500 lbs./acre for black-eye peas and 3 tons/acre for Cassava. To approach the targets set both in terms of productivity and total production (targets 3.3.1 to 3.3.3) this activity will consist of:

a) Advisory services to technical and extension staff on the proper technology needed to increase productivity.

b) Short courses for extension staff.

c) Reciprocal technical assistance (at CIAT, CATIE and other locations).

d) Training in Farm Management System and project design at the level of state farms, co-operatives and small farmers.

Participating Technicians:

Responsible for the activity: Farm Manager (to be recruited)

Others: Reginald Pierre
Hector Barreyro
Philip Robinson

Benefitting Organizations:

Ministry of Agriculture, farmers and agencies participating in the project.

Collaborating Entities:

Ministry of Agriculture.

CATIE.

Centro Internacional de Agricultura Tropical (CIAT).

INSTITUTO INTERAMERICANO DE CIENCIAS AGRICOLAS DE LA OEA

DETALLE DE COSTOS POR PROYECTO

Código: IV.XLG.114

Título: Assist the Ministry of Agriculture in improving the efficiency of the Marketing System for Legumes and Cassava.

Ejercicio Económico: 1978/79

Cta.	OBJETO DEL GASTO	TOTAL US$	FINANCIACION			
			Cuotas			FSB
	COSTOS DE OPERACION					
20	Viajes Oficiales	2500				2500
21	Literatura Técnica	400				400
22	Edición de Publicaciones	1500				1500
23	Becas	4500				4500
24	Consultores y Conferenciantes	1000				1000
25	Materiales y Utiles	600				600
26	Otros Servicios	1050				1050
	TOTAL	11550				11550

ACTIVITY: IV.XLG.114

PLACE OF REALIZATION: Guyana.

DURATION: 1 year

DATE OF START: July 1978

DATE OF END: June 1979

Nature and relation with established Targets.

The improvement of the Marketing System is considered to be an area of priority over the short and long run if the objectives of the legumes and Cassava programme are to be reached.

The activity of the SBF project in the marketing area have started only in 1977. It is expected to have finished by this fiscal year a study to measure post harvest losses in black-eye peas and to identify the main factors that caused them. However, the duration of the project as intended for a period of 2 years with the main stress on developing information base during the early part of the project and implement action activities on the latter part.

Therefore, to complete the information base in the marketing area and achieve targets 3.4.1 to 3.4.5 proposed to:

1) Implement a post-harvest loss study on Cassava at a country level.

2) Assist the Ministry to implement a set of action or investment projects to reduce post-harvest losses in black-eye pea as resulted from the recommendation of the study.

3) Assist the Ministry of Agriculture in improving the Marketing system for Legumes and Cassava.

4) Implement a training programme in the marketing area in post-harvest losses, and marketing of agricultural products.

PARTICIPATING TECHNICIANS:

- Philip Robinson
- Nicot Julien
- Jerry LaGra (IICA - Dominican Republic).

COLLABORATING ENTITIES:

- Ministry of Agriculture and relevant corporation under it.

RESPONSIBLE FOR THE ACTIVITY:- Hector Barreyro

LINE VI: STRUCTURAL CHANGE AND FARMER ORGANIZATION.

PROGRAMME VI.2: FARMER ORGANIZATION.

PROJECT: Assist the Ministry of Agriculture to develop appropriate models of social organization of Production.

1. PROBLEM.

The Government of Guyana has a policy of promoting the organization of rural co-operatives to cover a wide range of economic activity. Several attempts have been made in the past to promote such coops in different areas of the country.

Major settlement schemes, such as Black Bush Polder, have also included various approaches to social organization of production, including coop farming, mixed schemes, etc.

In addition to the above, there exists in the country a number of autonomous forms of farmers' organizations which have developed without sizeable support from the state.

The Government of Guyana is in the process of formulating a number of projects for further land settlement, as well as for the integrated development of areas already occupied.

In spite of the above, no systematic effort has been undertaken to evaluate the social impact and the economic feasibility of the various forms of social organization of production which exist in the country, in order to develop models for these organizations which are adequate to social, and economic conditions of agricultural production in the country.

It is felt that many of the models promoted in the past particularly in land settlement schemes, have failed to achieve expected results (both in economic and social terms). It is not known what changes or adjustments may be required to achieve expected success.

2. GENERAL OBJECTIVE.

To increase the capability of the Government of Guyana to evaluate the social and economic viability of existing forms of social organisation of production, and to formulate alternative models for the future of these organisations.

3. INTERMEDIATE OBJECTIVES.

Jointly with the Government of Guyana:

(a) Identify the major types of farmers' organisations presently in existence and examine their performance in terms of total income, income of individual members and changes in production.

(b) Identify the major constraints for the development and success of each type.

(c) Formulate a proposal for the design and testing of alternative models.

4. TARGETS.

4.1 For intermediate objective (a).

(i) Ad hoc team that includes technicians from the Ministry of Agriculture selected and organized.

(ii) The methodology for the study designed.

(iii) Preliminary typology that specify relevant variables developed.

(iv) Relevant, representative cases selected and case studies conducted.

(v) Typology reviewed and major types expanded.

4.2 For intermediate objective (b).

(i) Measure impact of constraints in technology, management and organizational development for each model

(ii) Identify and measure impact of other relevant constraints.

4.3 For intermediate Objective (c).

(i) Selection of apparently more successful types types of farmers' organizations.

(ii) Support packages (such as training, services, infrastructure), designed that are directed at lifting some of the identified constraints.

(iv) Proposals formulated.

5. **ACTIVITIES:**

VI.LG.21

In depth study of the major farmers organization in Guyana and the constraints for their development.

VI. LG.21

Formulation of a project for the design and testing of appropriate models of social organization of production.

INSTITUTO INTERAMERICANO DE CIENCIAS AGRICOLAS DE LA OEA

DETALLE DE COSTOS POR PROYECTO

Código: VI.LG.21

Título: Cooperate with the Ministry of Agriculture to test and promote appropriate models of social organization of production.

Ejercicio Económico: 1978/79

Cta.	OBJETO DEL GASTO	TOTAL US$	FINANCIACION			
			Cuotas			FSB
	COSTOS DE OPERACION					
20	Viajes Oficiales	1200	1200			
21	Literatura Técnica					
22	Edición de Publicaciones					
23	Becas	600	600			
24	Consultores y Conferenciantes					
25	Materiales y Utiles					
26	Otros Servicios	200	200			
	TOTAL	2000	2000			

INSTITUTO INTERAMERICANO DE CIENCIAS AGRICOLAS DE LA OEA

DETALLE DE COSTOS POR PROYECTO

Código: VI.LG.211

Título: Promotion and realization of a study of major farmer's organizations

Ejercicio Económico: 1978/79

Cta.	OBJETO DEL GASTO	TOTAL US$	FINANCIACION Cuotas			
	COSTOS DE OPERACION					
20	Viajes Oficiales	800	800			
21	Literatura Técnica					
22	Edición de Publicaciones					
23	Becas	400	400			
24	Consultores y Conferenciantes					
25	Materiales y Utiles					
26	Otros Servicios	125	125			
	TOTAL	1325	1325			

PLACE OF REALIZATION: Georgetown and other relevant areas.

DURATION: 4 Months.

DATE OF START: July 1978

DATE OF END: November 1978

Nature and Relation with Established targets.

This activity aims at fulfilling targets 4.1.1 to 4.1.4, 4.2.1 and 4.2.2. As a follow up of the inventory of existing farmers organization carried out in 1977/78, it will consist of:-

- Revision of basic documents available (inventory study and PREDE document).
- Promotion and organization jointly with the Ministry of Agriculture of Seminars and Workshops to analyse the documents and define the scope of the study in terms of relevant cariables.
- Carrying out of the study.

Participating IICA Technicians:

Responsible for the Activity: Nicot Julien

Others: Hugo Fernandez
J. Bosco Pinto.

Benefitting Organization:

Ministry of Agriculture.

Collaborating Entities: Ministry of Agriculture.

INSTITUTO INTERAMERICANO DE CIENCIAS AGRICOLAS DE LA OEA

DETALLE DE COSTOS POR PROYECTO

Código: VI.LG.212

Título: Cooperate with the Ministry of Agriculture in formulating a Project for the testing of appropriate models of social organization of Production.

Ejercicio Económico: 1978/79

Cta.	OBJETO DEL GASTO	TOTAL US$	FINANCIACION Cuotas			
	COSTOS DE OPERACION					
20	Viajes Oficiales	400	400			
21	Literatura Técnica					
22	Edición de Publicaciones					
23	Becas	200	200			
24	Consultores y Conferenciantes					
25	Materiales y Utiles					
26	Otros Servicios	75	75			
	TOTAL	675	675			

PLACE OF REALIZATION: Georgetown

DURATION: 7 months

DATE OF START: December 1978

DATE OF END: June 1979

Nature and Relation with established targets.

This activity will fulfill targets 4.3.1 to 4.3.3 and will be carried out after review of the results of Activity IV.LG.211 through the promotion, organization and training of a national team for the preparation of the project.

Participating Technicians:

Responsible for the Activity:- Nicot Julien

Others: Hugo Fernandez
J. Bosco Pinto.

Benefitting Organizations: Ministry of Agriculture

Participating Entity: Ministry of Agriculture

Line VII:	Formulation and Administration of Agricultural Policy.
Programme VII.A.	Formulation of Agricultural Policy and Sectoral Planning.
Project VII.A.LG.I	Strengthening the Statistical Capability of the Resource Development and Planning Division of the Ministry of Agriculture in Guyana.

1. BACKGROUND.

This Project was first developed and budgeted on request made from the Ministry of Agriculture upon the opening of the Inter-American Institute of Agricultural Sciences - (IICA) Office in Guyana. The area of agricultural statistics was given the highest priority. The planning of a sample survey of the agricultural sector was one of the first tasks to be carried out. The project budgeted in the 1977/78 Operative Programme was initiated in the same year.

After a series of meetings held with personnel of the Resource Development and Planning Division during July/August, 1977, two critical areas were defined for IICA's involvement.

These were:-

1. The development and production of statistical estimates, using as a basis, the population frame developed by the Resource Development and Planning Division; and
2. Provision of a training programme on basic statistics, survey methods and interviewer methods.

A review of the existing situation led to a proposal of activities relating to statistics and was sent to the Ministry to serve as a guide in November 1977. The Ministry subsequently formulated a project which included a proposal to establish a statistical unit. This project proposed the attainment of the following targets:-

1. Up-date and publish the existing population frame of the agricultural sector.

2. Develop a methodology of estimating production statistics.

3. Carry out a pilot estimation on pre-selected crops.

4. Carry out a training programme on basic statistics and interviewer techniques with Staff of the Resource Development and Planning Division, Crop Reporters and other related agencies.

The development of a reliable data base and its proper utilization in the relevant planning scheme is a long-run task. This calls for an analysis of the existing planning structures and its functioning as well as an assesment of the need to expand or modify the information base. The expansion of this project along these lines has led to a request by the Ministry for the co-operation of IICA. In addition, it should also be noted that the National Project may have to generate information that will be required in the planning and implementation of a new agricultural census in 1980, as well as fulfilling the information requirements for the formulation and administration of agricultural policy.

One implication of the expansion of this National Project has led IICA to increase its technical co-operation in formulation of agricultural policy (See Programme VII).

2. GENERAL OBJECTIVES.

The general objective of the IICA Project is to develop jointly with the R.D. & P. Division of the Ministry of Agriculture, the capability to produce agricultural data on a self- sustaining and continuous basis.

3. SPECIFIC OBJECTIVES AND CORRESPONDING TARGETS.

3.1 Information requirements developed according to Government planning needs.

Targets.

3.1.1 A situation study of the agricultural planning sub-system implemented.

3.1.2 Population frame of farmers up-dated and processed.

3.2 Organised and strengthened institutional base for Agricultural statistics.

Targets.

3.2.1 Institutionalization of the estimation of Agricultural Statistics promoted. (IICA is commited so that the proposed agricultural statistical unit will be approved with preliminary funding).

3.3 Appropriate methodology developed to product reliable estimates (given limited country resources).

Targets.

3.3.1 Methodology developed to estimate production statistics of pre-selected agricultural activities.

3.3.2 Methodology developed to estimate marketing data of agricultural products.

3.3.3 Pilot studies of pre-selected agricultural activities to estimate production variables implemented.

3.3.4 Pilot Study to estimate marketing data implemented.

3.4 Increased technical and professional capability for collecting, compiling, processing and analysing data and information used or needed for the formulation of agricultural policy and decision making.

Targets.

3.4.1 Staff of the R.D.& P. Division and other related agencies trained (courses and in-service) to collect and estimate agricultural data.

3.4.2 Formal training programme completed on statistics and processing of data for staff of the R.D.& P. Dicision and other related agencies.

NOTE:

Even though there is separation of targets according to intermediate objective, the project is viewed as an inter-related whole.

4. ACTIVITIES.

4.1 Implementation of pilot studies for selected products to estimate production and marketing variables (targets 3.3.1 to 3.3.4 and in-service training 4.1).

4.2 Train staff of the R.D.& P. Division and other related agencies on collecting, analysing and processing data. (Courses, Seminars and In-Service) (targets 3.4.1 and 3.4.2).

4.3 Up-dating and processing of the existing population frame; development of land use maps - (target 3.1.2).

4.4 Carry out a situation study of the agricultural planning sub-system - (targets 3.1.1).

INTER-AMERICAN INSTITUTE OF AGRICULTURAL SCIENCES

DETAILED EXPENSE BY ACTIVITY

Code: VII.LG.11

Title: Strengthening the Statistical Capability of the Resource Development & Planning Division of the Ministry of Agriculture.

Fiscal Year: 1978/79

Code	TYPE OF EXPENSE	TOTAL US$	FUNDING		
			SBF	Quotas	
	OPERATIONAL EXPENSES				
20	Official Trips	2750		2750	
21	Technical Literature	350		350	
22	Production of Publications	1700		1700	
23	Scholarships	4400		4400	
24	Consultants and Speakers	--		--	
25	Office Supplies and Materials	800		800	
26	Miscellaneous Expenses	960		960	
	TOTAL	10960		10960	

INTER-AMERICAN INSTITUTE OF AGRICULTURAL SCIENCES

DETAILED EXPENSE BY ACTIVITY

Code: VII.LG.111

Title: Co-operate with the Resource Development and Planning Division the implementation of Pilot Studies of the Agricultural Sector to estimate production and marketing variables.

Fiscal Year: 1978/1979

Code	TYPE OF EXPENSE	TOTAL US$	FUNDING		
			SBF	Quotas	
	OPERATIONAL EXPENSES				
20	Official Trips			700	
21	Technical Literature			200	
22	Production of Publications			400	
23	Scholarships			300	
24	Consultants and Speakers			-	
25	Office Supplies and Materials			200	
26	Miscellaneous Expenses			175	
	TOTAL			1,975	

ACTIVITY: VII.LG.111

Place of Realization: Guyana

Duration: 12 months

Date of Start: 1, July 1978

Date of End: June 1979.

Nature and relation with established targets.

This activity is a continuation of the 1977/78 project and will achieve targets 3.3.1 to 3.3.4 and in-service training 4.1. As products, a series of methodological handouts on data collection and estimation at the farm and market level will be obtained. It will also produce basic information related to selected products and the activity will consist of:-

- Direct advisory services to the R.D. & P. Division, and
- Training of Personnel involved in the design and implementation of the pilot studies.

IICA Personnel Participating:

(a) Responsible: Hector R. Barreyro
(b) Others: Nicot Julien

Collaborating entities

Ministry of Agriculture, Statistical Bureau

and

Other related Agencies.

INTER-AMERICAN INSTITUTE OF AGRICULTURAL SCIENCES

DETAILED EXPENSE BY ACTIVITY

Code: VII.LG.112

Title: Train Staff of the Resource Development and Planning Division and other related agencies on statistical techniques and methodologies, and in processing data.

Fiscal Year: 1978/79

Code	TYPE OF EXPENSE	TOTAL US$	FUNDING		
			SBF	Quotas	
	OPERATIONAL EXPENSES				
20	Official Trips			100	
21	Technical Literature			100	
22	Production of Publications			300	
23	Scholarships			2000	
24	Consultants and Speakers			-	
25	Office Supplies and Materials			100	
26	Miscellaneous Expenses			285	
	TOTAL			2885	

ACTIVITY: VII.LG.112

Place of realization: Guyana

Duration: 12 months

Date of Start: 1 July, 1978

Date of End: June 1979

Nature and Relation with Established Targets.

The activity will be carried out to achieve target 3.4.1 and 3.4.2 The training of the personnel related to the collection, estimation and processing of data will be conducted in a formal short course type and with in-service training. Also procisions are made to send one staff of the Ministry to obtain training in data processing, probably at San Jose, Costa Rica using IICA's facilities for computing and processing.

Personnel of IICA Participating

(a) Responsible: Hector R. Barreyro

(b) Others: Nicot Julien

Collaborating entities:

- Ministry of Agriculture, Statistical Bureau
- Other related agencies.

INTER-AMERICAN INSTITUTE OF AGRICULTURAL SCIENCES

DETAILED EXPENSE BY ACTIVITY

Code: VII.LG.113

Title: Up-date and publish the population area frame of Agricultural farms and produce a land use map.

Fiscal Year: 1978/1979

Code	TYPE OF EXPENSE	TOTAL US$	FUNDING		
			SBF	Quotas	
	OPERATIONAL EXPENSES				
20	Official Trips			50	
21	Technical Literature			50	
22	Production of Publications			1,000	
23	Scholarships			600	
24	Consultants and Speakers			-	
25	Office Supplies and Materials			500	
26	Miscellaneous Expenses			200	
	TOTAL			2,400	

ACTIVITY: VII.LG.113

Place of realization: Guyana

Duration: 12 months

Date of Start: 1, July 1978.

Date of End:

Nature and Relation with Established Targets.

The product of this activity will fulfill targets 3.1.2 and consist in the production of a series of maps drawn to scale, showing farms and their crop distribution; and a general land used map. These maps will be used as a basic area frame for sampling purpose and in the planning and implementation of the 1980 agricultural census. Also, and since the Research Development and Planning Division plans to organize a chartographic unit, this activity will Yield in-service training for the staff.

Personnel of IICA Participating:

(a) Responsible: Hector R. Barreyro

(b) Others: Others

Collaborating entities

Land and Survey Department and the Resource and Planning Division of the Ministry of Agriculture.

INTER-AMERICAN INSTITUTE OF AGRICULTURAL SCIENCES

DETAILED EXPENSE BY ACTIVITY

Code: VII.IG.114

Title: Situation Study of the Agricultural Planning Sub-System.

Fiscal Year: 1978/79

Code	TYPE OF EXPENSE	TOTAL US$	FUNDING		
			SBF	Quotas	
	OPERATIONAL EXPENSES				
20	Official Trips			1900	
21	Technical Literature			-	
22	Production of Publications			-	
23	Scholarships			1500	
24	Consultants and Speakers			-	
25	Office Supplies and Materials			-	
26	Miscellaneous Expenses			300	
	TOTAL			3700	

ACTIVITY: VII.LG.114

Duration: 6 months

Place of Realization: Guyana

Date of Start: July 1978

Date of End: December 1978

Nature and Relation with Established Targets.

This activity is aimed at achieving target 3.1.1 (Situation Study of the Agricultural Planning sub-system).
The Resource Development and Planning Division of the Ministry of Agriculture is responsible for sectoral planning IICA being currently engaged in activities oriented toward the strengthening of the statistical capability of this Division, it is necessary in order to foster the implementation and Institutionalization of permanent planning systems and process a situation study of the planning sub-system undertaken. This study to be carried out through interviews, review of existing literature, will provide relevant information on the existing planning process for further IICA cooperation with the Resource Development and Planning Division of the Ministry of the Ministry of Agriculture.

IICA Personnel Participating:

- Responsible: Nicot Julien
- Others: Hector R. Barreyro

Benefitting Organization:

- Ministry of Agriculture.

Collaborating Entities:

- Resource Development and Planning Division
- Ministry of Economic Development.

IV - COSTS OF PERSONNEL

PERSONAL PROFESIONAL INTERNACIONAL: COSTOS Ejercicio: 1978/79 Dirección/Centro: Guyana Financiación: Quotas/FSB

Modelo A-

No.	País Sede / Cargo	Nombre del Funcibnario	Clase-Paso	Sueldo Anual	Nº dependientes	Subsidio familiar	Nº Educandos	Subsidio Educacional	Ajuste de Sueldo por Sede de Trabajo	Plan de Retiro	Seguros: Vida	Seguros: Salud	Seguros: Accidentes	Viaje a la Patria	Reclutamiento Repatriación Traslados	TOTAL US$
	Director	Nicot Julien	4-1	17532	2	700	-	-	2295	3390	291	169	18	360	800	25555
	Agricultural Econimist	Héctor R. Barreyro	3-5	16275	4	1750	3	1140	2133	3118	291	169	18	360	800	26054
		Vacant	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Sub-Total Quota			33807	-	2450	-	1140	4428	6508	582	338	36	720	1600	51609
	Agricultural Engineer	Philip F. Robinson	2-10	15255	1	400	-	-	2007	2898	291	169	18	360	800	22198
	Farm Manager	Vacant	3-4	15853	2	700	-	-	2034	3027	291	169	18	360	800	23252
	Agronomist	Reginald E. Pierre	4-4	18918	3	1300	2	780	2457	3714	291	169	18	360	800	28807
	Sub-Total FSB			50026		2400		780	6498	9639	873	507	54	1080	2400	74257
	Grand Total			83833		4850		1920	10926	16147	1455	845	90	1800	4000	125866

DISTRIBUCION DE COSTOS DE PERSONAL POR PROGRAMA

(personal International)

		M/H	%	M/H	$	M/H	$	M/H	$	M/H	$	M/H	$
Nicot Julien		½	1065	5 ½	11710	1	2129	3	6393	2	4258		
Héctor Barreyro		–		4 ½	9771	½	1086	7	15197				
Philip Robinson	*			12	22198								
ReginaldPierre	*			12	28807								
Farm Manager	*			12	23252								
	Total	½	1065	46	95738	1½	3215	10	21590	2	4258		
	Grand Total												125866

* denotes FSB

PERSONAL AUXILIAR: Costos Ejercicio 1978/79 Dirección/Centro: GUYANA Financiación: Quota & FSB

País / Cargo	Empleado	Clase y Paso	Sueldo anual	Beneficios Sociales y Seguros						Otros		TOTAL
				Seguro Social	Asigna-ción Familiar	Hogar Constituído	Aguinaldo	Reconoc. por años de Serv.	Presta-ciones Legales	Seguro Vida		
Ex. Secretary, Ass.	Sonya de Freitas	3-1	3108	52			259			20		3439
Auxilliar Accounting	Vacant	4-8	3108	52			259			20		3439
Driver/Messenger	Mohamed A. Rashid	5-2	1884	52			157			20		2113
Watchman	Ramcharan Basdeo	S-C	1152	140			96			20		1408
Sub-Total Quota			9252	296			771			80		10399
Bilingual Secretary	June-Ann Storey	4-2	2472	52			206			20		2750
Driver	Carlton Clarke	5-1	1812	52			151			20		2035
Driver	Vacant	5-1	1812	52			151			20		2035
Sub-Total	Simon Bolivar Fund		6096	156			508			60		6820
Grand Total			15348	452			1279			140		17219

DISTRIBUCION DE COSTOS DE PERSONAL POR PROGRAMA (Servicios Generales)

	I.B.LG. 1		IV.A.LG. 1		VI.B.LG. 1		VII.A.	
	M/H	$	M/H	$	M/H	$	M/H	$
Executive Secretary Asst.	3	859	3	860	3	860	3	860
Auxilliar Acct.	3	859	3	860	3	860	3	860
Bilingual Secretary	½	115	10	2290	½	115	1	230
Driver/ Messenger	3	528	3	528	3	528	3	529
Driver	-		12	2035	-		-	
Driver	-		12	2035	-		-	
Watchman	3	352	3	352	3	352	3	352
Total		2713		8960		2715		2831
Grand Total		17219						

FECHA DE DEVOLUCION
