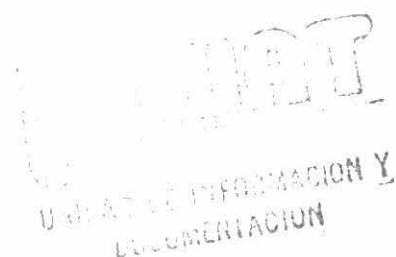


**Project SN-2**  
**2001 Annual Report**

October 2001



**“Partnerships for Agricultural Research  
and Development”**

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## **Overview of Project SN-2**

### ***Title***

“Linkages with NARS: Enhancing Private and Public Linkages for Agricultural Research and Development”

### ***Objective***

To help increase the effectiveness of national, regional, and global agricultural research and development systems by building partnerships, sharing information, developing human resources, and promoting collaboration between countries and institutions.

### ***Outputs***

The major outputs expected include:

- Local and regional consortia and networks that integrate the R&D plans of private and public sectors for selected commodities and agroecosystems.
- Trained national program personnel.
- Global agricultural R&D networks for sharing information, prioritizing research issues, and promoting horizontal collaboration.
- Regional agricultural research projects identified and formulated in cooperation with NARS.

### ***Gains***

Information exchange, sharing of results, and research prioritization will lead to more effective and efficient use of the human and financial resources dedicated to agricultural R&D. Farmers, processors, and consumers will have better and quicker access to new knowledge, research tools and methodologies, and technology components.

### ***Milestones to Reach in 2001-2003***

- Continued implementation of a training strategy, which contributes to the integration of agricultural research agendas and rural development projects within the NARS.
- Institutional information and documentation services will be supplied through modern electronic systems, which have been developed in cooperation with NARS and other CGIAR centers.

- The international community—research partners, donors, and NARS—will be informed of CIAT’s institutional mission, research capacities, and available research outputs through the implementation of a communications and public awareness strategy.
- An institutional consultation mechanism will allow CIAT to be an active and proactive partner in the formulation and implementation of the most important research and development projects developed in the different ecoregions of Latin America, Africa, and Asia.

### ***Users***

- Direct beneficiaries include developing country institutions (both public and private) engaged in research and development related to CIAT’s mandated responsibilities.
- International and regional organizations.
- Developed-country agencies that dedicate resources to basic and applied research and to technical cooperation in developing countries.
- Donors that finance bilateral and multilateral R&D activities.

### ***Collaborators***

- Public and private-sector institutions involved in agricultural R&D, principally in Latin America but also in Asia and Africa, for consortium and network development, training, and communications.
- Specialized research institutes in both developed and developing countries.
- CIAT’s donors.
- IARCs collaborating with CIAT projects.

### ***CGIAR System Linkages***

Strengthening NARS (i.e., Training, Information, Organization and Management, and Networks) (100%).

### ***CIAT Project Linkages***

- Coordinate training activities and conferences carried out by all other research projects at CIAT.
- Coordinate joint resource mobilization efforts of CIAT projects and NARS oriented toward strengthening NARS.

## Log Frame

**Area: Regional Cooperation**

**Manager: Rafael Posada**

Narrative summary	Measurable indicators	Means of verification	Important assumptions
<p><b>Goal</b> Knowledge and expertise for enhancing performance of decision making in agricultural and development sectors are made accessible to appropriate users.</p>	<p>Improved performance of NARS and regional programs.</p>	<ul style="list-style-type: none"> <li>• Impact studies by CIAT and partners.</li> <li>• NARS technical reports.</li> </ul>	
<p><b>Purposes</b> To transfer and encourage adoption of deliverable research outputs, facilitated by consultation with all partners strengthening NARS; develop public awareness strategies; and set up training, documentation, and information activities.</p>	<ul style="list-style-type: none"> <li>• Adoption of CIAT's deliverable outputs.</li> <li>• Recognition of the contribution and impact of CIAT's research.</li> </ul>	<ul style="list-style-type: none"> <li>• NARS technical reports.</li> <li>• Donor publications and public recognition.</li> </ul>	<p>NARS willing to adopt CIAT's outputs.</p>
<p><b>Outputs</b></p> <ol style="list-style-type: none"> <li>1. Institutional cooperation strategy in place.</li> <li>2. Strengthening of relationships with key regional programs, CGIAR members, NGOs, research institutes, and universities.</li> <li>3. Information routinely available to NARS.</li> <li>4. Document collections and databases established.</li> <li>5. Electronic delivery and publishing methods in place.</li> <li>6. Technical and promotional materials developed.</li> <li>7. Implementation of a training strategy.</li> </ol>	<ul style="list-style-type: none"> <li>• Fulfillment of the commitments set in annual work plans and responsibility performance agreements.</li> <li>• Publications of technical and scientific materials.</li> <li>• Number of consultations and reference distribution.</li> <li>• Number of training and conference events.</li> <li>• Number of agreements for current activities.</li> <li>• NARS use CIAT's research agendas and deliverable outputs.</li> <li>• CIAT research projects' increased awareness of agricultural sector's needs.</li> </ul>	<ul style="list-style-type: none"> <li>• Staff annual evaluations.</li> <li>• Directorship annual reports.</li> <li>• CIAT's active participation in major regional planning, priority setting, and negotiation events.</li> <li>• CIAT's participation in major regional agricultural research initiatives.</li> </ul>	<p>CIAT's deliverable outputs are available.</p>

## Introduction

Project SN-2 is a support, rather than a research, project. The Technical Advisory Committee (TAC) of the CGIAR requires that all activities related to collaboration and cooperation aimed at strengthening national agricultural research systems (NARS) be reported as a single activity. CIAT, in accordance with its internal project organization, has grouped such activities under Project SN-2, "Linkages with NARS: enhancing private and public linkages for agricultural research and development."

As stated under objective in the project overview, the different components of the project are designed to facilitate the interactions and relationships between CIAT research projects and their counterparts in the NARS. Four major instruments are being used to reach this goal:

- *The Office of the Directorate for Regional Cooperation* coordinates Project SN-2. Its major responsibility is to monitor the demands and needs of agricultural research and rural development partners in Latin America, Africa, and Asia. The Directorate also coordinates and monitors the agreements and letters of understanding for cooperation that are signed by CIAT and its partners. The research projects themselves execute and implement these agreements and letters of understanding.
- *The Communications Unit* helps CIAT research projects communicate their research results, accomplishments, and challenges to the donor community, NARS decision makers, and research peers. Both print and electronic media are used to reach this objective. The Unit also maintains an aggressive public awareness campaign to demonstrate CIAT's work and contributions toward poverty alleviation and the sustainable use of natural resources.
- *The Information and Documentation Unit* supports CIAT scientists and NARS researchers by providing comprehensive information services. This Unit identifies information needs; collects, organizes, and disseminates scientific and technical information; and trains users in the latest electronic techniques for information searches. The Unit also keeps abreast of new methods and technologies for improving researchers' access to information.
- *The Training and Conferences Unit* supports CIAT research projects in their technology-transfer activities. It provides logistic support for the formulation, promotion, and execution of two types of training instruments: multidisciplinary courses and specialized courses. The Unit also coordinates individual training within CIAT research projects, involving doctoral dissertations, postgraduate monographs, and short-term student practicums.

## Outputs

### 1. *Institutional Cooperation Strategy in Place*

- Within the framework defined by its Policy on Institutional Cooperation, CIAT has maintained strong relationships with its major counterparts in Africa, Asia, and Latin America. During the preparation of CIAT's 2002-2004 Midterm Plan, small groups of selected agricultural research leaders from the three continents were invited to CIAT headquarters for consultation.
- Close relationships have been maintained with Colombia, Brazil, Peru, Honduras, Nicaragua, and Haiti in Latin America; with Ethiopia, Tanzania, Kenya, Uganda, and Malawi in Africa; and with Laos and Thailand in Asia. In these countries CIAT has outposted staff, who are in charge of formulating and implementing joint research and technology-transfer projects. All of these projects are executed in close cooperation with national counterparts.
- Institutional contacts at the ministry level to elaborate and implement midterm cooperation plans have continued with Mexico and Venezuela. However, specific cooperation activities were carried out at the project level. Also, cooperation activities in the Dominican Republic were reestablished with the new Dominican National Agricultural Research System.
- Seven general agreements were reviewed and extended with IICA, CORPOICA-Colombia, CIAT-Bolivia, CENIPALMA-Colombia, Ministerio de Agricultura-Cuba, CIRAD/INRA/IRD-France, and FLAR.
- Four new general agreements were signed with the Swedish University of Agricultural Science, University of Florida-USA, Ministry of Agriculture and Forestry-Lao PDR, and Fertilizantes Colombianos S.A.
- Ambassadors from our major donors were personally updated on CIAT's research agenda and on the outputs generated by the research projects. The French, Swedish, and British ambassador visited CIAT headquarters.
- There were no new requests to accommodate research groups on CIAT's campus this year. CENIPALMA, upon completing development of its own laboratory facilities in Bogotá, closed its office at CIAT.

### 2. *Relationships with Key Regional Partners*

- Regional priority exercises to establish an agricultural regional research agenda and implement the ICW00 agreements were carried out in Africa, Asia,

and Latin America. Leadership in organizing and executing these priority exercises came from regional agricultural research networks, such as:

AARINEA: The West Asia and North Africa Region  
APAARI: The Asia Pacific Region  
CAC: The Central Asia and Caucasian Region  
FARA: The Sub-Saharan Africa Region  
FORAGRO: The Latin America and Caribbean Region

- Outposted CIAT staff actively participated in all of the programmed activities.
- Under the general agreement signed with the University of Florida, a joint concept note to create new production alternatives for the poor, mainly based on tropical fruits, has been developed and submitted to USAID.
- As an active member of the Alternatives to Slash-and-Burn Agriculture Programme (ASB), CIAT supported, with scientific and technical inputs, the elaboration of ASB concept notes and project proposals to the European Union (EU) and Global Environment Facility (GEF).
- Following approval by both the TSBF and CIAT Boards, negotiations to form a strategic alliance have been pursued, and a working group, composed of staff from both centers, has prepared a draft of the terms of reference.
- A strategic alliance with CATIE has been initiated with the participation of CIAT staff in the development of a joint research project proposal. Focusing on the recuperation of degraded pastures, the proposal was presented to NORAD. Also, conversations have been initiated for the exchange of scientists between the two institutions.
- With the collaboration of ICRAF, CIFOR, IPGRI, EMBRAPA, and other research institutions, a general cooperation strategy for sustainable agricultural and forestry development of the Amazon region was developed. The University of Quebec at Montreal, through its Amazonian Mercury Project, was invited to join the group. A presentation at the World Bank was made under the leadership of EMBRAPA and CIAT. As a follow-up to this presentation, individual project proposals will be submitted.
- CONDESAN, in close collaboration with CIAT, implemented an aggressive program to strength the operational and administrative capacity of 25 institutions working in the areas of watershed and natural resource management in Colombia, Ecuador, Peru, and Bolivia. Also, a fund for the reforestation of 1,550 hectares in 25 Peruvian and Colombian communities was created under the leadership of CONDESAN with support from the Ford



Foundation. CIAT collaboration was mainly in the areas of GIS, watershed analysis, genetic materials, and ex-ante economic evaluation.

- On behalf of the CGIAR, ICRAF and CIAT have been leading the conceptualization of the Climate Change Global Challenge Program.
- Under the “Convenio Especial de Cooperación Técnica 071” with CIAT’s host country, Colombia, a special effort was made in 2001 to deliver specific research outputs. Improved maize and cassava varieties for the Eastern Plains, where this cooperation is mainly focused, were officially released by the Ministry. In addition, six training courses were offered in the region.
- Upon request from the Colombian Ministry of Agriculture and Rural Development, a proposed national tropical fruit strategy was developed. A nationwide consultation was carried out with the different potential stakeholders within the most relevant agroindustry food chains. The proposal was presented to and endorsed by the Ministry.
- Presentations on CIAT’s Strategic Plan for 2001-2010 were made to national partners in Colombia, Venezuela, Brazil, the Dominican Republic, and Peru.
- The Information and Documentation Unit (IDU) is actively participating in a number of projects at the CGIAR, national, regional, and global levels. At the *CGIAR level*, the IDU has participated in the Global Knowledge Sharing workshop and has been involved in a number of follow-up projects aimed at sharing information resources and saving limited financial resources. At the *national level*, IDU staff have actively participated in RIDAC, the Colombian network of agricultural information specialists, a platform that allows for the compilation of Colombian information resources, integration of databases, exchange of documents, and sharing of knowledge and expertise. At the *regional level*, CIAT has actively supported and collaborated with SIDALC, the Latin American information and documentation system (supported by the Kellogg Foundation). At the *global level*, CIAT has intensified its collaboration with FAO, participating in a number of joint projects, such as the CGIAR Information Finder, the enhancement of the controlled agricultural vocabulary (thesaurus AGROVOC) and the Consortium for Capacity Building in Information Management (in collaboration with IICA, CATIE, and REDCAPA and coordinated by FAO). CIAT has also continued its participation in the AGRIS system, submitting its bibliographic records and promoting AGRIS methodology and other international standards for textual database applications. Together with the World Health Organization (WHO), CIAT has started an initiative to make scientific journals freely available to selected institutions in the lowest income countries and has invited others to participate in this important initiative (FAO, World Bank, Rockefeller Foundation, and Cornell University).

### **3. Information Routinely Available to NARS and Other Users**

- The Communications Unit distributed nearly 13,493 copies of various free periodical publications, mainly *CIAT in Perspective* (our corporate annual report) and *Growing Affinities* (our biannual institutional bulletin), including both the English and Spanish editions. We also sold about 4,265 copies of CIAT technical books, generating US\$21,747 in income, which defrayed the costs of printing and shipping publications.
- The Information and Documentation Unit (IDU) has redesigned its web site, according to the new standards of CIAT. This new structure will allow internal and external users to locate relevant reference points of information in a faster and more efficient way.
- IDU has considerably increased the access to full-text information via its electronic catalogue as well as via online scientific journals. Currently over 1,500 catalog records carry online links to full texts. Headquarter users can access over 150 scientific journals in both formats, print and online. In addition, we are continuously adding links to freely available online journals so that also non-headquarter staff and NARS collaborators can benefit.

### **4. Document Collections, Services, and Databases**

- The Information and Documentation Unit (IDU) carried out an inventory of all existing Library collections (General, Reference, Monographic Series, specialized document collections on cassava, beans, and tropical pastures) to ensure the availability of all documents.
- An electronic table-of-contents service has been offered to scientific and professional staff at headquarters as well as at outposted offices. This new service has been enthusiastically embraced by many staff members.
- CIAT's Catalog has grown by nearly 3,000 records over the past year.
- Over 7,000 information requests on diverse agricultural-related topics were answered. An increasing number of requests is now being received and also answered via electronic media.
- CIAT has submitted 570 bibliographic records of its own intellectual production to the AGRIS database.
- IDU has submitted its CATALOG and SERIALS database as well as some other special databases to the SIDALC. In addition, IDU has submitted an updated version of all its serials holdings to a CGIAR-wide Union Catalog of Serials, which will greatly enhance the sharing of resources among CG centers

## 5. *Electronic Delivery and Publishing Methods in Place*

- The Information and Documentation Unit (IDU) has continued with its very active document delivery services and has dispatched/received close to 850 electronic documents using the software package ARIEL.
- In the closing months of 2000, the Communications Unit embarked on a major effort to redesign and restructure CIAT's Web site. The current site is little more than an electronic CIAT brochure, of interest mainly to persons specifically seeking information about the Center's work. Our ambition is to replace this with a more dynamic site that greatly facilitates access to the R&D products of CIAT's work as well as interaction between users of these products and the scientists who develop them. The centerpiece of the new site is a CIAT product database that we can easily update and that users can search by theme or product name. We expect to launch the new site toward the end of November 2001.

To guarantee adequate coordination and technical backstopping of this initiative, the Communications Unit continued to participate actively in CIAT's Web Support Group with staff from IDU and the Information Systems Unit (ISU).

- Last year CIAT embarked on a 3-year initiative, called InforCauca, to support the development of three community telecenters in southwestern Colombia's Cauca Department. Telecenters are public facilities whose purpose is to democratize access to new information and communications technologies (ICTs), particularly Internet, in marginalized communities. It is hypothesized that, by doing so, the telecenters can facilitate the efforts of local organizations and of individuals to foment sustainable development. Funded by Canada's International Development Research Centre (IDRC), this initiative is being executed jointly by CIAT and the Corporación Universitaria Autónoma de Occidente (CUAO), together with various community organizations.

By the end of 2000, the project had established relationships with local partner organizations, and the three telecenters had been set up and were being operated by trained personnel. In 2001 project staff have concentrated on three main tasks. First, they have carried the training program beyond basic courses in standard computer software. It now involves personalized support in Web publishing, development of information applications relevant to local communities, and telecenter management. Second, the project has further strengthened and expanded InforCauca's institutional alliances, making adjustments where necessary and linking the project to national and regional telecenter networks. And third, project staff have helped local partners define and implement a development model for each telecenter—one that is specifically suited to the organizational context and surrounding community.

- To reinforce InforCauca's research component, the Communications Unit launched a complementary 3-year project, called *Evaluating and Enhancing the Impact of Community Telecenters*, with funding from the Rockefeller Foundation's Communications and Food Security Programs. A Master's degree-level economist was hired to carry out research under the supervision of CIAT's Impact Assessment Project. By October 2001 she had designed and was implementing a telecenter monitoring and evaluation system, based on periodic surveys of telecenter users and local communities.

The Rockefeller-supported project is also funding an initiative in Cauca Department to develop an on-line information system—linked to informal information-sharing mechanisms in rural communities—that is designed to support rural agroenterprise development.

## 6. **Technical and Promotional Materials Developed**

- Three major technical books, including two on important aspects of the tropical American savannas, were published over the last year, a quite modest level compared with our output during the 1990s. Even so, three other major titles, including lengthy reference works on cassava and tropical fruits, were in process and will be published by the end of 2001. Three issues of the journal *Pasturas Tropicales* were also published.
- An issue of CIAT's institutional newsletter, *Growing Affinities*, was published for distribution at the last midterm meeting of the CGIAR, held at Durban, South Africa. The issue dealt almost entirely with CIAT's work and new strategy in Africa.

The Center's corporate annual report, *CIAT in Perspective 1999-2000: Getting the Better of Global Change*, was published in October, in time for distribution to donors and others at the General Annual Meeting (AGM) of the CGIAR in Washington, DC. The centerpiece of the report is a series of three essays demonstrating how CIAT research is addressing global developments—climate change, pest problems, and economic globalization—that present small farmers with both threats and opportunities. The report also includes a brief summary of the Center's new strategic plan, an update on assessment of the impact of CIAT research, and a dozen or so R&D highlight articles.

- A thoroughly revised version of CIAT's institutional brochure (formerly *This is CIAT* but now called *CIAT in Synthesis*) was also published in time for distribution at the AGM.
- In addition, the Unit developed several brochures on specific themes, including CIAT's work in Africa, a new initiative to improve the micronutrient content of staple crops, and Center research that is relevant to global climate change.

- CIAT's activities were mentioned in at least 87 articles in the print media of its host country, including major dailies such as *El Tiempo*, *El Espectador*, and *El País*; the high-profile magazine *Semana*; as well as specialized media such as the Web site of FINAGRO, a government organization that supports agriculture. Because these articles were those that could be recovered, the actual number may have been higher. This is especially so if we include other Latin American countries, where it is more difficult for us to obtain clippings. We know that articles on CIAT's work were published in Mexico, Nicaragua, and Paraguay, but there were no doubt more that never came to our attention. All these articles were largely the products of 10 press releases prepared by the Communications Unit over the last year, reinforced by personal contact with journalists.

CIAT's work also received some coverage in developed country media. An article published in the science section of *The New York Times* and a US National Public Radio interview with Center directors dealt with CIAT's efforts to reverse the patent obtained by a U.S. seed company on yellow beans originating in Mexico.

- In addition, with Future Harvest we planned the development of a story about emergency distribution of cassava clones resistant to the cassava mosaic disease in eastern Africa. This work was carried out by IITA and national partners within the framework of the CIAT-coordinated Global Whitefly IPM project. Media promotion of the story is scheduled for late 2001.
- The Communications Unit actively supported the development of a book on the impact of agricultural R&D involving CIAT and other Future Harvest centers in Latin America. To be entitled *From the Rural Heart of Latin America*, the book is being prepared by Ebbe Schiøler (formerly of Danida), as a follow-up to his successful book *Good News from Africa*. CIAT proposed story topics for the book and arranged for Ebbe's travel to cover them. The head of the Unit accompanied Ebbe on his trip to Central America and drafted some text for the book.
- Finally, the Unit developed a lengthy article on CIAT's R&D work in tropical American hillsides upon request from an educational magazine called *The World and I*, which is published by the Washington Times Corporation. The article is scheduled for publication in February 2002.

## **7. Formal and Nonformal Training Carried Out**

- Close to 600 visitors received orientation on the services and resources available at CIAT. Database demonstrations were organized for close to 40 visitors.



- Special information management training was provided for an employee of CARDI.
- IDU staff have helped several CIAT Projects organize their special document collections through the use of a text-management package (ENDNOTE) and apply text management standards, such as AGRIS methodology.
- Training of researches at CIAT continued, ranging from reactive to impact-oriented identification and selection of trainees; from introductory to specialized research training; and from supply-driven to demand-led training.
  - i. A total of 669 professionals at the graduate level and 29 at the undergraduate level were trained at CIAT headquarters and at other sites from November 2000 to October 2001. Of these, 625 were from Latin America, 29 from developed countries, and 15 from Asia and Africa. Women accounted for 33 percent of the total number of professionals trained at CIAT.

The distribution by training category is as following:

Specialized courses: 516  
 Students in practicum: 39  
 Specialization: 87  
 MSc theses: 11  
 PhD dissertations: 16  
 Undergraduate theses: 29

- ii. During this period, 17 specialized courses were held at CIAT headquarters and other sites in the areas of rice, forages, cassava, GIS, participatory research, and soils (Table 1, Appendix 4).
- iii. In-country courses were held in Haiti, Honduras, and the Dominican Republic in the areas of crop production, participatory research, and rice breeding and pathology, respectively.
- iv. The bean project in Africa held six training courses in the areas of soil quality, agroenterprises, pathology, and production systems; 101 professionals participated in these courses.
- v. Colombia had the largest number of trainees, followed by Haiti and Nicaragua. The Ministry of Agriculture of Colombia financed 10 specialized courses in the areas of GIS (5), cassava (2), forages (1), rice (1), and soil management (1).

- vi. As in previous years, the NARS continued making significant financial contributions to cover the direct costs of participants receiving training at CIAT.
- vii. Training in the areas of GIS, participatory research, cassava, and biotechnology are of highest priority for NARS, followed by tropical forages and rice.
- viii. The demand for training at CIAT is increasing year after year. Some countries, notably Haiti and the Dominican Republic, have requested the development of a national training program for improving their human resources in agricultural research and development.
- ix. Specific training courses at the regional and national levels have been requested for the year 2002 by PROCITROPICOS, the International University for the Tropics, and the Ministry of Agriculture of Haiti. Programs for these courses are under development.
- x. The Training Unit is developing an educational approach based on instructional modules in the areas of administration, human resources, communications, information and documentation, GIS, and project design. These modules will be offered to visiting researchers working towards master's and doctoral degrees.

The modules will be a component of an integrated educational approach designed to provide knowledge and experience on topics related to international agricultural research.

- xi. Young Colombian researchers continued to receive valuable training at CIAT through the program of undergraduate thesis research. This year a total of 29 students completed their undergraduate thesis research.
- The Conferences Unit supported 10 major events (Table 2, Appendix 4).
  - The Visitors Office attended to 1,718 visitors at CIAT headquarters during the reporting period. About 52 percent were university students and faculty members from developed and developing countries; 30 percent were scientists from international organizations; and 18 percent were from Colombian national organizations.

## **Staff of the Office of the Directorate for Regional Cooperation**

Rafael Posada	Director and Project Manager
Yolanda Rincón	Bilingual Secretary

### ***Communications Unit and Its Graphic Arts Section***

#### *General Office*

Nathan Russell	Head
Alberto García	Administrative Assistant
Rebeca Bolaños	Secretary
Francisco Motta	Editor (Spanish)
Gladys Rodríguez	Editorial Assistant
Lynn Menéndez	Translator
Eduardo Figueroa	Journalist
Simone Staiger-Rivas	Web Producer
Silvia Andrea Pérez	Communications Assistant
Henry Marín	Publications Distribution Clerk

#### *Graphic Arts Section*

Julio César Martínez	Supervisor and Senior Designer
Isabel Díaz	Secretary
Camilo Oliveros	Designer
Oscar Idárraga	Designer
Jorge Gallego	Web Site Designer
Mario Holguín	Print Shop Supervisor
Neydú Arias	Print Shop Assistant
Juan Carlos Quintana	Photographer

### ***Information and Documentation Unit***

Edith Hesse	Head
Mariano Mejía	Public Services Coordinator
Carlos Saa	Information Systems Coordinator
Zulma Piñeros	Documentalist
Marleny Sáenz	Cataloger
Jairo Sandoval	Acquisitions
Fernando Monroy	Serials
Olga Lucía González	Reference Desk
Rommel Durán	Public Service
María Eugenia Reyes	Document Delivery Service



***Training and Conferences Unit***

Alfredo Caldas	Coordinator, Scientific Training
Marcela Oliveros	Administrative Assistant
David Salgado	Administrative Auxiliary
Patricia Fajardo	Administrative Assistant, Conferences and Visitors' Office
César Otero	Audiovisuals Technician
Oscar Jair Osorio	Audiovisuals Technician
Guillermo Saavedra	Auxiliary, Visitors' Office

## Appendix 1

### Agreements and Letters of Understanding

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Code: CF-A.3.B.23.79 (207)  
Title: *Convenio CIAT FLAR 2001-2005*  
Signatories: Joachim Voss and Luis R. Sanint  
Place: CIAT  
Dates in force: 1 January 2001 to 31 December 2005  
Country: Colombia

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Code: CF-A.3.C.6.1 (208)  
Title: *Memorandum of Understanding between CIAT and the Swedish University of Agricultural Sciences*  
Signatories: Jesús A. Cuéllar and Lennart Prege  
Place: Swedish University of Agricultural Sciences  
Dates in force: 8 January 2001 to 8 January 2006  
Country: Sweden

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Code: CF-A.3.B.21.3 (209)  
Title: *Acuerdo de Cooperación between Centro Internacional de Agricultura Tropical (CIAT-Colombia) and Centro de Investigación Agrícola Tropical (CIAT-Bolivia)*  
Signatories: Joachim Voss and César Samur Rivero  
Place: CIAT  
Dates in force: 7 February 2001 to 7 February 2005  
Country: Bolivia

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Code: CF-A.2.28 (210)  
Title: *Carta de Entendimiento para el Desarrollo de una Investigación sobre Sistemas Agroalimentarios Localizados (SIAL) between Instituto Interamericano de Cooperación para la Agricultura (IICA), Centro de Cooperación Internacional en Investigación Agrícola para el Desarrollo-Departamento Territorio, Actores y Medio Ambiente (CIRAD-TERA), and CIAT*  
Signatories: Rupert Best, Luis Ampuero Ramos, and Rolland Guis  
Place: IICA, CIRAD-TERA  
Dates in force: 14 March 2001 to 14 March 2003  
Country: Peru

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Code: CF-A.3.A.1.11 (211)  
Title: *Cooperative Agreement* by and between CIAT and the University of Florida  
Signatories: Joachim Voss and Michael V. Martin  
Place: University of Florida  
Dates in force: April 2001 to 20 March 2006  
Country: USA

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Code: CF-A.3.C.7.1 (212)  
Title: *Memorando de Entendimiento* between Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA) and CIAT  
Signatories: Rafael Posada and Adolfo Cazorla Montero  
Place: INIA  
Dates in force: 11 April 2001 to 11 April 2005  
Country: Spain

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Code: CF-A.3.B.29.2 (213)  
Title: *Convenio de Vinculación Tecnológica para Llevar a Cabo el Proyecto "Desarrollo de Germoplasma de Arroz de Amplia Base Genética para el Uruguay"* between Fondo de Promoción de Tecnología Agropecuaria (FLAR) and Instituto Nacional de Investigación Agropecuaria (INIA)  
Signatories: Luis R. Sanint and Pedro Bonino Garmendia  
Place: INIA  
Dates in force: 10 May 2001 to 10 May 2005  
Country: Uruguay

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Code: CF-A.3.B.23.80 (214)  
Title: *Carta de Entendimiento Puntos Básicos para el Desarrollo de Actividades de Investigación del Centro Internacional de Agricultura Tropical (CIAT) en el Centro Nacional de Investigaciones Agropecuarias - Carimagua*  
Signatories: Aart van Schoonhoven and Alvaro Francisco Uribe Calad  
Place: CORPOICA  
Dates in force: 17 May 2001 to 5 August 2003  
Country: Colombia

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Code: CF-A.2.29 (215)  
Title: *Modificación 01 al Convenio Especial de Cooperación entre el CIAT y el IICA - Contrato 063 MADR-PRONATTA-Convenio 004/2000 IICA-CIAT*  
Signatories: Joachim Voss and Fabio Bermúdez Gómez  
Place: IICA  
Dates in force: 2 November 2000 to 31 December 2001  
Country: Colombia

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Code: CF-A.3.C.2.5 (216)  
Title: *Framework Agreement for Cooperation between Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD), Institut de la Recherche Agronomique (INRA), Institut de Recherche pour le Développement (IRD), and CIAT*  
Signatories: Joachim Voss, Bernad Bachelier, Marion Guillou, and Jean-Pierre Muller  
Place: CIRAD, INRA, IRD  
Dates in force: 14 June 2001 to 14 June 2006  
Country: France

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Code: CF-A.3.B.23.81 (217)  
Title: *Carta de Entendimiento No. 006 Cenipalma-CIAT para Desarrollar el Proyecto "Investigación sobre Etiología, Epidemiología y Control de la Mancha Anular de la Palma de Aceite de la Zona Occidental de Colombia Productora de Palma de Aceite"*  
Signatories: Francisco Morales and Pedro León Gómez  
Place: Cenipalma  
Dates in force: 6 March 2000 to 6 March 2002  
Country: Colombia

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Code: CF-3.E.6.1 (218)  
Title: *Memorandum of Understanding for Cooperation between the Ministry of Agriculture and Forestry, Lao PDR, and CIAT*  
Signatories: Joachim Voss and Phouvieng Latdavong  
Place: Ministry for Agriculture and Forestry  
Dates in force: 25 May 2001 to 25 May 2006  
Country: Lao PDR

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Code: CF-A.3.B.23.82 (219)  
Title: *Convenio de Cooperación* between CIAT and Fertilizantes Colombianos S.A. (Ferticol)  
Signatories: Rafael Posada and Eduardo Salazar Sánchez  
Place: Ferticol  
Dates in force: 8 October 2001 to 8 October 2004  
Country: Colombia

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Code: CF-A.3.B.2.2 (220]  
Title: *Memorandum de Entendimiento* between Ministerio de la Agricultura de la República de Cuba (MINAGRI) and CIAT  
Signatories: Joachim Voss and Alfredo Gutiérrez Yanis  
Place: MINAGRI  
Dates in force: 3 October 2001 Indefinite  
Country: Cuba

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## Appendix 2

### Technical and Scientific Publications

#### ***Publications from November 2000 to October 2001***

- *Manuals*

Almidón agrario de yuca en Colombia, Tomo 2. Planta procesadora: Descripción y planos de los equipos/Amidon aigre de manioc en Colombie, Tome 2. Unité de production: Description et plans des équipements/Cassava sour starch in Colombia, Volume 2. Processing plant: Description, plans, and layout

- *Monographs*

Agroecología y biodiversidad de las sabanas en los Llanos Orientales de Colombia

Nature's plow: Soil macroinvertebrate communities in the neotropical savannas of Colombia

- *Serials*

August 2000: Pasturas Tropicales 22(2)

December 2000: Pasturas Tropicales 22(3)

April 2001: Pasturas Tropicales 23(1)

#### ***Publications in Press as of October 2001***

- *Manuals*

La yuca en el tercer milenio

Proyecto de recopilación de protocolos de cría y manejo

- *Monographs*

Agropastoral systems for the Latin American savannas

Historia y dispersión de los frutales nativos del neotrópico

Invirtiendo en los agricultores como investigadores: Experiencia de los Comités de Investigación Agrícola Local en América Latina

- *Serials*

August 2001: Pasturas Tropicales 23(2)

## Appendix 3

### CIAT Library Activities

#### ***Publications Exhibits on the Following Topics***

Integrated pest management  
Sustainable agriculture and natural resource management  
Statistics in agricultural, biological, and social sciences  
Nutritional value and vegetal food uses  
Indigenous knowledge  
Vegetal product processing  
Production and management of tropical fruits  
Scholarships in the Netherlands  
Biology and control of pests and insects

#### ***Library Web Site***

[www.ciat.cgiar.org/library](http://www.ciat.cgiar.org/library)

#### ***Library Databases***

CATAL	CIAT's bibliographic database, containing close to 100,000 records—searches can be done in either Spanish or English
SERIAD	CIAT's holdings of 3,568 journals (i.e., serials)
CASSAVA	Bibliographic database on cassava, containing 13,000 references
BEANS	Bibliographic database on beans, containing 15,000 references
TROP. FORAGES	Bibliographic database, containing 9,000 references
GREYLIT	Database, Management of Natural Resources - Grey Literature, containing 20,000 records from tropical America

#### ***Other Electronic Information Resources***

AGRICOLA  
AGRIS  
AIDA  
BIOSIS  
CAB ABSTRACTS  
CAB-DIRECT  
FSTA  
TROPAG  
Food and Human Nutrition  
TROPILECHE

SINGER  
DIALOG  
INTERNET  
Journal Storage (JSTOR)  
High Wire Press  
EBSCO Host  
EBSCO Online  
OCLC—FirstSearch

***Other Services***

Book loans  
Access to electronic journals  
Specialized searches  
Paper photocopies  
Electronic document delivery  
Electronic tables-of-contents services  
Acquisitions of books and photocopies  
Specialized bibliographies  
Exchange agreements  
Orientation and training in information management



## Appendix 4

### Scientific Training, Conferences, and Visitors

Table 1. Specialized courses held at CIAT headquarters and at other sites from November 2000 to October 2001.

Event	Dates	Location	Participants (no.)
Modern Systems for Cassava Production and Processing	23 Oct-10 Nov/2000	CIAT	25
Methodologies and Tools for the Development of a Municipal Territorial Plan	14-18 Nov/2000	Bucaramanga, Colombia	22
Methodologies and Tools for the Development of a Municipal Territorial Plan	11-15 Dec/2000	Cúcuta, Colombia	11
Process for Diffusion of CIAT Methodology and Development of Second Order Organizations	19-23 Feb/2001	CIAT	15
Methodologies and Tools for the Development of a Municipal Territorial Plan	26 Feb-3 Mar/2001	Quibdó, Colombia	19
Methodologies and Tools for the Development of a Municipal Territorial Plan	23-27 Apr/2001-	San José del Guaviaré, Colombia	17
Agronomic Management and Postharvest of Cassava	24-26 Apr/2001	Villavicencio, Colombia	36
Research Findings in Tropical Forages for the Eastern Plains of Colombia	5-6 June/2001	Villavicencio, Colombia	75

(Continued)

Table 1. (Continued.)

Event	Dates	Location	Participants (no.)
Tropical Crops Production	11-29 June/2001	Universite Americaine Les Cayes, Haiti	28
Participatory Methods and Techniques for on Farm Research	26-29 June/2001	CIAT	25
New Concepts for Soil Management in the Eastern Plains of Colombia	9-13 July/2001	Villavicencio, Colombia	83
Satellite Image Processing (SPRING)	9-13 July/2001	CIAT	17
Modular Systems for Production, Processing and Utilization of Cassava	6, 13, and 27 July- 3, 10, and 17 Aug/2001	Buga, Colombia	15
Methodologies and Tools for the Development of a Municipal Territorial Plan	15-17 Aug/2001	Villavicencio, Colombia	22
Participatory Methodologies of Interaction with Community Organizations	3-7 Sept/2001	CIAT	17
Participatory Research: Monitoring and Evaluation	1-5 Oct/2001	Yoro, Honduras	21
Integrated Management for Rice Production	17-19 Oct/2001	Villavicencio, Colombia	73

Table 2. CIAT conferences held during 2001.

Title	Venue (Number of participants)	Project	Objectives	Dates
CIAT-CIP-CONDESAN/CIID Interagency Coordination Meeting on Agroindustry and Market Development	CIAT (9)	Rural Agroenterprises Project	To consolidate the philosophical framework (ideological-theoretical) and instrumental (methodology, operational) of CIP/CONDESAN and CIAT projects aimed at the evaluation of the first phase and planning of a second phase.	24-26 January
Novel Plant Breeding Approaches to Fight Micronutrient Deficiencies. An Exploratory Workshop	CIAT (27)	Projects Office	To present to a potential donor the feasibility of implementing an improvement approach as a strategy to struggle against micronutrient deficiencies affecting poor people in the tropics.	29-30 January
Delivering Sustainable Solutions to Hidden Hunger: Staple Crop Biofortification to Combat Micronutrient Deficiency. A Proposal Planning Workshop	CIAT (30)	Projects Office	To reach an agreement with other CGIAR centers and stakeholders on a work plan and scheme for a proposal to improve the nutritional value of multiple crops to alleviate micronutritional deficiencies affecting poor people worldwide.	28-30 March
CIAT Amazon Strategy Meeting: A Vision for the Future	CIAT (19)	Administration	To development of CIAT's research strategy for the Amazon.	9-11 April

(Continued)

Table 2. (Continued.)

Title	Venue (Number of participants)	Project	Objectives	Dates
2nd International Meeting of the Central American Geographic Information Project (PROCIG )	Cartagena, Colombia [27 Central Americans (from Panama, Costa Rica, Nicaragua, Honduras, El Salvador, Guatemala, Belize) including seven directors of the National Geographic Institutes and the principal GIS scientists from the Ministries of Environment, Agriculture, Statistics, and Census]	Land Management	<p>To share results of country-level work to develop information products for sustainable development in Central America;</p> <p>To share information on the development of spatial data infrastructures in Central America;</p> <p>To attend parallel meeting on Global Spatial Data Infrastructures (GSDI-CIAT served on the local organizing committee for the GSDI meeting, attended by approximately 250 people from 40 countries worldwide; and</p> <p>To plan new initiatives for the future.</p>	18-26 May
CIO-CIAT Planning Meeting 2001-2003	CIAT (25)	Administration	Meeting with French scientists to participate in planning collaborative research work with France.	12-15 June
CIAT Expert Panel on Use of GIS for Decision Support	CIAT (20)	Land Use	<p>To provide guidance to CIAT management to the future requirements for community-based decision support with respect to the overall strategy of CIAT;</p> <p>To advise CIAT of the current capacity and needs in this area, taking into account the balance between strategic and tactical research; and</p> <p>To advise CIAT managers of the suitability of current organizational structures to provide strong leadership and prevent fragmentation of research effort.</p>	23-25 June

Table 2. (Continued.)

Title	Venue (Number of participants)	Project	Objectives	Dates
SWNM Meeting	CIAT (20)	Soils	<p>To define a unifying theme for the SWNM Program; and</p> <p>To prepare a concept note for a SWNM challenge program.</p>	25-26 August
International Workshop on Land Management for Sustainable Agriculture	CIAT (96)	Natural Resources	<p>To provide a forum for the exchange, publication, and dissemination of innovative scientific work-in progress on INRM;</p> <p>To promote inter-institutional collaboration on INRM themes which can benefit from better coordination, cross-site comparison, or increased critical mass for example;</p> <p>To review the pros and cons of different approaches to organizing INRM research and identify an organizing framework with the potential to increase synergy and complementarity among Centers and their partners for INRM; and</p> <p>To produce a short briefing note on organizing INRM research for donors and partners.</p>	28-31 August
Assessing the Benefits of Rural Women Participation in Natural Resource Management Research Workshop	CIAT (20, tentative)	PRGA	To exchange of experiences, methodologies, and findings of their case studies and development of a proposal for a second phase of the research.	13-17 November

