



EMPRESA BRASILEIRA DE PESQUISA AGROPECUÁRIA-EMBRAPA
Attached to the Ministry of Agriculture

COOPERATIVE SYSTEM OF AGRICULTURAL RESEARCH



Department of Diffusion of Technology

Brazil, Brazil

Cooperative system of

1983

FL - 00350

1983



4701 - 1



EMPRESA BRASILEIRA DE PESQUISA AGROPECUÁRIA - EMBRAPA
Attached to the Ministry of Agriculture



**COOPERATIVE SYSTEM
OF AGRICULTURAL RESEARCH**

Department of Diffusion of Technology
Brasília, Brazil
1983

EMBRAPA - DDT. Documentos, 13

(Fusion of Series EMBRAPA-DID. Documentos and EMBRAPA-DDT. Documentos).

Copies of this publication may be requested from the

Department of Diffusion of Technology - DDT

Super Center Venâncio 2.000 - 2.^o subsolo

Caixa Postal 04.0315

70333 - Brasília, Brazil

Telex: 061. 1620

061.1524

Telephone: (061) 226-4417

Issue: 300 copies

Brazilian Corporation for Agricultural Research, Brasília, DF.

Cooperative system of agricultural research. Brasília, EMBRAPA-DDT. 1983.

10 p. (EMBRAPA-DDT. Documentos, 13).

1. Agriculture-Research. 2. Agriculture-Cooperative system. I. Title. II. Series.

CDD 630.72

COOPERATIVE SYSTEM OF AGRICULTURAL RESEARCH

The Brazilian Agricultural Research Corporation – EMBRAPA – was created for the purpose of coordinating and promoting agricultural research throughout Brazil. Basically, this program consists in developing new technologies that may bring changes to the agricultural production process, while also supporting government objectives.

EMBRAPA is a public enterprise, attached to the Ministry of Agriculture. It enjoys financial and administrative autonomy, and judicial personality of private law. It was created on December 7, 1972, by Law n.º 5,851, and initiated its activities on April 26, 1973, taking over the activities of the former National Department of Agricultural Research (DNPEA).

Through the Cooperative System of Agricultural Research, EMBRAPA carries out cooperation and integration among all Brazilian states, technical assistance organizations and institutions, universities, the private sector and growers, for the purpose of utilizing in the most efficient manner scientific and technological know-how developed both at home and abroad.

The Cooperative System of Agricultural Research has the support of the following institutions through which EMBRAPA functions directly or as a coordinator:

National research institutions:

- a. National Commodity Research Centers which try to develop concepts, genetic materials and technologies which will result in appropriate agricultural and production systems involving a limited number of agricultural products considered to be of national interest.
- b. Special services:
 - National Genetic Resources Center – CENARGEN. This Center organizes and coordinates the introduction and exchange of plants, carries out surveys and quarantine services, and also supervises the evaluation, storage and utilization of germplasm;

- Agriculture and Food Technology Center - CTAA. This Center coordinates all activities involved in the processing of agricultural products, and also carries out experiments on grains, cereals, oils, fats, and root and tuber crops;
- National Soil Survey and Conservation Service – SNLCS. This Center carries out soil surveys throughout the national territory, also giving support to EMBRAPA units and other public and private institutions;
- Basic Seeds Production Service – SPSB. This institution is responsible for the storage, production and distribution of basic seeds from EMBRAPA's system.

Regional research institutions:

- a. Resource centers. These centers are dedicated to registering socio-economic and natural resources and learning about their characteristics, aiming at their best agro-economic use. They also define production systems related to the ecological peculiarities of the humid, semi-arid and "cerrado" regions of the tropics.
- b. The Forestry Research Regional Unit in the Central-South region of Brazil. This unit carries out, at the regional level, activities of the National Program for Forestry Research, having in view the development of research to increase the productivity of forest species, to improve the quality of forest products as well as to utilize native forest resources rationally.

State research institutions:

The state systems, which carry out their own research and support the National Centers, try to develop technologies for local problems through:

- a. *State Agriculture Research Companies which have their own research units and are attached to the Secretaries of Agriculture of each Brazilian state; and*
- b. *State and Territorial Agricultural Research Units (UEPAEs and UEPATs) which are directly linked to EMBRAPA. They are*

dedicated to the adaptation of technologies for similar agricultural conditions encountered in the Brazilian states; they also develop new technologies of local interest.

Em 1979, the EMBRAPA Executive Directory established, through Deliberation n^o 026/79, the Circular Model for Agricultural Research Programming. Today, all research programming of the Cooperative System of Agricultural Research is included in the following 40 National Research Programs (NRP): National Research Programs for: Rice, Beans, Maize, Wheat, Soybean, Beef Cattle, Dairy Cattle, Olericulture, Cassava, Sheep and Goats, Swine, Sorghum, Cotton, Rubber tree, Temperate Climate Fruit Culture, Citrus, Pineapple, Banana, Mango, Viniculture, Oil Palm, Food Agroindustrial Technology, Genetic Resources, Soil Survey, Socio-economic and Natural Resources Evaluation of the "Cerrados", of the Semi-arid Tropics and of the Humid Tropics, Socio-economic and Natural Resources Utilization of the "Cerrados", of the Semi-arid Tropics and of the Humid Tropics, Production Systems for the "Cerrados", for the Semi-arid Tropics and for the Humid Tropics, Forestry, Energy, Poultry, Babassu, Soil Biology, Coconut and Diversified Agriculture (in this last program products of regional or local interest are studied).

EMBRAPA also develops extension programs with the Brazilian Technical Assistance and Rural Extension Corporation (EMBRATER), grower organizations, Integrated Programs in São Paulo, Paraná and Rio Grande do Sul, as well as multi-institutional programs and projects such as the National Alcohol Program.

EMBRAPA operates by centralizing all operational rules and directives, as well as by decentralizing research activities. All support actions, organized through central units, guide EMBRAPA's objectives in order to achieve the real purposes of all research developed by the Agricultural State Systems and Centers.

EMBRAPA's Administrative Office, located in Brasília, consists of the Executive Directory, composed of the President and three Directors, the central units - subdivided into advisory and assistance units - and the technical and administration units. The advisory and assistance units are: the Presidency, the Technical and Administrative Advisory Office

(ATA), the International Cooperation Advisory Office (ACI), the Legal Advisory Office (AJU), the Press and Public Relations Advisory Office (AIRP) and the Internal Auditor Advisory Office (AUD). The technical and administrative units consist of the following Departments:

- Department of Studies and Research – DEP
- Department of Budgetary Programming – DRO
- Department of Orientation and Support of Research Programming – DPP
- Department of Diffusion of Technology – DDT
- Department of Human Resources – DRH
- Department of Quantitative Methods – DMQ
- Department of Accounting and Expense Administration – DCD
- Department of General Administration – DPA

In the international area, EMBRAPA maintains a cooperation system with a number of countries, universities and institutions, with the objective of:

- a. transferring new technologies into the country, and adapting them to local conditions;
- b. training Brazilian researchers in overseas universities and institutions; and
- c. obtaining specialized technical assistance.

COOPERATIVE SYSTEM OF AGRICULTURAL RESEARCH — LOCATION OF INSTITUTIONS

National research institutions

a. National Commodity Research Centers (NCRC):

- National Center for Cotton Research, Campina Grande (Paraíba)
- National Center for Rice and Beans Research, Goiânia (Goiás)
- National Center for Sheep and Goats Research, Sobral (Ceará)
- National Center for Agricultural Pesticides Research, Campinas (São Paulo)
- National Center for Research in Temperate Climate Fruit Culture, Cascata (Rio Grande do Sul)
- National Center for Beef Cattle Research, Campo Grande (Mato Grosso do Sul)
- National Center for Dairy Cattle Research, Coronel Pacheco (Minas Gerais)
- National Center for Research in Vegetable Crops, Brasília (Federal District)
- National Center for Research in Cassava and Fruits Culture, Cruz das Almas (Bahia)
- National Center for Maize and Sorghum Research, Sete Lagoas (Minas Gerais)
- National Center for Research in Rubber tree and Oil Palm, Manaus (Amazonas)
- National Center for Soybean Research, Londrina (Paraná)
- National Center for Swine and Poultry Research, Concórdia (Santa Catarina)
- National Center for Wheat Research, Passo Fundo (Rio Grande do Sul)

b. Special services:

- National Genetic Resources Center (CENARGEN), Brasília (Federal District)
- Agriculture and Food Technology Center (CTAA), Rio de Janeiro (Rio de Janeiro)

- National Soil Survey and Conservation Service (SNLCS), Rio de Janeiro (Rio de Janeiro)
- Basic Seeds Production Service (SPSB), Brasília

Regional research institutions

a. Natural Resources Research Centers

- Research Center for the "Cerrados" (CPAC), Brasília
- Research Center for the Semi-arid Tropics (CPATSA), Petrolina (Pernambuco)
- Research Center for the Humid Tropics (CPATU), Belém (Pará)

b. Forestry Research Regional Unit in the Central-South (URPFCS), Colombo (Paraná)

State Systems

a. State companies:

- Agricultural Research Company of Minas Gerais - EPAMIG
- Agricultural Research Company of Goiás - EMGOPA
- Agricultural Research Company of Espírito Santo - EMCAPA
- Agricultural Research Company of Santa Catarina - EMPASC
- Agricultural Research Company of Rio de Janeiro - PESAGRO
- Agricultural Research Company of Ceará - EPACE
- Agricultural Research Company of Pernambuco - IPA
- Agricultural Research Company of Bahia - EPABA
- Agricultural Research Company of Maranhão - EMAPA
- Agricultural Research Company of Paraíba - EMEPA
- Rural Extension and Technical Assistance Research Company of Mato Grosso do Sul - EMPAER
- Agricultural Research Company of Rio Grande do Norte - EMPARN
- Agricultural Research Company of Mato Grosso - EMPA
- Agricultural Research Company of Alagoas - EPEAL

b. Integrated Programs located in:

- São Paulo
- Paraná
- Rio Grande do Sul

c. State and Territorial Agricultural Research Units (UEPAEs and UEPATs):

- UEPAE of Altamira (Pará)
- UEPAE of Aracaju (Sergipe)
- UEPAE of Bagé (Rio Grande do Sul)
- UEPAE of Bento Gonçalves (Rio Grande do Sul)
- UEPAE of Cáceres (Mato Grosso)
- UEPAE of Corumbá (Mato Grosso do Sul)
- UEPAE of Dourados (Mato Grosso do Sul)
- UEPAE of Manaus (Amazonas)
- UEPAE of Pelotas (Rio Grande do Sul)
- UEPAE of Porto Velho (Rondônia)
- UEPAE of Rio Branco (Acre)
- UEPAE of São Carlos (São Paulo)
- UEPAE of Teresina (Piauí)
- UEPAE of Boa Vista (Roraima)
- UEPAT of Macapá (Amapá)

COOPERATIVE SYSTEM
OF AGRICULTURAL
RESEARCH



- ▲ · Integrated Programs
- · National Commodity Research Centers
- · Special services
- · Natural Resources Research Centers
- ◇ · Forestry Research Regional Unit in the Central-South
- ★ · State companies
- * · State and Territorial Agricultural Research Units