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**PROCEEDINGS
OF THE
CARIBBEAN FOOD CROPS SOCIETY**



**EIGHTH ANNUAL MEETING
SANTO DOMINGO
DOMINICAN REPUBLIC**

1970

VOLUME VIII

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CARIBBEAN FOOD CROPS SOCIETY

OFFICERS 1969-70

President	Pedro E. Morales	Dominican Republic
Vice-president	Jack Waud	Dominican Republic
Secretary-Treasurer	George Samuels	Puerto Rico

Board of Directors

Chairman	F. Gabriel	Martinique
Member	F. Aponte	Dominican Republic
Member	L.A. Cross	Trinidad
Member	F. del Prado	Surinam
Member	E.G.B. Gooding	Barbados
Member	A.G. Naylor	Jamaica
Member	A. Sotomayor	Puerto Rico
Member	J. Spence	Trinidad

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MINUTES OF THE BUSINESS SESSION

August 29, 1970

The Business Session of the Eighth Annual Meeting of the Caribbean Food Crops Society was held in Santo Domingo, Dominican Republic.

The meeting was called to order by the President, Mr. Pedro E. Morales. The minutes of the previous meeting were read and approved. The Treasurer's report was read and approved.

Treasurer's Report

1. BALANCE: Bank Statement, June 30, 1960	\$2,124.30
2. RECEIPTS: July 1, 1969 to June 30, 1970	1,401.99
Subtotal	<u>\$3,526.29</u>
3. EXPENSES: July 1, 1969 to June 30, 1970	
Travel grants, Martinique	\$150.00
Travel expenses, Martinique meeting	133.00
Travel expenses, Dom. Rep. meeting	122.00
Opening account, Dom. Rep. Meeting	50.00
Newsletters	13.00
Secretarial work	31.00
Postage	79.96
Bank service charge	<u>3.00</u>
Total Expenses	<u>581.96</u>
4. BALANCE: June 30, 1970	\$2,944.33

Board of Directors Meeting

A meeting of the Board of Directors was held in Santo Domingo, Dominican Republic on August 26, 1970. The main items decided were:

1. The Chairman of the Board for 1970-71 is Mr. Pedro Morales with Dr. Jack Waud, past vice-president serving when Mr. Morales can not assist.

2. The venue for the Ninth Annual Meeting was discussed. Mr. H.A.D. Chesney on behalf of his government offered Guyana as site of the Ninth Annual Meeting.

3. The Board lends its support to Puerto Rico for the site of the 1972 meeting with Barbados as alternate choice.
4. Plans were discussed for revitalization of the CFCS.

Election of Officers 1970-71

President	H.A.D. Chesney	Guyana
Vice-president	John Brownman	Guyana
Secretary-Treasurer	George Samuels	Puerto Rico
Board of Directors		
Chairman	Pedro Morales	Dominican Republic
Member	W. de Courcey Jeffers	Barbados
Member	Juan Pablo Duarte Jr.	Dominican Republic
Member	Francisco Aponte	Dominican Republic
Member	A.J. Naylor	Jamaica
Member	Antonio Sotomayor	Puerto Rico
Member	Jean E. Salette	Guadeloupe
Member	Lawrence Cross	Trinidad

Local Representatives

Barbados	W. deC Jeffers	Jamaica	A. Naylor
Dominica	C. Dupigny	Martinique	F. Gabriel
Dominican Republic	F. Aponte	Puerto Rico	A. Sotomayor
Guadeloupe	J. Salette	Surinam	F. del Prado
French Guiana	J.F. Turenne	Trinidad	L.A. Cross
Guyana	H.A.D. Chesney		

Ninth Annual Meeting

The general body agreed to have the Ninth Annual Meeting in Guyana in 1971. Puerto Rico was suggested for 1972 with Barbados as alternate choice.

A session of the 1971 meeting will be devoted to Root Crops

REGISTERED PARTICIPANTS IN 8TH ANNUAL MEETING
CARIBBEAN FOOD CROPS SOCIETY
DOMINICAN REPUBLIC
August 23-29, 1970

Dr. Ernesto Hernández*	Puerto Rico
Dr. Miguel Lugo*	"
Dr. George Samuels*	"
Dr. Gene Spain	"
Mr. William Pennock	"
Mr. Carlos Aponte	"
Mr. Francisco Miranda	"
Mr. Rafael Fuentes	"
Mr. Miguel González	"
Mr. Antonio Vélez	"
Mr. Enrique González	"
Mr. A. Santiago	"
Dr. Antonio Sotomayor	"
Mr. Samuel Johnson	"
Mr. R.H. Martin	Jamaica
Mr. Alfred G. Mullings	"
Mr. W. Shirley	"
Mr. S.W.A. Lechtomore	"
Mr. John Grace	Barbados
Mr. Decoursey Jeffers	"
Mr. Nazeer Ahmad	Trinidad
Mr. R.E. Osborne	"
Mr. J.E. Salette*	Guadeloupe
Mr. P.G. Scoch*	"
Mr. Rudolph Shulterbrandt*	St. Croix
Mr. Edgar Hall	"
Mr. Charles J. Batiste	Dominica
Mr. J.L. Dupugny	"
Mr. George Rembaud	Martinique
Mr. Henry Riese	Curacao
Mr. H.A.D. Chesney	Guyana
Mr. Oakland Swift*	Antigua
Dr. St. Clair de Forde	"
Mr. Philippe Blancancaux*	French Guyana
Dr. Villena	México
Dr. Jack Waud	Dominican Republic
Mr. Francisco Aponte	" "
Mr. Peter Hirsch	" "
Mr. Jacques Teissier	" "
Miss Miriam Soto P.	" "
Mr. Lidio Martínez	" "
Mr. Romeo Balbuena	" "
Mr. César Meyreles Torres	" "
Mr. Marcos González	" "
Mr. Carlos Aquino	" "
Mr. Rafael Metra	" "
Mr. Guillermo Villanueva	" "

* Accompanied by wife

Sunday, 23 August 1970

Arrival of Participants

Monday, 24 August

8:00 to 9:00 a.m.

Registration and Reception

9:00 to 9:30 a.m.

Ladies' Meeting

9:30 to 10:20 a.m.

Inauguration Ceremonies
César Sandino de Jesús, Secretario
de Estado de Agricultura

Recess

10:30 to 12:00 p.m.

Opening Address of Working Session

2:00 p.m.

Hotel Embajador

7:00 p.m.

Cocktail and Reception
El Embajador HotelTuesday, 25 August

6:00 a.m. to 6:30 p.m.

Field Trip to Southeast part of the
Republic (Azua)-Processing of Fruits
& Vegetables, Bananas, Plantains,
Cantaloupe, Tomatoes, and Peppers.
Agricultural Reform Family Project
Lunchat Beach.Wednesday, 26 August

8:30 to 11:00 a.m.

Hotel Embajador;
Working Session No.2
Topic - Tomatoes and Peppers

1:30 p.m. to 4:00 p.m.

Visit to Centro Nacional de Investiga
ciones Agropecuarias (CNIA), at San
Cristóbal, to observe research on fruits
and vegetables. Orientation lectures on
Dominican Agriculture.

4:00 to 6:30 p.m.

Visit to Trujillo Mahogany House and
Cerro Castle.

8:00 p.m.

Water Ballet Show

Thursday, 27 August

6:00 a.m. to 6:30 p.m.

Field Trip to Central Part of the
Republic (El Cibao). Visits to
observe Rice, Potatoes, Onions,
Garlic, Tomatoes, Flowers, Grain,
and Oil Crops.Friday, 28 August

8:30 to 11:00 a.m.

Hotel Embajador
Working Session No.3

11:00 a.m. to 12:00 Noon

Business Meeting and Elections

P.M.

Free time for shopping and sightseeing

7:00 p.m.

Banquet at Hotel Embajador

FIELD TRIPS
 VISIT TO AZUA (SOUTH COAST)
 TUESDAY, AUGUST 25

5:00 a.m.	Board buses
7:30 to 8:30 a.m.	Breakfast and visit to Famosa Canning - Factory (fruit juices, fruits, and <u>vegetables</u>) at Baní.
8:30 a.m.	Depart for Azua.
9:45 a.m.	Arrive at Azua.
9:45 to 10:00 a.m.	Visit banana and plantain plantations and packing facilities.
10:00 to 11:15 a.m.	Visit vegetable and fruit production - area including modern cleaning, grading, and packing facilities for cucumbers, peppers, and tomatoes. Visit field to see cantaloupes and field preparation - for planting of tomatoes.
11:15 to 12:30 p.m.	Visit to Agrarian Reform Project farmers settlement to see plantings of peppers and tomatoes, irrigation, and housing, for worker's families.
12:30 to 4:00 p.m.	Board bus to beach for lunch sponsored by United Fruit Company. Bathing facilities available bring you own suit and towel.
4:00 p.m.	Board bus to return to hotel.
6:30 p.m.	Arrive at Hotel.

VISIT TO SAN CRISTOBAL
 WEDNESDAY, AUGUST 26

1:30 p.m.	Board buses for visit to Centro Nacional de Investigaciones Agropecuarias (CNIA), San Cristóbal.
2:00 p.m.	Arrive at CNIA, welcome by Director Ing. Agrón. Juan Pablo Duarte Jr. and staff.
2:00 to 2:45 p.m.	Brief presentation of Agriculture of Dominican Republic including soils, climate crop locations, economics including <u>marketing</u> and agronomic practices.
2:45 to 3:30 p.m.	Visit to seed cleaning and treating plant (corn, rice), soil laboratory, veterinary laboratory, feed analyses laboratory.
3:30 to 4:40 p.m.	Visit to experimental fields to see corn, pigeon peas, tomatoes, onions, carrots, cabbage, mangos, avocados, oranges, <u>grape fruit</u> , etc.
4:00 p.m.	Board buses to visit interesting historic places of the area including Trujillos country retreat, Casa de Caoba (Mahogany House); La Toma, a natural spring bathing resort; and Cerro Palace, an extravagant, baroque style, residence.
6:00 p.m.	Depart for hotel.

VISIT TO CENTRAL REGION OF THE REPUBLIC
THURSDAY, AUGUST 27

6:00 a.m.	Board bus.
7:00 to 8:00 a.m.	Breakfast at Constanza.
9:00 to 9:45 a.m.	Visit Constanza mountain valley to see potatoes, onions, garlic, and flowers.
9:45 a.m. to 1:00 p.m.	Drive to Santiago, lunch will be courtesy of BARCELO & CO. C x A'
2:00 to 4:00 p.m.	Visit Tomato Processing Plant, Pineapple Production, and View Vegetable Production in The Cibao Valley.
4:00 to 6:00 p.m.	Return to Santo Domingo.

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THE ORIGIN OF THE NATIONAL AGRICULTURAL RESEARCH CENTER

The National Agricultural Research Center began in Constanza as a Horticulture Center due to the demand for fresh vegetables for the U.S. Market, created by the closing of the production centers in Cuba and the frost in the southwest of the U.S. in 1964-65.

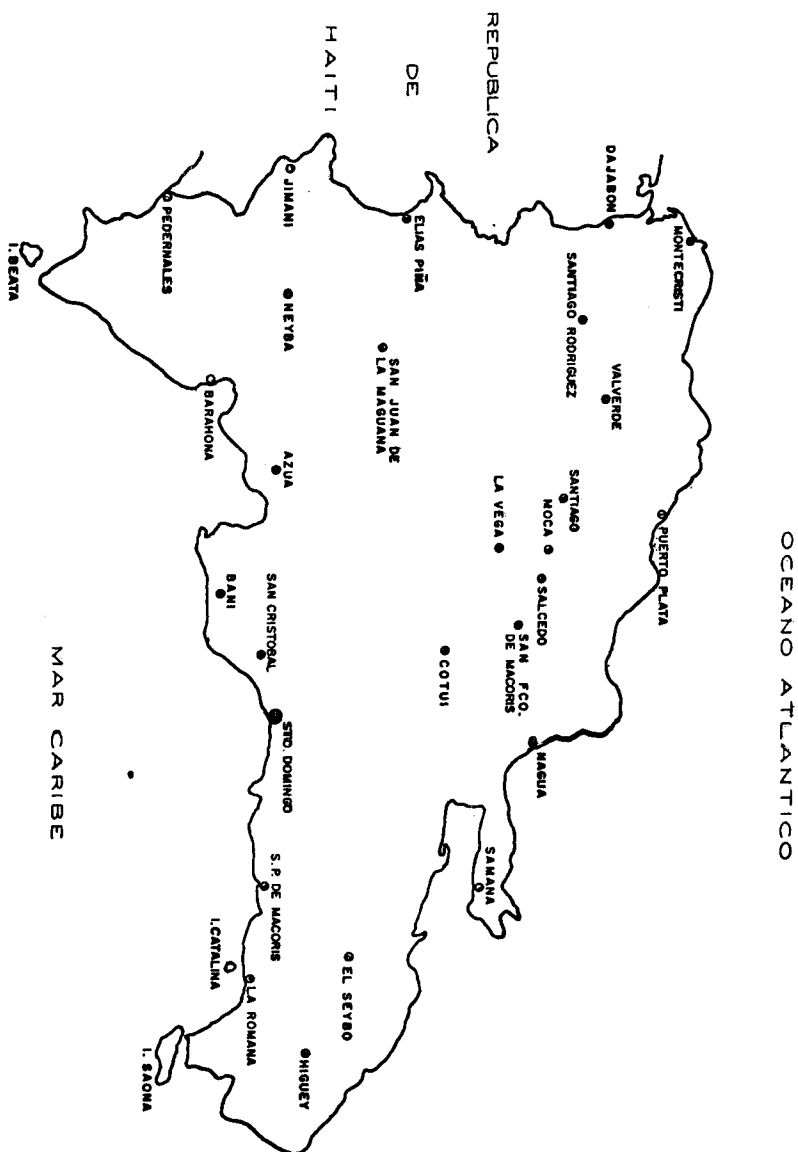
Later on, this Horticulture Center by agreements between the Dominican Government through the Secretariat of Agriculture and the Agency for International Development became the National Agriculture Research Center. Its official name is the Department of Agriculture Research. Because it has several branches in different parts of the country with its headquarters in San Cristobal is known as the National Agriculture Research Center (CNIA).

It is a dependency of the Secretariat of Agricultural under the direction of the Undersecretary of Research and Agriculture Extension.

Its internal organization consists in the Divisions of Soils, Cereals, Horticulture, Fruiticulture, Traditional Crops, Animal Production; Horticulture Center; programs on leguminous grains; Meteorology; laboratories in Plant Pathology, Soils, Veterinary and Bromatological; and the maintenance and transportation section.

The National Agriculture Research Center is situated at 18° 15' north latitude and 70°06' west longitude in the former "Hacienda Fundación" at 4 km from San Cristobal and at 31 km from Santo Domingo; its grounds are 43 meters above the sea level, as general average.

The Research Center is located in a tropical humid climate with an average rainfall of 1,834 mm (73.4 inches); 213.7 days of rain per year; 22.7 days in May (rainy season). The average maximum annual temperature is 29.8°C (85.6°F); the minimum annual average is 21.4°C (70.5°F); and the medium annually average is 25.6°C (78.1°F).



MAP OF THE DOMINICAN REPUBLIC