

Visit of Three Foreign Senior Research Administrators to Japan

Cooperation and mutual understanding are vital among the tropical countries concerned to smoothly promote tropical agriculture research.

For this purpose we invited three senior research administrators from these countries to Japan in March, 1970 and exchanged opinions with them on the problem of promotion of tropical agriculture research. They also inspected various institutions such as our agricultural research experiment institute so as to become familiar with our agricultural research.

At the meeting held at the Research Council Secretariat, Ministry of Agriculture, Forestry and Fisheries, each visiting administrator gave us his impression of Japan and we held discussions on how to develop tropical agricultural research.

The research administrators visited the following places:

Mr. Sadikin Sumintawikarta

Director-General of Agriculture, Ministry of Agriculture, Indonesia.

March 11 to 18, 1970.

Institute of Agricultural Machinery.

Aichi Prefectural Agricultural Experiment Station.

Upland Farming Division, Tokai-Kinki Agricultural Experiment Station.

Vegetable and fruit field in Atsumi Peninsula, Aichi Prefecture.

Mr. Eliseo C. Carandang

Director, Bureau of Plant Industry, Department of Agriculture and Natural Resources, the Philippines.

March 22 to 31, 1970.

National Institute of Agricultural Sciences.

Institute of Agricultural Machinery.

Central Agricultural Experiment Station.

Ehime Prefectural Fruit Experiment Station.

Pilot Farm for Mechanization of Fruit Culture, Kikuma Chugoku Agricultural Experiment Station.

Dr. D. V. W. Abeygunawardena

Deputy Director of Research, Central Agricultural Research Institute, Ceylon.

March 21 to 30, 1970

National Institute of Agricultural Sciences.

Institute for Plant Virus Research.

Central Agricultural Experiment Station.

Institute for Plant Virus Research.

Food Research Institute.

Kanagawa Prefectural Agricultural Experiment Station.

Horticultural Research Station.

SERIES 5

TEA RESEARCH STATION

Established : 1896

Location : Kanaya-cho, Haibara-gun, Shizuoka Prefecture

Director : Hideichi Torii

Total Number of Employees : 109 (Research personnel: 64)

Outline of Work :

The station undertakes research and experiment on the breeding of new varieties of tea, the improvement and mechanization of tea cultivation and processing and studies on chemical component of tea, etc. in order to tackle some of the most important problems with which the Japanese tea industry is now confronted, such as the advancement of productivity and the improvement of quality. The station maintains also facilities for training tea production technicians.

Recent Principal Research Findings :

Chemical test to select the black tea hybrid at early breeding stage.

Chemical control of tea flushing.

Soil survey in tea soil.

Biological investigation of the Scolytid, tea root borer and tea stem borer.

Etiological searching of the root rot disorder in tea.

Formation of volatile components during black tea fermentation.

Catechin biosynthesis by using radioactive carbon.

Automatic tea plucker trac.

Publications :

Bulletin of the Tea Research Station. (In Japanese with English summary, annual, free exchange.)

Study of Tea. (In Japanese with English summary, semi-annual, free exchange.)

Organization and Main Research Themes :

- Research Planning and Coordination Division (2 sections)
- General Affairs Division (2 sections)
- Tea Agronomy Division (6 laboratories and 1 section)—Breeding and cultivation of tea plants; Pest and disease control; Soil management and manuring.
- Director—Tea Technology Division (4 laboratories)—Improvement of manufacturing methods and machines for green and black tea; Chemistry of tea.
- Makurazaki Branch (4 laboratories and 1 section) (Makurazaki City, Kagoshima Prefecture)—Breeding, cultivation and manufacturing of black tea.