

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.