

Outline
of
The Ōhara Institute for Agricultural Research.



Entire View of the Ōhara Institute.

Kurashiki, Okayama-Ken,

Japan.

1926.

OFFICERS.

- Mr. MAGOSABURŌ ŌHARA, the Chief Councilor.
 Mr. SUMIJI HARA, the Councilor.
 Mr. GENJIURO HAYASHI, „ „
 Dr. TAMAMI MIHASHI, „ „
 Dr. GOICHI ŌHARA, „ „
 Dr. TOKUICHI KAKIHARA, „ „
 Dr. MANTARŌ KONDŌ, the Director and the Councilor.
 Mr. YOSABURŌ SAKAMOTO, the Secretary.
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DEPARTMENT AND STAFF.

- I. Department of Farm Crops, and Plant Genetics :
 MANTARŌ KONDŌ, Nōgaku-Hakushi, Director and Agronomist.
 YASUKE YAMAGUCHI, Rigakushi, Geneticist.
 3 Assistants.
- II. Department of Agricultural Chemistry and Microbiology :
 ARAO ITANO, Nōgaku-Hakushi and Ph. D., Bacteriologist.
 2 Assistants.
- III. Department of Entomology :
 CHUKICHI HARUKAWA, Nōgaku-Hakushi, Entomologist.
 1 Assistant.
- IV. Department of Plant Pathology :
 YOSIKAZU NISIKADO, Nōgaku-Tokugiōshi, Plantpathologist.
 1 Assistant.
- V. Library :
 KAZUNAO ISHIHARA, Librarian.
 1 Assistant.

HISTORY AND SCOPE.

This Institute was founded in 1914 by Mr. MAGOSABURO ŌHARA in commemoration of the Ōhara family who have contributed greatly for the advancement of agriculture in this vicinity and also for the betterment of the social and economical conditions among the farmers; it is located at Kurashiki, Okayama-Ken, Japan.

The scope of this Institute is to contribute for the improvement of agriculture in general through the scientific research and experimentation.

The special merits of this Institute may be enumerated as follows:

1. "Uniqueness".

This is the only one institute of this kind in the Orient.

2. "Freedom in research".

It encourages the free research in the domain of agriculture and no financial return is sought whatever.

3. "Modern equipment".

In recent years, the Institute has been striving to introduce the modern equipment, and at present it is fairly well equipped.

4. "Good library".

The library of this Institute has over forty thousands volumes of books and numerous kinds of periodicals, domestic and foreign together. It is considered to be one of the best in the Orient.

ORGANIZATION.

I. Financial Management :

This Institute was organized as a foundational juridical person in 1914, and is maintained chiefly by the income from the farm which was donated by Mr. ŌHARA. However the deficit as well as the special expenditure, such as the purchase of a library and special equipment, sending the staff abroad to study etc., have been generously supported by Mr. ŌHARA, from time to time.

II. Departments :

At present there are four departments, namely ; 1. Farm Crops and Plant Genetics ; 2. Agricultural Chemistry and Microbiology ; 3. Entomology ; and 4. Plant Pathology.

The work of each department is briefly outlined below :

1. Department of Farm Crops and Plant Genetics :

Investigations on seeds, rice, plant breeding and genetics are carried out.

2. Department of Agricultural Chemistry and Microbiology :

The microbiological together with bio-physico-chemical investigations on soil fertility and fertilizers are undertaken.

3. Department of Entomology :

Several kinds of insects of agricultural importance are investigated as to their morphology and physiology, and their economical control.

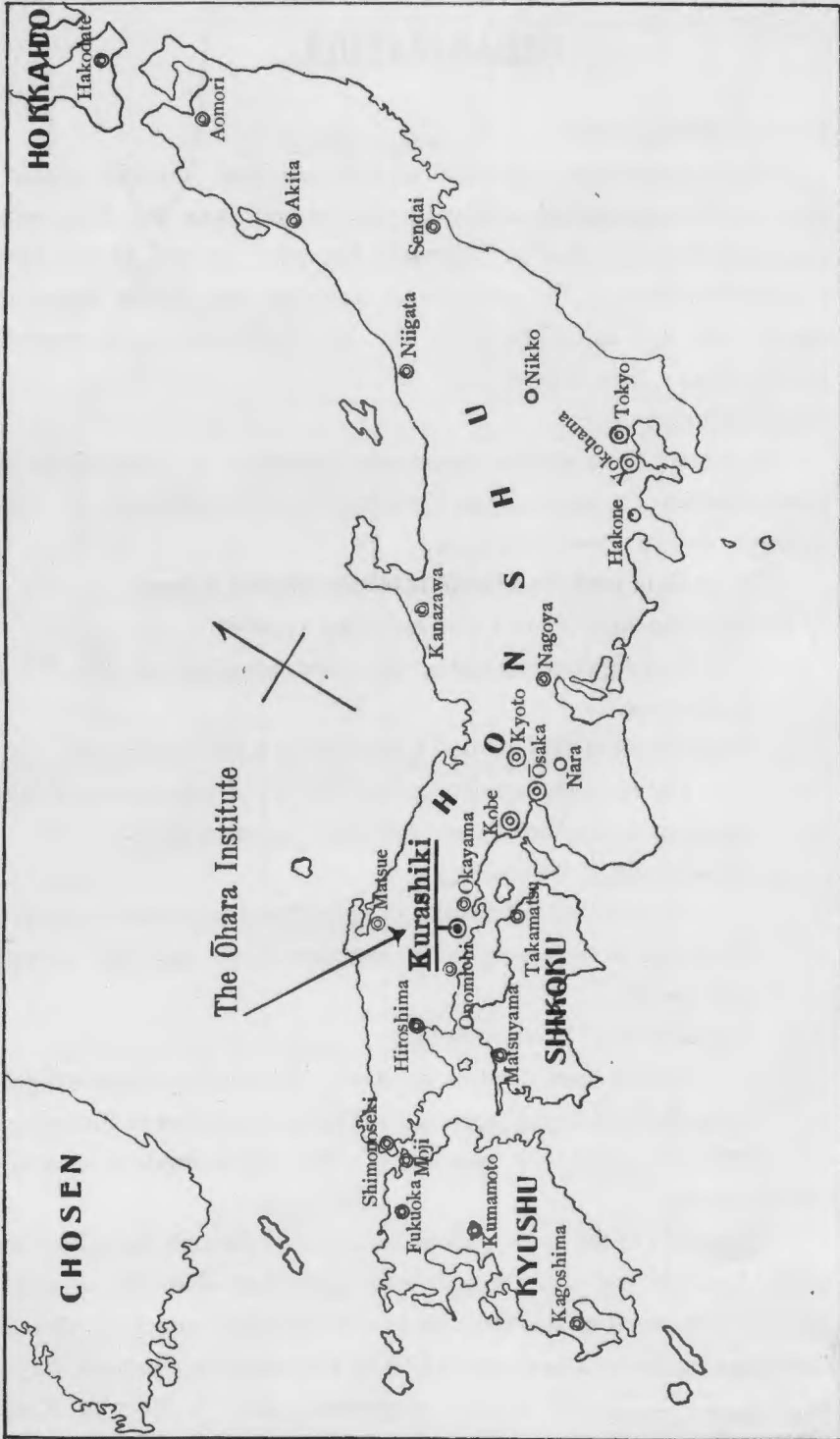
4. Department of Plant Pathology :

Several plant diseases, especially rice diseases, are investigated as to their etiological agents, distribution in relation to the soil conditions together with immunity of plant, and methods of control.

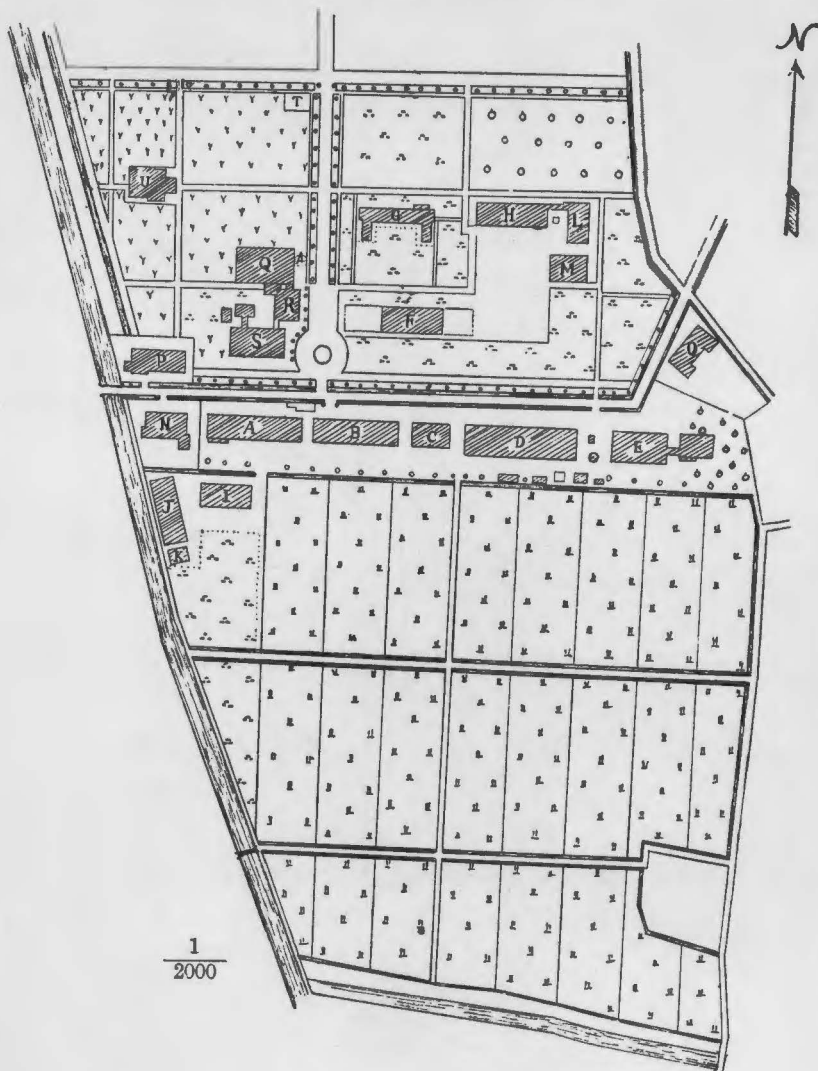
III. Publications :

The results of the investigations are reported through the publications of the Institute and also through some periodicals domestic as well as foreign. The Institute has three kinds of publication, namely 1. *Berichte des Ōhara Instituts für landwirtschaftliche Forschungen* (German, English or French); 2. *Special Reports* (Japanese); and 3. *Nōgaku Kenkiu* (Japanese).

Geographical Location of the Ōhara Institute in Japan.



Plane Figure of the Ōhara Institute.



Explanation :

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| A. Department of Farm Crops and Plant Genetics. | O. Residence for the Investigators. |
| B. Secretary's Office and Museum. | P. " " " " |
| C. Storage Batteries, Cold Storage and Farm Implements. | Q. Library. |
| D. Department of Agricultural Chemistry and Microbiology. | R. Reading Room. |
| E. Department of Entomology and Plant Pathology. | S. Meeting Place. |
| F. Glass and Net House. | T. Observatory. |
| G. Greenhouse. | U. Club House. |
| H. Farmhouse for Laborer and Storeroom. | ○ ○ Orchard. |
| I. Storehouse and Inspection Room. | Y Y Botanical Garden. |
| J. Cropping House and Working Room. | — — Dry Farm. |
| K. Resting House for Farm Help. | Rice-field. |
| L. Storeroom. | ⋮ ⋮ Row of Trees. |
| M. Composting House. | |
| N. Residence for the Investigators. | |

PLATE VIII.



Library, Glass and Net House.



Museum.

PLATE IX.



Laboratory of Seeds.



Thermostat Room for the Germination of Seeds.

PLATE X.

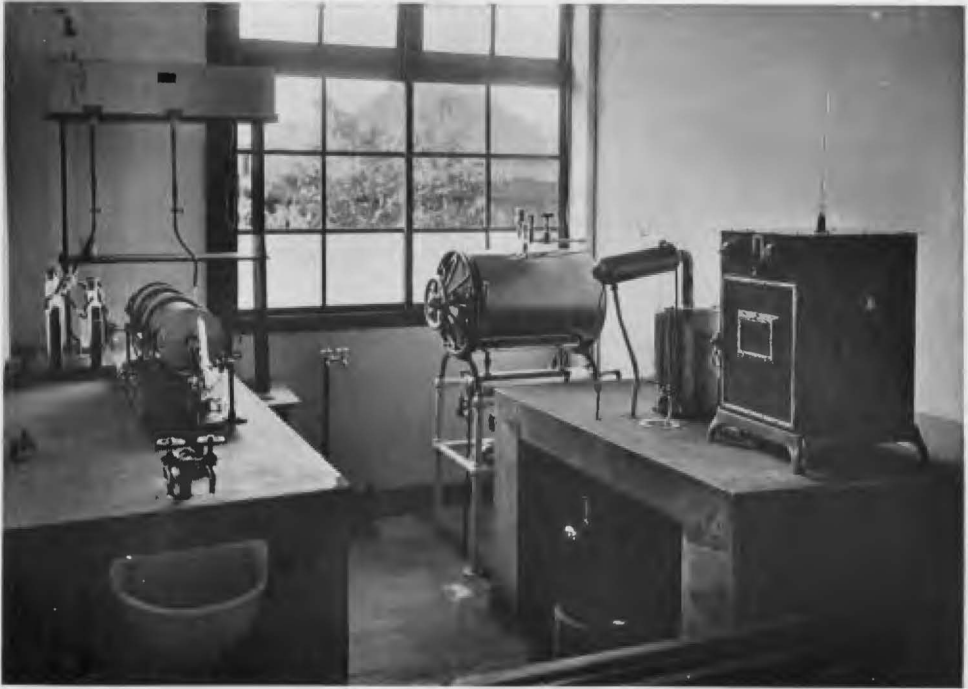


Laboratory of Plant Genetics.



Laboratory of Soil Microbiology.

PLATE XI.



Electric Combustion Furnace and Sterilizing Apparatus.



H-ion and Constant Temperature Apparatus.

PLATE XII.



Insectary.



Thermostat Room in the Entomology and Plant Pathology Building.

PLATE XIII.



Laboratory of Plant Pathology.



Constant Soil Temperature Tanks in the Greenhouse.