

THE SCIENTIFIC REPORTS OF THE KYOTO
PREFECTURAL UNIVERSTY
AGRICULTURE NO. 22

Contents

Agriculture

The difference of <i>Brassica Rapa</i> LINN. var. <i>neosuguki</i> KITAMURA strain from the morphological point of view. I.	S. TAKASHIMA and M. NARITA..... 1
Studies on the blight and rot of tulip caused by <i>Phytophthora porri</i> FOISTER. I. On the disease and its causal fungus.....K. KATSURA..... 9	
Stimulation of <i>Pseudomonas</i> sp. on the zoosporangia formation of <i>Phytophthora capsici</i> LEON.....M. MASAGO and K. KATSURA.....17	
Dry surface method for the numerous formation of zoosporangia in <i>Phytophthora capsici</i> LEON.	
..... Y. MIYATA, K. KATSURA and T. MUROKAWA.....27	
Studies of coating treatment on shell egg. I. Effect of coating treatment with silicon and liquid paraffin on preservation of shell eggs.Y. KUNIMATSU and S. YAMAMOTO.....31	

Forestry

A study on property of growth factor.....M. TOKUOKA.....40	
The diffusion of solute through wood saturated with water III. (1) Effects of thickness of test specimen on the diffusion of electrolytes in longitudinal direction of wood.	
.....M. FUKUYAMA and K. TSUNODA.....47	
Studies on the internal stresses in finished wood IV. On the swelling and shrinkage of paint films for wood coating under adsorption and desorption of water vapor	
.....M. FUKUYAMA.....52	
Some aspects for sounding test at the mountain slopes.	
..... K. OHTE and S. HEKI.....63	

Studies on the wettability of wood. V. The heat of wetting of wood in water. (1)	H. KADITA and J. MUKUDAI.....76
---	-------	---------------------------------

Agricultural Chemistry

Studies on Kuroboku soils in Kinki district. Part 3. On the parent materials of Kuroboku soils in Kinki district.....	T. HATTORI and S. MORITA.....81
Biochemical studies on carbohydrates of fungi. I. Gaschromatographic identification of carbohydrates of some fungi.	S. FUJII.....95
On the retting of vegetable-fiber materials (XVII) Pectolytic activity of strain of bacterium isolated from flax.	H. IMAHARA, S. YAMASHITA, M. IWAI and T. NAKAHAMA.....101
The preparation and isolation of cyclodextrins	K. TAKEO, Y. KONDO and T. KUGE.....106