

Contents

Opening Address by Hiroshi KITAJIMA	1
Welcome Address by Kashio HIRAMATSU	3
Session I. Country Report	11
1. M. D. MISHRA (India)	
Progress and trends of virus research in India	13
2. Ida Nyoman OKA (Indonesia)	
Virus diseases of food crops in Indonesia and their control	37
3. Wen Poh TING & Ching Ang ONG (Malaysia)	
Plant virology in Peninsular Malaysia	45
4. Dante A. BENIGNO (Philippines)	
Plant virus diseases in the Philippines	51
5. P. SHIVANATHAN (Sri Lanka)	
Virus diseases of crops in Sri Lanka	65
6. Nualchan DEEMA (Thailand)	
Virus diseases of economic crops in Thailand	69
7. A. S. COSTA and E. W. KITAJIMA (Brazil)	
Virus problems of crop plants in Brazil: Past and Present	73
Session II. Technical Report	79
1. Tirtawidjaja SOELAEMAN (Indonesia)	
A possible relationship between stem pitting and citrus vein phloem degeneration (CVPD)	81
2. M. SUGIURA, T. SHIOMI, S. NASU and T. MIZUKAMI (Japan)	
Artificial culture of plant pathogenic mycoplasma-like organism (MLO)	85
3. F. NAKASUJI and K. KIRITANI (Japan)	
Epidemiology of rice dwarf virus in Japan	93
4. E. SHIMURA (Japan)	
Rice breeding for resistance to rice virus diseases in Japan	99
5. M. D. MISHRA (India)	
Investigations on rice tungro virus in India	109
6. H. INOUE and S. RUAY-AREE (Japan and Thailand)	
Bionomics of green rice leaf hopper and epidemics of yellow orange leaf virus disease in Thailand	117
7. A. SHINKAI (Japan)	
Rice waika, a new virus disease, found in Kyushu, Japan	123

8. Y. SAITO (Japan)	
Interrelationship among waika disease, tungro and other similar diseases of rice in Asia	129
9. K. C. LING (IRRI)	
Recent studies on rice tungro-disease at IRRI	137
10. P. SHIVANATHAN (Sri Lanka)	
A seed borne virus of <i>Phaseolus aureus</i> (Roxb.)	143
11. H. KOGANEZAWA (Japan)	
Purification and properties of rice stripe virus	151
12. Ching Ang ONG and Wen Poh TING (Malaysia)	
A review of plant virus diseases in Peninsular Malaysia	155
13. Luansark WATHANAKUL and Praphas WEERAPAT (Thailand)	
Yellow orange leaf virus disease in Thailand	165
14. I. TAKEBE (Japan)	
Protoplasts: A unique material for plant virus research	171
15. Y. NAGAI (Japan)	
Control of the mosaic disease of tomato by seedling inoculation with the attenuated strain of TMV	179
16. T. INOUYE (Japan)	
Rice necrosis mosaic, a soil-borne virus disease	185
17. D. A. BENIGNO, M. A. F. HEDAYAT and M. L. RETUERMA (Philippines)	
Determination of the morphologies of plant viruses in the Philippines by electron microscopy	189
18. E. W. KITAJIMA (Brazil)	
The possibilities of the use of the electron microscope in helping the diagnosis of plant virus diseases	197
General Discussion	201
Closing Address by Kan-ichi MURAKAMI	213
List of Participants	217
Symposium Organizing Committee	221