## Contents

| Inaugural Address  | Kaneda, C                    | i   |
|--|------------------------------|-----|
| Welcome Address  | Nishio, T                    | ii  |
| Welcome Address  | Yamakawa, K                  | iv  |
| Country Reports  |                              |     |
| Present Status and Future Prospects of Vegetable Research and Development in India   | Phal, R                      | 1   |
| Vegetable Production in Sri Lanka  | Perera, K.D.A.               | 9   |
| Status of Vegetable Industry in Malaysia   | Anang, S.H                   | 21  |
| Vegetable Production in Thailand   | Thongjiem, M                 | 30  |
| Constraints on and Opportunities in the Production of Vegetables in Indonesia  | Subijanto                    | 37  |
| Vegetable Production in the Philippines  | Villareal, R.L and Paje, M.M | 11  |
| Recent Development of Vegetable Production in China  | Li, Y.H                      | 55  |
| Current Situation and Major Constraints on<br>Melon and Watermelon Cultivation in Peru   | Cheng, G.N                   | 61  |
| The Present Situation of Cabbage Breeding in Brazil  | Giordano, L.B                | 71  |
| Current Situation of Vegetable Production and Research in Japan  | Kotani, A                    | 74  |
| Vegetable Production and Germplasm Conservation in Asia-Pacific Region   | Singh, R.B.                  | 78  |
| Technical Reports  |                              |     |
| Inheritance of Papaya Ringspot Virus-W<br>Strain (Watermelon Mosaic Virus-1) Resis-<br>tance in the Interspecific Hybrid between<br>Cucurbita ecuadorensis x C. maxima | Tasaki, S. and Dusi, A.N 93  |     |
| Onion Seed Production in Sri Lanka   | Yazawa, S                    | 97  |
| Basic Requirements for TPS (True Potato Seed) Production   | Eguchi, Y. and de Maza, N.G  | 102 |
| Potato and Sweet Potato Research : A World-Wide Mandate for the International Potato Center  | Midmore, D.J.                | 112 |

| Achievements of Joint Research in Heat-<br>Tolerant Vegetable Crops  | Shen, Y  |
|--|--|
| Breeding of Cucumber, Sweet Pepper and<br>Chinese Cabbage for Adaptability to Summer<br>Cropping in China                        | Hida, K., Nakashima, T.,<br>Shen, Y. and Zhou, A               |
| Development of Interspecific Hybrids between <i>Brassica oleracea</i> and <i>B. campestris</i> Adapted to the Tropics            | Hossain, M.M., Inden, H., and Asahira, T                       |
| Snap Beans : Their Constraints and Potential for the Developing World  | Henry, G   |
| Recent Progress in Winged Bean Research  | Okubo, H., Fujieda, K., and<br>Uemoto, S                       |
| Effects of Waterlogging on Growth and Yield of Yard Long Bean ( <i>Vigna sinensis</i> var. <i>sesquipedalis</i> )                | Nawata, E., Yoshinaga, S. and<br>Shigenaga, S                  |
| Cultivation of Temperate Vegetables in the Tropics   | Hanada, T  |
| Studies on Stress Tolerance of Vegetables in<br>China: Effect of Cover Materials on Growth<br>and Yield of Sweet Pepper          | Nakashima, T., Hida, K.,<br>Zhou, W. and Lai, K 192            |
| Effect of Row Cover Treatment on the Prevention of Typhoon Damage in Vegetable   | Ozawa, K   |
| Alleviation of Occurrence of Tipburn and<br>Internal Rot in Tropical Chinese Cabbage   | Imai, H 203  |
| Identification of Virus Diseases Affecting<br>Some Vegetable Crops in West Malaysia and<br>the Southern Part of China            | Fujisawa, I., Anang, S.H.,<br>Shen, Y. and Zhou, A.J 218       |
| Ecology of the Leaf-Footed Plant Bug, <i>Le-ptoglossus australis</i> Fabricius, in the Sub-Tropical Region of Japan              | Yasuda, K  |
| Measurement of Heat Sensitivity in Cucumber Leaves by Chlorophyll Fluorescence Method  | Aoki, S  |
| Production of and Research on Strawberry in<br>Japan   | Yamakawa, O  |
| Post-harvest Quality Maintenance of Vegetables   | Saijo, R   |
| Genetic Improvement of Selected Vegetables for the Tropics and Sub-Tropics   | Opeña, R.T   |
| Research on Faba Bean, Lentil and Kabuli<br>Chickpea at the International Center for Agri-<br>cultural Research in the Dry Areas | Saxena, M.C  |
| ICRISAT's Research on Groundnut, Pigeonpea and Chickpea  | Johansen, C., Mcdonald, D., Singh, L. and Van Rheenen, H.A 296 |
|  |  |

| General Discussion                     |          | 307 |
|--|----------|-----|
| Closing Remarks                        | Yasui, H | 313 |
| List of Participants                   |          | 315 |
| List of Symposium Organizing Committee |          | 321 |