

CONTENTS

- I Foreword
- II Welcome address
- IV Special address
- V Highlights and suggestions
- 1 **SESSION I**
- 3 Rice-based cropping systems research at BRRI in the seventies
M. Zahidul Hoque
- 6 Site-related cropping systems research-an overview.
Virgilio R. Carangal
- 10 Cropping systems research methodology used at BRRI
Peter R. Hobbs
- 13 **SESSION II**
- 15 Reports from BRRI cropping systems research site at Salna
Mohammad Azizur Rahman
- 17 Cropping systems research report from BWDB's DND project
S. A. A. Khan, N.U. Ahmed and M. Z. Hoque
- 20 Rice-based cropping systems in Bahadurpur village under Agri-varsity extension project area, Kotwali Thana
Anwarul Karim
- 25 Reports from BRRI cropping systems research site at Laskarchala
Mohammad Nazrul Islam Miah
- 28 Reports on cropping systems research activities at BWDB'S Thakurgaon deep tubewell project area
S.M. Towheed and A. A. Asadullah
- 30 Report from cropping systems research site at G-K project
Mohammad Shukuruddin
- 32 Jarunbari project : a report on a low lying irrigated cropping systems research site
M. Zahidul Hoque
- 35 CARE Agricultural production programme in deep tube-well areas of Bangladesh
S.J. Bhuiyan

39 SESSION III

- 41 Reports from cropping systems research site at Alimganj
N.U. Ahmed, R.U. Akanda, M.Z. Hoque and M. Yousuf
- 44 Reports from BRRI Cropping systems research site at
Daudkandi
Mohammad Mainur Rahman Siddiqui
- 46 Reports from BRRI cropping systems research site at Bhogra
*Mohammad Nur-E-Elahi, M. R. Siddiqui and Mohammad
A. Hossain*

51 SESSION IV

- 53 Reports from MCC Cropping systems site at Charbata
Duane Auch
- 57 Reports from MCC's cropping systems site at Gunabati
Bob Suter
- 61 Reports from Hajiganj cropping systems research site of
MCC at Kalacha Union
G. Griffin and Bob Suter
- 63 RDRS Experiences with cropping pattern improvement
Gunnar Barnes, M. Ahsan Ullah, John G. Devance
- 65 Reports from cropping systems research site of NCCB at
Gournadi
David J. Stockley
- 67 Reports from HEED cropping systems research site at
Kamalganj, Srimangal
Amalendu Paul, Noel Magor and Ken Turner

71 SESSION V

- 73 Survey of jute-rice cropping patterns in three selected areas
of Bangladesh.
Mokarram Hossain, Azizur Rahman and M.A. Jabber
- 75 Results of Jute-rice pattern trials at the Bangladesh Rice
Research Institute
Nizam U. Ahmed
- 77 Agro-forestry in Bangladesh
A. Alim

- 79 Symptoms of nutritional disorders in corn, wheat and rice
Nilufer Hye Karim

85 SESSION VI

- 87 Recommended rice varieties of Bangladesh and their characteristics

M.A. Hamid

- 90 Characteristics of Jute varieties recommended for Bangladesh

M.A. Sobhan.

93 SESSION VII

- 95 Emerging soil fertility problems in Bangladesh

A.C. Roy

- 98 Insect pest management in cropping systems

Shamsul Alam and Mainul Haq

- 99 Management of crop diseases in farmers' fields in a rice-based cropping systems in Bangladesh

S.A. Miah

- 101 Weed management in rice-based cropping systems

Nizam U. Ahmed and S.A. Miah

103 SESSION VIII

- 105 Basic economic procedures for cropping systems research

Gordon R. Banta

- 107 Basic studies at cropping systems research sites

S.K.W. Jayasuriya

- 111 Water management concepts in cropping systems

Mohammad Abdul Ghani

- 112 Research-based production programme

Ahmed Hussain

- 113 Lists of participant