## CONTENT

FOREWORD	
WELCOME REMARKS	1
Rainfed lowland rice ecosystems : characterization and distribution	3
Production constraints of rainfed lowland rice in eastern India	25
Rainfed rice in West Bengal	53
INTERNATIONAL NETWORKS	
Cropping systems for rainfed lowland rice environments	59
Rice varietal testing in the rainfed lowlands of South and Southeast Asia	77
Results of INSFFER rainfed lowland rice trials	103
VARIETAL IMPROVEMENT	
Varietal improvement for rainfed lowland rice in South and Southeast Asia : results of a survey	115
Drought resistance in rainfed lowland rice	145
Breeding rice varieties for rainfed lowland areas	159
Breeding for drought-and submergence-prone rainfed lowland rice in Thailand	167
Screening for submergence tolerance	177
Breeding for submergence tolerance in rice in India	191
Tolerance of rice varieties for stagnant flooding	201
Integrated breeding program for medium-deep, stagnant-water, rainfed rice in India	207
Integrated breeding program for medium-deep, stagnant-water, rainfed rice in Bangladesh	217 223
Breeding program for medium-deep waterlogged rainfed lowland rice in Burma	223
Progress in breeding rice for medium deep water rainfed lowland areas in Vietnam Varietal Improvement and resistance to insect pests	235 241
Disease resistance in rainfed lowland rice	253
Breeding for soil stresses	263
biccuing for son success	205
SOIL, CROP, AND WATER MANAGEMENT	
Soil fertility and fertilizer management for rainfed lowland rice	275
Management techniques to overcome soil salinity problems in coastal rainfed lowland rice	285
Efficient use of water for rainfed lowland rice	295
Physical characteristics of lowlands and promising traditional and new cropping patterns	311
Associated crops in rice-based cropping systems	323
PEST MANAGEMENT	
Diseases and disease management of rainfed lowland rice	339
Management of insect pests in rainfed lowland rice	349
Weed control in rainfed lowland	359
Rat control in rice	371
TECHNOLOGY TRANSFER	
Operational research projects on rice in India	383
Transfer of technology for increasing yields of rainfed rice in eastern India	391
Prospects for rainfed lowland rice production in India by the year 2000	395
RECOMMENDATIONS	417
PARTICIPANTS	417 426
INDEX OF VARIETIES	420
	<b>-</b> J2