

Contents

Acknowledgements 11

1. *P.M. Bhargava and C. Chakrabarti*
Implications of the use of biotechnologies in developing countries,
with special reference to India 15
- ✓ 2. *S.D. Deo*
Implications of biotechnologies for Third World agriculture:
lessons of the past and prospects 19
3. *G. Otero*
Biotechnology and economic restructuring: towards a new
technological paradigm in agriculture? 27
4. *S.S. Filho*
Biotechnologies végétales : évolution et implications 37
- ✓ 5. *F.C. Sercovich*
Industrial biotechnology policies: guidelines for developing
countries 49
6. *I. Ahmed*
Biotechnology and rural labour absorption 57
- ✓ 7. *G. Junne*
The impact of biotechnology on international trade 73
- ✓ 8. *M. Kenney*
Biotechnology and the public sector 83
- 9. *P.F. Greenfield*
Developing public sector-private enterprise links in biotechnology:
experiences in South-East Asia and Australia 93
10. *C. Brenner*
Biotechnology and changing comparative advantage: lessons from
maize 101
11. *J.O. Mugabe*
Biotechnology and African economies: long-term policy
issues 113

12. *I. Robertson*
Will biotechnologies be a threat or an opportunity for the South? A report on the current status and future targets for biotechnology-aided development in Africa, in particular Zimbabwe 123
13. *M. Ben Said*
Incidences socio-économiques du développement des biotechnologies dans les domaines agricole et alimentaire en Tunisie et dans la région sud-méditerranéenne 129
14. *A. Martel*
Possible impacts of biotechnology on Venezuela's agro-industry 133
15. *Xu Zhao-Xiang*
The socio-economic impact of biotechnologies on China's rural development 139
16. *Hong-ik Chung*
Biotechnology research and development in the Republic of Korea 149
17. *S. Bhumiratana*
Biotechnology for rural development in Thailand 155

A. Sasson

Conclusions 163