Contents

Foreword by Dinesh Mehta, UN-Habitat x
Preface by Henk de Zeeuw, RUAF Foundation xii

1 Introduction, Cities Farming for the Future
   René van Veenhuizen 1

2 Sustaining Urban Agriculture Requires the Involvement of Multiple Stakeholders
   Marielle Dubbeling and Gunther Merzthal
   Case Studies: Rosario, Delft, Vancouver 19

3 Integration of Agriculture in Urban Land Use Planning and Adaptation of City Regulations
   Takawira Mubvami and Shingirayi Mushamba
   Case Studies: Abidjan, Beijing, Valadares 53

4 Financing and Investment for Urban Agriculture
   Yves Cabannes
   Case Studies: Kathmandu, Gaborone, Porto Alegre 87

5 Gendering the Urban Agriculture Agenda
   Alice Hovorka and Diana Lee Smith
   Case Studies: Hubli-Dharwad, Lima, Thiès 125

6 Urban Agriculture and the Building of Communities
   Jac Smit and Martin Bailkey
   Case Studies: Cape Town, Madison, Havana 145

7 Local Economic Development and Marketing of Urban Produced Food
   Paule Moustier and George Danso
   Case Studies: Beijing, Brazil, Kumasi 171

8 Recycling of Urban Organic Waste for Urban Agriculture
   Olufunke Cofie, A. Adams Bradford and Pay Dreschel
   Case Studies: Marilao, Kumasi, Nairobi 207

9 Wastewater Use for Urban and Peri-urban Agriculture
   Stephanie Buechler, Gayathri Devi Mekala and Ben Keraita
   Case Studies: Hyderabad, MENA, Kumasi 241
10 Participatory Technology Development for Urban Agriculture: collaboration and adaptation along the urban-rural transect
Gordon Prain
Case Studies: Lima, Cagayan de Oro, Kampala
Resources

11 Urban Horticulture
Philippe Tixier and Hubert de Bon
Case Studies: Hanoi, Dakar, Yaounde, Addis Ababa
Resources

12 Livestock Keeping in Urbanised Areas, does history repeat itself?
Hans Schiere, Éric Thys, Francine Matthys, Barbara Rischkowsky and Jaap Schiere
Case Studies: Addis Ababa, Sweden, Montevideo
Resources

13 Urban Aquatic Production
Stuart Bunting, David Little and William Leschen
Case Studies: Bangkok, Kolkata, Lima
Resources

14 Urban Forestry for Multifunctional Urban Land Use
Cecil Konijnendijk and Michelle Gauthier
Case Studies: Shanghai, Abia State, UK
Resources

List of Acronyms and Abbreviations 443
List of Figures, Tables and Boxes 446
The Authors 449
The Cases 451
RUAF Partners List 457
General Resources 458