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ISSUES IN AGRICULTURAL COMPETITIVENESS

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Issues in Agricultural Competitiveness

Markets and Policies

Edited by
Roger Rose, Carolyn Tanner
and Margot A. Bellamy



International Association of Agricultural Economists

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FOREWORD

This book is the seventh in the IAAE *Occasional Paper* series. It contains the 45 contributed papers — together with the discussion opening and summary of general discussion presented at the Twenty-Second International Conference of Agricultural Economists, Harare, Zimbabwe, 22–29 August 1994. A companion publication, *Agricultural Competitiveness: Market Forces and Policy Choice* (edited by G.H. Peters and Douglas D. Hedley), published in 1995, contains the plenary and invited papers presented at the conference and also appears under the imprint of the Dartmouth Publishing Company.

The contributed papers were refereed using a double blind refereeing process. The 45 papers presented in contributed paper sessions and published in full were selected from a total of 257. A further 119 papers were selected for presentation in the poster programme. The 44 referees representing 24 countries and 6 continents, were Giovanni Anania (Universita degli studi della Calabria), Malcolm D. Bale (World Bank), Vishwa Ballabh (Institute of Rural Management, India), Herbert I. Behrmann (University of Natal), Olof Bolin (Swedish University of Agricultural Sciences), John R. Brake (Cornell University), Elisabetta Croci-Angelini (University of Siena), Elmar R. da Cruz (Empresa Brasileira de Pesquisa Agropecuária), Dana G. Dalrymple (US Agency for International Development), Cristina C. David (International Rice Research Institute), Paulo F.C. de Araujo (University of Sao Paulo), Eugenia M. de Rubinstein (Universidad Catolica de Chile), Fumio Egaitsu (The University of Tokyo), Robert Evenson (Yale University), John Graham (IDRC), Harold Guither (University of Illinois), Larry Harrington (Centro Internacional de Mejoramiento de Maíz y Trigo), D.R. Harvey (University of Newcastle Upon Tyne), Marvin L. Hayenga (Iowa State University), M.A. Jabbar (International Livestock Centre for Africa), Habibullah Khan (National University of Singapore), Yoav Kislev (Hebrew University of Jerusalem), Donald Larson (The Ohio State University), Gordon MacAulay (The University of Sydney), Paavo Mäkinen (Ministry of Agriculture and Forestry, Finland), Laurent Martens (University of Gent), Joseph G. Nagy (Hunting Technical Services, Pakistan), James Obben (University of Brunei Darussalam), Tongroj Onchan (Kasetsart University), Sushil Pandey (International Rice Research Institute), Epictetus Patalinghug (University of the Philippines), Ewa Rabinowicz (Swedish University of Agricultural Sciences), Thomas Reardon (Michigan State University), Günther Schmitt (Georg-August-Universität Göttingen), David B. Schweikhardt (Michigan State University), Chamhuri Siwar (University of Kebangsaan), Reza Soltani (Shiraz University), Stefan Tangermann (Georg-August-Universität Göttingen), Luther G. Tweeten (The Ohio State University), Cornelis L.J. van der Meer (National Council for Agricultural Research, The Netherlands), Michele Veeman (University of Alberta), Vijay S. Vyas (Institute of Development Studies, Jaipur), Timothy O. Williams (International Livestock Centre for Africa) and Hiroshi Yamauchi (University of Hawaii).

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International, Wallingford, UK). Roger Rose also undertook the task of organising the contributed paper sessions at Harare Conference. The poster paper sessions were in the capable hands of Kenneth Thomson (University of Zimbabwe). At the conference Emma Matimati (University of Zimbabwe) provided important secretarial assistance to the organisers. The staff of Dartmouth Publishing Company, in particular John Irwin and Sonia Hubbard, were constantly supportive and tolerant of delays in preparation of the text. We cannot disguise the fact that delays did occur though the authors who have waited for their papers to appear, and those who wished to read them, are assured that the late publication could not possibly have been foreseen when the work of editing and preparation was put in hand.

The views expressed in the papers are the responsibility of the authors, and are not necessarily those of the IAAE or of the institutions with which authors and editors are associated.

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