Record Nr. UNINA9910824686603321 Crop variety improvement and its effect on productivity: the impact of **Titolo** international agricultural research // edited by R.E. Evenson and D. Gollin Wallingford, Oxon, UK; ; Cambridge, MA, USA, : CABI Pub., c2003 Pubbl/distr/stampa **ISBN** 1-280-82962-1 9786610829620 0-85199-853-4 Edizione [1st ed.] Descrizione fisica 1 online resource (548 p.) Altri autori (Persone) EvensonRobert E <1934-> (Robert Eugene) GollinDouglas Disciplina 631.5/2 Soggetti Field crops - Breeding Field crops - Genetics Crop improvement Agriculture - Research - International cooperation Agricultural productivity Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references. Nota di bibliografia Nota di contenuto Contributors: Foreword: Acknowledgements: Acronyms and Abbreviations: 1 Study Design and Scope: 2 Crop Genetic Improvement in Developing Countries: Overview and Summary; 3 Objectives and Methodology: Crop Genetic Improvement Studies: 4 Wheat: 5 International Research and Genetic Improvement in Rice: Evidence from Asia and Latin America; 6 Ecological Diversity and Rice Varietal Improvement in West Africa: 7 Impacts of CIMMYT Maize Breeding Research: 8 Impact of IITA Germplasm Improvement on Maize Production in West and Central Africa; 9 Impacts of Genetic Improvement in Sorghum 10 Impacts of Genetic Enhancement in Pearl Millet11 The Impact of International and National Investment in Barley Germplasm Improvement in the Developing Countries; 12 The Impact of CIAT's

Genetic Improvement Research on Beans; 13 Economic Impact of International and National Lentil Improvement Research in Developing

Countries; 14 Impacts of Genetic Improvement in Groundnut; 15 Potato Genetic Improvement in Developing Countries and CIP's Role in Varietal Change; 16 The Impact of IARC Genetic Improvement Programmes on Cassava; 17 Objectives and Methodology for Country Studies 18 The Impact of Investments in Agricultural Research on Total Factor Productivity in China19 Crop Genetic Improvement Impacts on Indian Agriculture; 20 Brazil; 21 Modern Variety Production: a Synthesis; 22 Production Impacts of Crop Genetic Improvement; 23 The Economic Consequences of Crop Genetic Improvement Programmes; Index

## Sommario/riassunto

This volume reports the findings of a study of the productivity impacts of varietal improvements research conducted at a number of international centres affiliated with the Consultative Group on International Agricultural Research.