

1. Record Nr.	UNINA9910780317803321
Titolo	Farmers, scientists, and plant breeding [[electronic resource] ] : integrating knowledge and practice / / edited by David A. Cleveland and Daniela Soleri
Pubbl/distr/stampa	Wallingford, Oxon ; ; New York, : CABI, c2002
ISBN	1-280-82975-3 9786610829750 0-85199-881-X
Descrizione fisica	1 online resource (350 p.)
Altri autori (Persone)	ClevelandDavid Arthur SoleriDaniela
Disciplina	631.5/2
Soggetti	Plant breeding Farmers Agricultural extension work
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: 1 Introduction: Farmers, Scientists and Plant Breeding: Knowledge, Practice and the Possibilities for Collaboration -- David A. Cleveland and Daniela Soleri -- Part 1. Farmer Plant Breeders and Collaboration -- 2 Understanding Farmers' Knowledge as the Basis for Collaboration with Plant Breeders: Methodological Development and Examples from Ongoing Research in Mexico, Syria, Cuba and Nepal -- Daniela Soleri, David A. Cleveland, Steven E. Smith, -- Salvatore Ceccarelli, Stefania Grando, Ram B. Rana, -- Deepak Rijal and Humberto Rios Labrada -- 3 Economics Perspectives on Collaborative Plant Breeding for Conservation of Genetic Diversity On Farm -- Melinda Smale -- 4 Social and Agroecological Variability of Seed Production and the Potential Collaborative Breeding of Potatoes in the Andee Countries -- Karl Zimmerer -- 5 Farmers' Views and Management of Sorghum Diversity in Western Harerghe, Ethiopia: Implications for Collaboration with Formal Breeding -- Shawn J. McGuire -- 6 How Farmer-Scientist Cooperation is Devalued and Revalued: a Philippine Example -- David

Frossard -- Part 2. Scientific Plant Breeders and Collaboration -- 7  
Selecting with Farmers: the Formative Years of Cereal Breeding and  
Public Seed in Switzerland (1889-1936) -- Jiirg Schneider -- 8 Theory,  
Empiricism and Intuition in Professional Plant Breeding -- Donald N.  
Duvick -- 9 Conceptual Changes in Cuban Plant Breeding in Response  
to a National Socio-economic Crisis: the Example of Pumpkins --  
Humberto Rios Labrada, Daniela Soleri and David A. Cleveland -- 10  
Participatory Plant Breeding in Rice in Nepal -- Krishna D. Joshi,  
Bhuwon Sthapit, Madhu Subedi and John -- R. Witcombe -- 11  
Collaborative Maize Variety Development for Stress-prone  
Environments in Southern Africa -- Marianne Binziger and Julien de  
Meyer -- 12 Plant Breeding with Farmers Requires Testing the  
Assumptions of Conventional Plant Breeding: Lessons from the ICARDA  
Barley Program -- Salvatore Ceccarelli and Stefania Grando.

---

Sommario/riassunto

The purpose of this book is to examine the nature of and relationship  
between the knowledge of farmers and of scientists, and how these can  
be best integrated in plant breeding.

---