

1. Record Nr.	UNINA9910450723603321
Titolo	Crop-soil simulation models [[electronic resource]] : applications in developing countries // edited by Robin Matthews and William Stephens
Pubbl/distr/stampa	Wallingford, Oxon, UK ; ; New York, NY, USA, : CABI Pub., c2002
ISBN	1-280-82966-4 9786610829668 0-85199-854-2
Descrizione fisica	1 online resource (292 p.)
Altri autori (Persone)	MatthewsRobin B StephensWilliam, Ph. D.
Disciplina	630/.1/13
Soggetti	Crops and soils - Computer simulation Crops - Computer simulation Soils - Computer simulation Crops and soils - Mathematical models Crops - Mathematical models Soils - Mathematical models Electronic books.
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 (p. 235-265).
Nota di contenuto	Contributors; Abbreviations; Preface; 1 Introduction; Part 1: Models as tools in research; 2 Models as Research Tools; 3 Crop Genotype Improvement; 4 Crop Management; 5 Cropping and Farming Systems; 6 Regional and National Planning; 7 Global Level Processes; Part 2: Models as decision-support tools; 8 Decision Theory and Decision Support Systems; 9 Tools to Support Operational Decision Making; 10 Tools to Support Strategic Decision Making; 11 Why has the Uptake of Decision Support Systems been so Poor?; Part 3: Models as tools in education and training 12 Using Models as Tools in Education and TrainingPart 4: Have crop models been useful?; 13 Who are Models Targetted at?; 14 Impacts of Crop-Soil Models; Part 5: The way forward; 15 Where to Now with Crop

Modelling?; 16 Concluding Remarks Robin Matthews and William Stephens; References; Appendix: Personal Communications; Index

Sommario/riassunto

The use of crop-soil modelling has so far been mainly confined to the research community. Practical applications have occurred in the areas of decision tools for irrigation studies and pest management. However, there is potential to increase its applied use. This book reviews progress.