

1. Record Nr.	UNINA9910877416203321
Titolo	Practical applications of agricultural system models to optimize the use of limited water // Lajpat R. Ahuja, Liwang Ma, and Robert J. Lascano, editors
Pubbl/distr/stampa	Soil Science Society of America Madison, WI
ISBN	0-89118-344-2
Disciplina	631.701/1
Soggetti	Water conservation Irrigation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Quantifying corn yield and water use efficiency under growth stage-based deficit irrigation conditions / Quan X. Fang, L. Ma, David C. Nielsen, Thomas J. Trout, and L.R. Ahuja -- Modeling for best management of the effects of irrigation frequencies, initial water, and nitrogen on corn / S.A. Saseendran, L.R. Ahuja, L. Ma, and T.J. Trout -- A mobile irrigation water management system using a collaborative GIS and weather station networks / A.A. Andales, T.A. Bauder, and M. Arabi -- Circular planting to enhance rainfall capture in dryland cropping systems at a landscape scale: measurement and simulation / Robert J. Lascano and J. Randall Nelson -- Quantifying and managing corn water use efficiencies under irrigated and rainfed conditions in Nebraska using the hybrid-maize simulation model / Haishun Yang and Patricio Grassini -- Modeling to evaluate and manage water and environmental sustainability of bioenergy crops in the United States / James R. Kiniry, Manyowa N. Meki, Thomas E. Schumacher, Cody J. Zilverberg, Felix B. Fritschi, and Vijaya G. Kakani -- Using a model and forecasted weather to predict forage and livestock production for making stocking decisions in the coming growing season / Quan X. Fang, L.R. Ahuja, Allan A. Andales, and Justin D. Derner -- Providing user-oriented uncertainty information with a vineyard model used for irrigation decisions / Sebastien Roux, Xavier Delpuech, Gabriel Daudin, Francois

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