1. Record Nr. UNINA9910821792803321

Titolo	Water and fertigation management in micro irrigation / / edited by Megh R. Goyal, PhD, PE
Pubbl/distr/stampa	Toronto : , : Apple Academic Press, , 2016
ISBN	0-429-15713-4 1-4987-2003-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (349 p.)
Collana	Research Advances in Sustainable Micro Irrigation ; ; Volume 9
Disciplina	631.5/87 631.587
Soggetti	Microirrigation Irrigation farming Water in agriculture Soils - Fertilizer movement Arid regions agriculture
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 at the end of each chapters.
Nota di contenuto	FRONT COVER; CONTENTS; LIST OF CONTRIBUTORS; LIST OF ABBREVIATIONS; LIST OF SYMBOLS; PREFACE; FOREWORD 1; FOREWORD 2; FOREWORD 3; FOREWORD 4; WARNING/DISCLAIMER; ABOUT THE SENIOR EDITOR-IN-CHIEF; BOOK REVIEWS; OTHER BOOKS ON MICRO IRRIGATION TECHNOLOGY FROM AAP; CHAPTER 1 - HISTORICAL EVOLUTION OF EVAPOTRANSPIRATION METHODS; CHAPTER 2 - EVAPOTRANSPIRATION WITH DISTANT WEATHER STATIONS; CHAPTER 3 - PRINCIPLES OF DRIP/MICRO OR TRICKLE IRRIGATION; CHAPTER 4 - WEED MANAGEMENT IN CROPS WITH MICRO IRRIGATION: A REVIEW; CHAPTER 5 - MICRO IRRIGATION TECHNOLOGY IN INDIA CHAPTER 6 - ADVANCES IN FERTIGATION FOR MICRO IRRIGATION: INDIACHAPTER 7 - DESIGN OF AN EMITTER; CHAPTER 8 - ENERGY COST IN DRIP IRRIGATED PEACH ORCHARD; CHAPTER 9 - PERFORMANCE OF PEACH TREES UNDER ULTRA LOW DRIP IRRIGATION; CHAPTER 10 - WATER PRODUCTIVITY AND FERTILIZER USE EFFICIENCY OF DRIP IRRIGATED MAIZE; CHAPTER 11 - WATER DISTRIBUTION UNDER SURFACE EMITTER AND SUBSURFACE TEXTILE IRRIGATION; CHAPTER 12

	- SALT DISTRIBUTION UNDER SUBSURFACE TEXTILE IRRIGATION AND DRIP IRRIGATED CITRUS; CHAPTER 13 - DESIGN OF A CORN PLANTER FOR SUBSURFACE MICRO IRRIGATION; APPENDICES; BACK COVER
Sommario/riassunto	This important volume, the ninth in the Research Advances in Sustainable Micro Irrigation book series, provides an invaluable addition to the literature and knowledge on the ever-growing need for sustainable irrigation for agricultural crops in many water-scarce parts of the world. The book specifically covers advances in fertigation for water management in general as well as for specific crops, such as peaches, maize, and citrus crops. Specific topics include: The design of various surface and subsurface water emitters Using information from weather stations for irrigation purposes Ultra low