

1. Record Nr.	UNINA9910141450103321
Titolo	Aquaculture pond fertilization [[electronic resource]] : impacts of nutrient input on production // edited by Charles C. Mischke
Pubbl/distr/stampa	Ames, Iowa, : Wiley-Blackwell, 2012
ISBN	1-280-67585-3 9786613652782 1-118-32941-4 1-118-32944-9 1-118-32942-2
Descrizione fisica	1 online resource (314 p.)
Classificazione	TEC049000
Altri autori (Persone)	MischkeCharles C (Charles Christopher)
Disciplina	639.3/1
Soggetti	Fish ponds - Fertilization Pond aquaculture
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: Contributors Preface Section 1: General Fertilization Concepts 1 Nutrient Cycling Claude E. Boyd 2 Pond Ecology Ana Milstein 3 Organic and Inorganic Fertilization Richard W. Soderberg 4 Water Quality and Pond Fertilization Claude E. Boyd 5 Environmental Issues in Pond Fertilization Claude E. Boyd and Li Li 6 Controlling Plant Pests Before Fertilization Jimmy L. Avery Section 2: Management Approaches to Pond Fertilization 7 Management Strategy 1: Manipulation of Pond Nutrient Ratios Jian G. Qin 8 Management Strategy 2: The Algal Bioassay Fertilization Strategy (ABFS): An Ecological Approach for Efficeint Pond Fertilization Christopher Knud-Hansen 9 Management Strategy 3: Fixed-Rate Fertilizer Applications Charles C. Mischke Section 3: Common Fertilization Practices Currently Used for Production of Selected Species Under Various Culture Conditions 10 Channel Catfish Pond Fertilization Charles C. Mischke 11 Walleye and Yellow Perch Pond Fertilization Christopher F. Hartleb, J. Alan Johnson, and James A. Held 12 Some Principles of Pond Fertilization for Nile Tilapia Using Organic and Inorganic Inputs James S. Diana 13 Fertilizing Sunshine Bass Production Ponds Gerald M.

Ludwig 14 Challenges to the Intensification of Largemouth Bass Culture
Shawn D. Coyle, Gerald Kurten, Steve Marple, and James H. Tidwell 15
Baitfish Pond Fertilization Nathan Stone 16 Carp Pond Fertilization
Debajyoti Chakrabarty and Sanjib Kumar Das 17 Sport Fish Pond
Fertilization J. Wesley Neal and Robert Kroger 18 Fertilization of Marine
Finfish Nursery Ponds for Aquaculture Production Charles R. Weirich
and Jesse A. Chappell Index.

Sommario/riassunto

"Aquaculture Pond Fertilization: Impacts of Nutrient Input on Production is a current, practical reference on the nutrient input techniques and strategies used to maximize production in freshwater pond culture systems. All fish raised in ponds require fertilizers to be added during certain developmental stages that differ from species to species. Pond culture systems are used across a wide variety of freshwater fish species and appropriate fertilization is an important component to raising robust, efficient fish. Fertilization regimens must factor in many variables ranging from location and water quality to species type, all of which can impact responses to fertilizer application. Aquaculture Pond Fertilization provides the reader with practical information on nutrient management and application from leading researchers in the field. Species specific chapters provide real world examples of fertilization strategies for such key species as catfish, bass, tilapia, perch, carp, sport fish, and ornamentals"--
