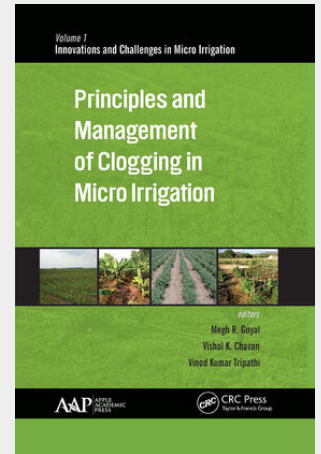


## Principles and Management of Clogging in Micro Irrigation

Micro irrigation, also known as trickle, drip, localized, high frequency, or pressurized irrigation, is an irrigation method that saves water and fertilizer by allowing water to drip slowly to the roots of plants, either onto the soil surface or directly onto the root zone, through a network of valves, pipes, tubing, and emitters. It is done through narrow tubes that deliver water directly to the base of the plant. Clogging is a menace in the success of drip irrigation systems, and the situation is more complex under subsurface drip irrigation. Irrigation planners and engineers have found a variety of innovative methods to help to minimize clogging. This book emphasizes the implications of micro irrigation clogging, especially under the subsurface placement of laterals. The book offers remedies to decrease clogging and methodologies to improve the performance of micro sprinklers. This valuable resource addresses this critical problem, covering: - Challenges in clogging under subsurface drip irrigation - Principles, practices, and management of emitter clogging - Efficiency of acidification for unclogging of emitters - Performance characteristics of micro sprinklers The book will serve as a reference manual for professionals in biological and civil engineering, horticulture, soil and crop science, and agronomy, as well as for graduate and undergraduate students in related fields. It will be a valuable reference for professionals who work with micro irrigation/wastewater and water management and for technical agricultural centers, irrigation centers, agricultural extension services, and other agencies that work with micro irrigation programs.



**103,50 €**

96,73 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

**Artikelnummer:** 9781774635865

**Medium:** Buch

**ISBN:** 978-1-77463-586-5

**Verlag:** Apple Academic Press

**Erscheinungstermin:** 31.03.2021

**Sprache(n):** Englisch

**Auflage:** 1. Auflage 2021

**Serie:** Innovations and Challenges in Micro Irrigation

**Produktform:** Kartoniert

**Gewicht:** 417 g

**Seiten:** 296

**Format (B x H):** 156 x 234 mm

