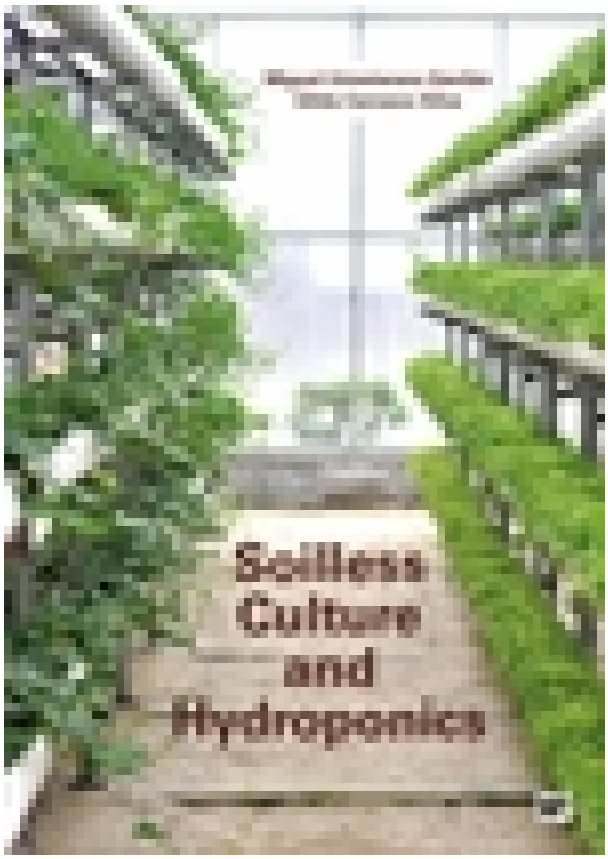
Mundi-Prensa

Soilless Culture and Hydroponics



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Autor: MIGUEL URRESTARAZU GAVILAN, GILDA CARRASCO SILVA
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Sinopsis

This book is aimed at professionals and technicians, students, and beginners, and has been written with the necessary rigour for productive success and environmental care.

It also allows those who are new to these techniques to delve deeper into this science and technique, recognising the keys and rules for obtaining promising results. This work is complemented with diagrams, figures and photographs that provide the reader with the fundamentals that complete the description of the systems and principles that govern these techniques.

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bases of soilless culture and hydroponics - substrates used in horticulture and their relationship with crop management - nutrient solutions for fertigation - fertigation techniques in soilless culture

Miguel Urrestarazu Gavilán is Full Professor of Soilless Crops at the University of Almería, Spain. Doctor (Dr.) in Protected Agriculture from the University of Almeria with a background in biological sciences at the University of Granada. He has carried out research and teaching work at undergraduate and postgraduate level in soilless and hydroponic farming systems at the university and has continued his professional and academic work on five continents. He is the author of many books, book chapters and scientific research articles, an activity that he carries out both in terms of dissemination and transfer to the productive sector, as well as in leading journals in the field of international scientific horticulture that respects the environment.

Gilda Carrasco Silva is Full Professor at the University of Talca, Chile. Doctor of Philosophy (PhD) University of London, Wye College, United Kingdom, and Agricultural Engineer from the Pontificia Universidad Católica de Chile. Her area of expertise is vegetable nutrition, hydroponics, and soilless cultivation techniques, which she has recently applied to the development of vertical agriculture. She has directed research and innovation projects in this specialty, undergraduate and postgraduate students, has written books, book chapters and scientific articles for research and technology transfer. She has given seminars and lectures in Latin America and Europe.

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Comercial
ZONA CENTRO
Norma Amezola
Tf: 52 1 56 2575 0552
E-MAIL: norma.amezola@paraninfo.mx
ZONA NORTE Y SUR
Nancy Ochoa
TF: 52 1 81 8362 1055
nancy.ochoa@paraninfo.mx
ADMINISTRACIÓN
ADMINISTRACIÓN
Guadalupe Gallegos
ventas@paraninfo.mx
52 5 52 4992 649