



agronomy



Special Issue Reprint

Soilless Culture, Growing Media and Horticultural Plants

www.mdpi.com/books/reprint/8470

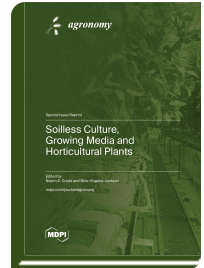
Edited by

Nazim Gruda

Brian Eugene Jackson

ISBN 978-3-0365-8760-8 (Hardback)

ISBN 978-3-0365-8761-5 (PDF)



This reprint showcases a collection of a Special Issue entitled “Soilless Culture, Growing Media and Horticultural Plants”. Within its pages, readers will find an assortment of 22 original papers accompanied by 1 review paper and 1 editorial. Representing a collaborative effort involving by 84 authors from 15 different countries, this Special Issue explores cutting-edge advancements in soilless culture, investigating the interaction between soilless and environmental factors while also exploring their consequential impacts on plant growth and physiology. Additionally, these studies meticulously scrutinize the accumulation of secondary metabolites. The compositions of nutrient solutions and the physical attributes of substrates and mixtures are illuminated through rigorous analyses. Furthermore, a spotlight is placed on the dynamic interactions between microorganisms and plant-growing media. In the near future, climate change and environmental and ecological issues will steer the trajectory of soilless culture systems and the choice of growing media constituents.



Order Your Print Copy

You can order print copies at

www.mdpi.com/books/reprint/8470

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.