Soilless Culture: Theory and Practice

Description: Plant production in hydroponics and soilless culture is rapidly expanding throughout the world, raising a great interest in the scientific community. For the first time in an authoritative reference book, authors cover both theoretical and practical aspects of hydroponics (growing plants without the use of soil). This reference book covers the state-of-the-art in this area, while offering a clear view of supplying plants with nutrients other than soil. Soilless Culture provides the reader with an understanding of the properties of the various soilless media and how these properties affect plant performance in relation to basic horticultural operations, such as irrigation and fertilization. This book is ideal for agronomists, horticulturalists, greenhouse and nursery managers, extension specialists, and people involved with the production of plants.

Comprehensive discussion of hydroponic systems, irrigation, and control measures allows readers to achieve optimal performance.

State-of-the-art book on all theoretical aspects of hydroponics and soilless culture including a thorough description of the root system, its functions and limitation posed by restricted root volume.

Critical and updated reviews of current analytical methods and how to translate their results to irrigation and fertilization practices.

Definitive chapters on recycled, no-discharge systems including salinity and nutrition management and pathogen eradication.

Up-to-date description of all important types of growing media.

Contents:

Chapter 1: Significance of soilless culture in agriculture

Chapter 2. Functions of the root system

Chapter 3: Physical characteristics of soilless media.

Chapter 4: Irrigation in Soilless Production

Chapter 5. Technical equipment in soilless production systems

Chapter 6: Chemical characteristics of soilless media

Chapter 7: Analytical methods used in soilless cultivation

Chapter 8: Nutrition of Substrate-Grown Plants

Chapter 9. Fertigation management and crops response to solution recycling in semi closed greenhouses

Chapter 10: Pathogen detection and management strategies in soilless plant growing systems

Chapter 11. Organic Soilless Media Components

Chapter 12: Inorganic and Synthetic Organic Components of Soilless Culture and Potting Mixes

Chapter 13: Growing plants in soilless culture: Operational conclusions

Ordering:

Order Online - [http://www.researchandmarkets.com/reports/1763473/](http://www.researchandmarkets.com/reports/1763473/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

- **Product Name:** Soilless Culture: Theory and Practice
- **Web Address:** [http://www.researchandmarkets.com/reports/1763473/](http://www.researchandmarkets.com/reports/1763473/)
- **Office Code:** SCD2JE6Q

Product Format
Please select the product format and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Hard Copy (Hard Back)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>USD 118 + USD 29 Shipping/Handling</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in **BLOCK CAPITALS**

- **Title:**
  - Mr
  - Mrs
  - Dr
  - Miss
  - Ms
  - Prof

- **First Name:** ______________________
- **Last Name:** ______________________
- **Email Address:** * ______________________
- **Job Title:** ______________________
- **Organisation:** ______________________
- **Address:** ______________________
- **City:** ______________________
- **Postal / Zip Code:** ______________________
- **Country:** ______________________
- **Phone Number:** ______________________
- **Fax Number:** ______________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World