



Md. Asaduzzaman  
Editor

Dr. Asaduzzaman is a native of Bangladesh and received a Ph.D. majoring in bioproduction science from Tottori University, Japan. His main research focuses are the development of hydroponic techniques for fruits, vegetables and ornamentals in greenhouses and the production of specialty crops under controlled environments, and agricultural crops that provide human health benefits beyond basic nutrition.

The publication will benefit many people and groups such as researchers, teachers and students of biological science, commercial hydroponic growers, and in the local/ urban/ metropolitan area or in places having environmental extremes. This book can be a great resource for the following functions:

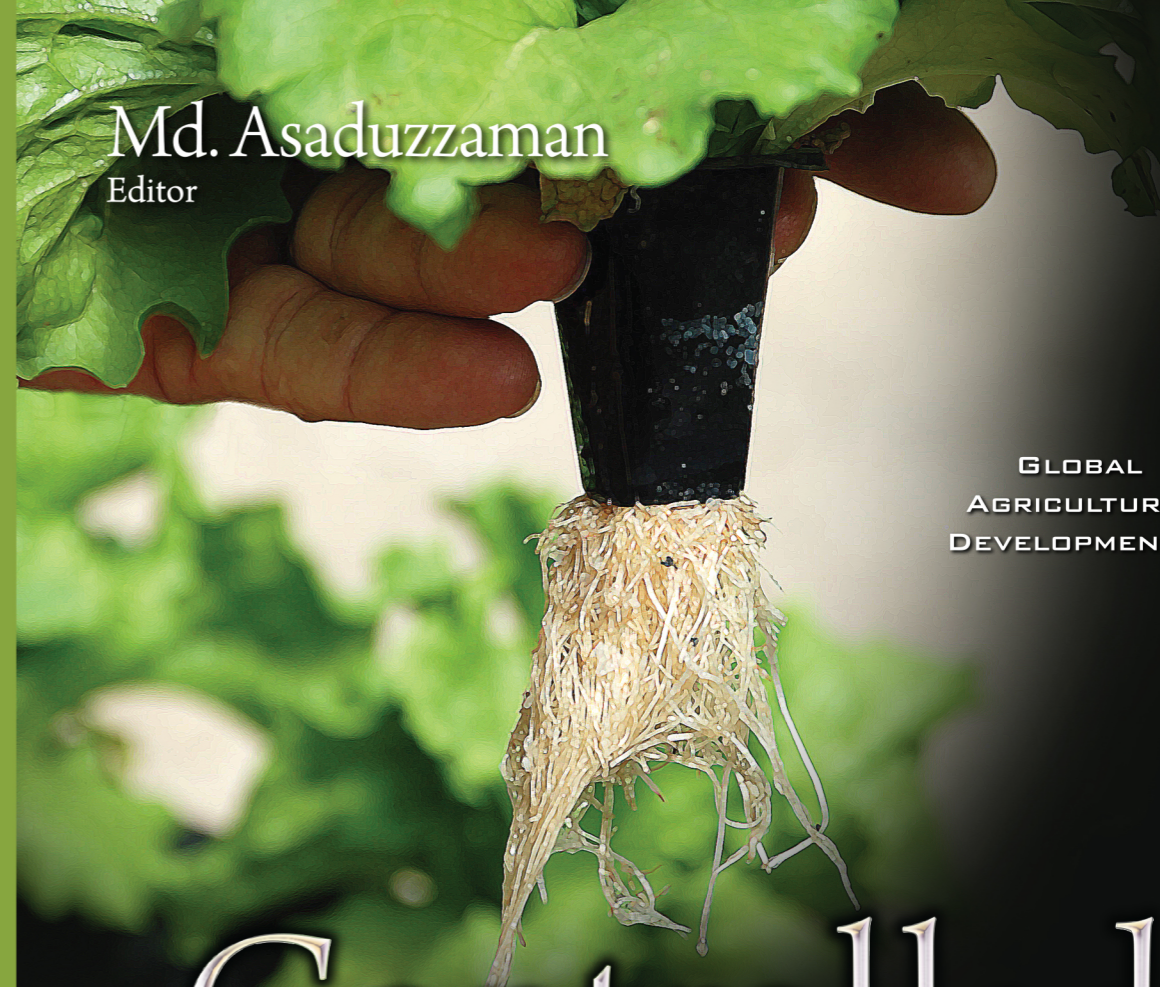
- In places where successful crop production is limited by environmental extremes such as arid land, coastal area, submerged area etc. The specialized culture techniques described in this book can be used successfully to supply fresh and nutritious vegetables.
- In developing countries low-tech CEA systems in which it can be used to provide intensive food production using limited acreage and resources.
- Fortification of mineral nutrients and production of specialty dietary components in the agricultural produce.
- Useful to the super market/expensive restaurant owners as they can supply a variety of fresh vegetables to the customers.

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# Controlled Environment Agriculture

Production of Specialty Crops Providing Human  
Health Benefits through Hydroponics

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