

Achieving sustainable cultivation of vegetables

Edited by Professor George Hochmuth
University of Florida, USA



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Achieving sustainable cultivation of vegetables

Edited by: Professor George Hochmuth, University of Florida, USA

Endorsement:

"Achieving sustainable cultivation of vegetables brings together current research information and expertise of leading vegetable researchers in Europe and North America... This extensive publication will be an excellent resource for all interested in improving their understanding of sustainable vegetable production technology and practices."
Emeritus Professor Darryl Warncke, Michigan State University, USA

Description:

Sustainability involves meeting current needs without compromising the ability to meet future requirements. Like other crops, vegetable cultivation faces a number of challenges in ensuring sustainable production. These challenges include the need to improve yields and quality to meet rising demand and higher consumer expectations, the need to reduce the ongoing threats from pathogens and pests. Focussing on temperate cultivation, *Achieving sustainable cultivation of vegetables* summarises the wealth of research addressing these challenges, from breeding improved varieties to better techniques for cultivation and crop protection.

Part 1 reviews advances in physiology and breeding. Parts 2-3 summarise advances in cultivation and pest management. The final part includes case studies on the breeding and cultivation of key vegetables such as carrot, lettuce and cabbage.

With its distinguished editor and range of expert authors, this will be a standard reference for horticultural scientists in universities, government and other research centres involved in supporting vegetable cultivation, as well as companies supporting the vegetable sector.

Key features:

- Discusses advances in research on vegetable physiology and genetics
- Comprehensive review of research on best practice in cultivation, including soil health, pest management as well as organic and protected vegetable cultivation
- Wide-ranging coverage of key vegetables such as carrot, lettuce and cabbage

Audience:

Academic researchers in horticultural science; international and national agencies supporting vegetable cultivation; companies supplying the horticultural sector

Editor details:

Dr George Hochmuth is Emeritus Professor of Soil and Water Sciences at the University of Florida, USA. Professor Hochmuth is a Fellow of the American Society for Horticultural Science and has published widely on nutrition management and other aspects of fruit and vegetable cultivation. He is co-author of Knott's Handbook for Vegetable Growers. He is former Director of the North Florida Research and Education Center (NFREC) at the University of Florida.

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