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## Growth, Quality and Biotechnology

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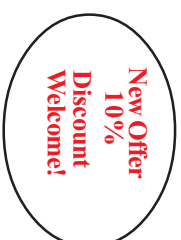
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## Fruits:

*Growth, Nutrition, and Quality*

Edited by Ramdane Dris, PhD

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### Book Summary:

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# Vegetables:

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Edited by **Ramdane Dris, PhD**

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## Book Information



**Book Summary:** Swelling population pressures and changing eating habits have increased the demands for quality vegetables and ways to sustain better harvest yield. To address these concerns Vegetables: Growing Environment and Mineral Nutrition pulls together from around the world comprehensive research on the influence of growing conditions on the production of quality vegetables. Respected authorities discuss in detail various aspects of plant growth, development, mineral nutrition, production and quality improvement of vegetables.

Vegetables: Growing Environment and Mineral Nutrition is a solid detailed text for educators, growers, researchers, and students, packed with the latest information from a multitude of sources on the best approaches to maximize the quality, nutrition, and yield of most vegetables. Crop protection, tillage equipment, field preparation, seeds and transplants, irrigation and spraying systems, harvest and postharvest handling, season extension, integrated pest management, and environmentally friendly ways of handling insects, diseases, weeds, and wildlife are all thoroughly discussed. Sources are exhaustively presented at the end of each chapter, and the book employs numerous helpful illustrations, photographs, tables, and charts for clarity of thought. Vegetables: Growing Environment and Mineral Nutrition gathers together in one volume vital vegetable growth, cultivation, and harvest information, making it an essential resource for educators, horticulturists, food technologists, agriculturalists, environmentalists, researchers, and students.

### Book Details:

**Editor:** Ramdane Dris PhD; **Publisher:** WFL (Helsinki, Finland)  
**Amount of chapter:** 18; **Length of the book:** Over 320 pages;  
**Book size:** A4; **Photos:** Colour, white & black; **Book cover:** Soft;  
**Cost:** 170 (add postage)

### Book Contents:

1. Sustainable Vegetable Production (Bharat P. Singh, Michael Bader, Darbie Granberry, Theodore Webster, Terry Kelley, Stanley Culppeper, George Boyhan, David Riley, Upendra M. Sainju, David Langston, Shradh Phatak, Greg Fonsah, and Paul Sumner)
2. Growing Leafy Vegetables for Fresh Markets (W. A. P Weerakkody)
3. Eggplant Cultivation, Growth, and Fruit Production (Ramdane Dris and Mohammad Mahdi Pessarakti)
4. Growth Responses and Nitrogen-15 Uptake of Tomatoes Under Salt Stress (Mohammad Pessarakti)
5. Potato As Biofactories for the Production of Vaccines (José M. Martín Alonso, Francisco Parra, Sonia Castañón, and Ricardo Ordás)
6. Growth and Nutrition of Some Vegetables in Zambia (Obedi M. Lungu)
7. Technological Management and Factors Influencing Seed Quality of Vegetable Crops (Nikolay Panyotov)
8. Integrated Disease Management for Clubroot of Vegetable Brassicas (L.-H. Cheah and R. E. Falloon)
9. Garlic (Rina Niskanen and Ramdane Dris)
10. Response of Okra (*Hibiscus esculentus*) to Drought and Salinity Stresses (M. Yasin Ashraf, M. Ashraf, and G. Sarwar)
11. Ion Transport Under Salinity or Water Stress (Ajaf M. Hamada)
12. Heavy Metals in the Environment and the Possibility of Reducing Their Content in Crops (Malgorzata Ponteczialek, Agnieszka Sekara, and Jaroslaw Ciura)
13. Mineral Nutrition of Tomato (Upendra M. Sainju and Ramdane Dris)
14. Problems of Tomato and Potato Nutrition in Near East/WANA Region Countries (A. F. A. Fawzi)
15. Vegetables As Functional Foods: Selenium-Enriched Potatoes (Valeria Poggi, Leonardo Setti, Alessandra Bordoni, and Pier Luigi Biagi)
16. Asparagus: Extending the Harvest Season and the Quality of Produce (Pankaj Kumar Bhowmik and Toshiyuki Matsui)
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