

and root cellars. It includes growing tips for 50 vegetable crops, a planting schedule for extended harvests for all locations in the US, and sources of tools and supplies. Available for 19.95 from:

Chelsea Green Publishing
P.O. Box 513
Lebanon, NH 03766
800-639-4099

Coleman, Eliot. 1995. *The New Organic Grower: A Master's Manual of Tools and Techniques for the Home and Market Gardener*, 2nd Ed. Chelsea Green, White River Junction, VT. 340 p.

Written primarily for the market gardener with 1 to 5 acres, the book is based on over 25 years of study and personal experience. It covers everything from land selection to marketing, including soil fertility management, field layout and spacing, rotations, direct seeding, transplanting, cultivation, season extension, and integration of livestock into the vegetable system. Extensive chapter notes and annotated bibliography. Available for \$24.95 from Chelsea Green (see address above).

Coleman, Eliot and Barbara Damrosch. 1998. *The Winter Harvest Manual*. Four Season Farm, Harborside, ME. 56 p.

Emphasis is on commercial production of greenhouse vegetables. Available for \$15 from:

Four Season Farm
RR Box 14
Harborside, ME 04642

Grotzke, Heinz. 1990. *Biodynamic Greenhouse Management*. Biodynamic Farming and Gardening Association, Kimberton, PA. 112 p.

One of the few publications specific to organic greenhousing. Grotzke has chapters on soils, fertilization, and biodynamic preparations, but they are short on technique and mostly contain insights on the biodynamic view of greenhousing. He states that soilless culture systems lack essential microorganism activity and therefore only soil-based potting mixes or ground culture systems can produce biodynamic quality produce.

Available for \$12 from:

Fertile Ground Books
PO Box 2008
Davis, CA 95617
800-540-0170
<http://www.agaccess.com/>

Twenty-one separate fact sheets comprise the 137-page *Greenhouse Vegetable Guide*, which treats topics ranging from locating and constructing the greenhouse to insects and diseases attacking greenhouse vegetables. Included is an 18-page fact sheet on production economics, marketing, and

financing of greenhouse vegetables. It is available for \$10.00; make checks payable to TAEX. Contact:

Greenhouse Publications
Room 225 HFSB
Texas A&M University
College Station, TX 77843-2134

Hydro-Gardens, Inc. in Colorado Springs, Colorado, carries a large selection of publications on greenhouse vegetable production. See their web site for a complete listing. Contact:

Hydro-Gardens, Inc.
P.O. Box 25845
Colorado Springs, CO 80936
888-693-0578
<http://www.hydro-gardens.com/>

Selected Publications available from Hydro-Gardens, Inc.

Florida Greenhouse Vegetable Production Handbook. \$19.95

Greenhouse Tomatoes, Lettuce & Cucumbers, by S.H. Wittwer and S. Honma. \$17.95

Nutritional Diseases in Glasshouse Tomatoes, Cucumbers, and Lettuce, by Roorda van Eysinga and K.W. Smilde. \$53

Vertical Plant Production Manual. \$35

Greenhouse Tomato Instructional & Plant Culture Manual. \$10

Growing Greenhouse Tomatoes in Soil and in Soilless Media. Available only on the Internet.

Soilless Culture of Commercial Greenhouse Tomatoes. \$3

Greenhouse Cucumber Instructional and Plant Culture Manual. \$10

Growing Greenhouse Cucumbers in Soil and in Soilless Media. Available only on the Internet.

Cucumber Diseases, by W.R. Jarvis and V.W. Nuttall. \$5

The Cultivation of European Cucumbers in Greenhouses. By Nunhems Seed Company, Holland. \$5

Greenhouse Pepper Pamphlet. \$2

Periodicals:

The Growing Edge is a bi-monthly magazine that focuses on hydroponics and high-tech gardening from an ecological angle. The emphasis is on greenhouses, hydroponics, artificial lighting, drip irrigation, and other protected culture methods. Special issues have featured articles on bioponics and organic soilless culture. Back issues are available. Contact:

The Growing Edge
New Moon Publishing
341 SW 2nd Street
Corvallis, OR 97333
800-888-6785
<http://www.growingedge.com/>
\$26.95/year

Trade Publications:

The trade journals listed below regularly review greenhouse developments and products. The buyer's guide issues are a comprehensive source of supplies.

Greenhouse Grower
Meister Publishing Company
37733 Euclid Ave.
Willoughby, OH 44094
440-942-2000
440-942-0662 Fax
<http://www.greenhousegrower.com>
\$29/year for 12 issues; Buyer's Guide issue every summer

GMPro (Greenhouse Management & Production)
Branch-Smith Publishing
PO Box 1868
Fort Worth, TX 76101
800-434-6776
817-882-4120
817-882-4121 Fax
<http://www.greenbeam.com>
12 issues/year; free to qualified greenhouse growers; \$96/year for non-growers

Greenhouse Product News
Scranton Gillette Communications, Inc.
380 E. Northwest Hwy.
Des Plaines, IL 60016-2282
847-298-6622
847-390-0408 Fax
<http://www.greenhouseproductnews.com>
\$30/year for 12 issues

GrowerTalks
Ball Publishing Co.
P.O. Box 9
335 N. River Street
Batavia, IL 60510-0009
630-208-9080
630-208-9350 Fax
<http://www.growertalks.com>
\$25/year for 14 issues

American Vegetable Grower
Meister Publishing Co.
37733 Euclid Avenue
Willoughby, OH 44094
440-942-2000
440-942-0662 Fax
<http://www.greenhousegrower.com>
\$15.95/yr, 12 issues. Buyer's Guide published in July issue.

Web Sites:

<http://www.ces.ncsu.edu/depts/hort/hil/hil-32-a.html>
Greenhouse Vegetable List of References

http://www.cahe.nmsu.edu/pubs/_circulars/circ556.html
Greenhouse Vegetable Production
New Mexico State University
An excellent overview of greenhouse vegetable production. The circular includes information on Site Selection, Greenhouse Design, Greenhouse Coverings, Environment, Soil Culture, Hydroponic Culture, Carbon Dioxide, IPM, and Disease. The circular is specific to tomato, cucumber, and lettuce production.

<http://aggie-horticulture.tamu.edu/greenhouse/ghhdbk/handbook.html>
<http://aggie-horticulture.tamu.edu/greenhouse/guides/green/green.html>
Texas Greenhouse Management Handbook
Texas A&M University, Aggie Horticulture
Comprehensive information on Greenhouse Structures, Greenhouse Heating Requirements, Growing Media, Growing Media & pH, Fertilizing Greenhouse Crops, Calculating Parts Per Million, Diagnosing Nutritional Deficiencies, Irrigating Greenhouse Crops, Monitoring the Quality of Irrigation Water, Treating Irrigation Water, Managing Soluble Salts, Air, Water and Media...Putting Them All Together, and Additional References for Greenhouse Management.

<http://ext.msstate.edu/pubs/pub1957.htm>
Starting A Greenhouse Business
Mississippi State University, Cooperative Extension
Service

This information sheet provides an overview of factors to be considered by the greenhouse business. The cost estimates used are intended for informational purposes only, since costs vary depending on the supplier and crop mix selected.

<http://www.greenhouse-bbs.com>
Greenhouse Industry Trade Show On-Line
Online resource to greenhouse growers, suppliers, buyers, and researchers.

<http://www.ext.vt.edu/departments/commhort/commhort-30.html>
Update on Production Costs/Expected Returns
Budget for Greenhouse
Virginia Cooperative Extension

<http://www.cals.cornell.edu/dept/flori/tcwres1.html>
Controlled Environment Agriculture Information
Resources 1996
Cornell University College of Agriculture and Life
Sciences

An online resource listing of publications (books & journals) on the following topics: Conferences, Trade Journals, Newsletters, Industry Organizations, Greenhouse Suppliers, Diagnostic Services, Business Planning & Operation, Cropping Systems, Greenhouse Management, Photosynthesis Management, Greenhouse Crop Production, General Crop Production, Post Harvest Horticulture, and Interiorscaping.

The electronic version of **Organic Greenhouse Vegetable Production** is located at:
<http://www.attra.org/attra-pub/ghveg.html>

By Lane Greer and Steve Diver
NCAT Agriculture Specialists

January, 2000

The ATTRA Project is operated by the National Center for Appropriate Technology under a grant from the Rural Business-Cooperative Service, U.S. Department of Agriculture. These organizations do not recommend or endorse products, companies, or individuals. ATTRA is located in the Ozark Mountains at the University of Arkansas in Fayetteville at P.O. Box 3657, Fayetteville, AR 72702. ATTRA staff members prefer to receive requests for information about sustainable agriculture via the toll-free number 800-346-9140.