

Further Information and References

These references and resources are intended as a starting point for further reading. This list is by no means exhaustive or definitive. We acknowledge that some items may be outdated or difficult to find.

Agriculture Information Services

Appropriate Technology Transfer to Rural Areas (ATTRA)

P.O. Box 3657
Fayetteville, AR 72702
800/346-9140
www.attra.org

Free publications, information packets, and other technical assistance from the National Sustainable Agriculture Information Service. For farmers, extension personnel, educators, and others involved in sustainable agriculture. Created and managed by the National Center for Appropriate Technology (NCAT). Relevant publications include:

- *Greenhouse IPM: Sustainable Aphid Control*
- *Greenhouse IPM: Sustainable Thrips Control*
- *Greenhouse IPM: Sustainable Whitefly Control*
- *Root Zone Heating for Greenhouse Crops*
- *Season Extension Techniques for Market Gardeners*
- *Solar Greenhouses Resource List*

Organic Agriculture Information

www.organicaginfo.org
Frequently updated website with production information, economic data, research results, farmer anecdotes, certification information, transition strategies, and other subjects related to organic agriculture. Offered by the Organic Agriculture Consortium (OAC)/Scientific Congress on Organic Agricultural

Research (SCOAR) and funded by a USDA grant.

National Agricultural Library

US Dept of Agriculture
10301 Baltimore Ave. Room 304
Beltsville MD 20705-2351
301/504 6559, Fax 301/504-6409
afsic@nal.usda.gov
www.nal.usda.gov
Two resources: AGRICOLA database and the Alternative Farming Systems Information Center, (www.nal.usda.gov/afsic) AGRICOLA, one of the largest databases in the world, is a tremendous resource for academic information. NAL has one of the world's largest and most accessible agricultural information collections.

Periodicals

Growing for Market

PO Box 3747
Lawrence, KS 66046. 800/307-8949
growing4market@earthlink.net
www.growingformarket.com
(Monthly, \$33) An informative, thoughtful magazine mostly written by farmers. Often has useful articles about growing winter greens. Supportive of organic, sustainable agriculture.

HortIdeas

750 Black Lick Rd.
Gravel Switch, KY 40328.
gwill@mis.net
users.mikrotec.com/~gwill/index.html
(Monthly, \$25) Independent advertising-free gardening newsletter that abstracts new information from a wide range of sources relevant to horticulture. For over two decades.

Acres: A Voice for Eco-Agriculture

P.O. Box 91299
Austin, TX 78709
518/892-4400
info@acresusa.com
www.acresusa.com

The New Farm: Farmer-To-Farmer Know-How from the Rodale Institute

www.newfarm.org
A free electronic newsletter with searchable database.

Cold Stress Physiology

Levitt, J. *Responses of Plants to Environmental Stress*. Orlando, FL: Academic Press. 1980.

Environment

Thorton, PhD, Joe. *Environmental Impacts of Polyvinyl Chloride Building Materials. A Healthy Building Network Report*. 2002. 110 pp. (From the Institute for Local Self-Reliance, 202/232-4108, www.healthybuilding.net).

Fruit

Whitehead, William. *Grow Fruit in Your Greenhouse*. London, UK: Faber and Faber. 1970. 163 pp.

Gardening

Jeavons, John. *How to Grow More Vegetables*. 6th ed. Berkeley, CA: Ten Speed Press, 2002, 240 pp.

Wagenvoort, W.A. and Bierhuizen, J.F. *Some Aspects of Seed Germination in Vegetables. Scientia Horticulturae*. 6 (1977). 213-219.

General Greenhouse

Beckett, Kenneth A. Growing Under Glass. New York, New York: Simon and Schuster. 1981. 96 pp.

Bond, John. Handbook for Polyunnel Growing. Bristol, England. National Federation of City Farms. 1991. 20 pp.

Edey, Anna. Solviva: How to Grow \$500,000 on One Acre and Peace on Earth. Martha's Vineyard, MA.: Trailblazer Press, 1998. 221 pp.

Grotzke, Hienz. Biodynamic Greenhouse Management. Biodynamic Farming and Gardening Association. 1998. 112 pp. \$12. (25844 Butler Road, Junction City, OR 97448, 888/516-7797, www.biodynamics.com).

Mazria, Edward. The Passive Solar Energy Book. Emmaus, PA: Rodale Press. 1979. 435 pp.

McCullagh, James C., ed. The Solar Greenhouse Book. Emmaus, PA: Rodale Press, 1978, 328 pp.

Salt, Bernard. Gardening Under Plastic: How to Use Fleece, Films, Cloches and Polytunnels. London, UK: B.T. Batsford Ltd. 127 pp.

Smith, Shane. The Bountiful Solar Greenhouse; A Guide to Year-Round Food Production. Santa Fe, NM: John Muir Publications Inc. 1982. 221 pp.

Story, David. Plastic and Vegetables: A Guide to Organic Growing in Polytunnels. Dublin, Ireland: IOFGA (Irish Organic Farmers and Growers Association). 1993, 54 pp.

Stinson, Richard F. Greenhouse Crop Production, Student Manual. University Park, PA: PSU. 1983. 223 pp.

Taylor, T.M. Secrets to a Successful Greenhouse and Business. Melbourne, FL: Green Earth Publishing Co., Inc. 1999. 279 pp.

Greenhouse Design

Aldrich, Robert A. and Bartok, John W., Jr. Greenhouse Engineering. Ithaca, NY: Northeast Regional Agricultural Engineering Service (NRAES, Cooperative Extension, PO Box 4557, Ithaca, NY 14852-4557, 607/255-7654, nraes@cornell.edu, www.nraes.org). Revised ed. NRAES-133. 212 pp. \$30.

Bartok, John W., Jr. Energy Conservation for Commercial Greenhouses. Ithaca, NY: NRAES. Revised ed. 2001. NRAES-3. 84 pp. \$17.

Bartok, John W., Jr. Greenhouses for Homeowners and Gardeners. Ithaca, NY: NRAES. 2000. NRAES-137. 200 pp. \$30.

Bartok, John W., Jr. Retractable Roof Greenhouses and Shadehouses. Factsheet. Available at: www.hort.uconn.edu/lpm/greenhs/bartok/htmls/retractableroofgreenhouses.htm.

Mazria, Edward. The Passive Solar Energy Book. Emmaus, PA: Rodale Press. 1979. 435 pp.

Greenhouse Plans

Sunspace & Solar Greenhouse Plan
Brace Research Institute
Publication Dept., Faculty of
Engineering, P.O. Box 900
MacDonald College of McGill
University
Ste. Anne de Bellevue, Quebec, H9X
3V9, Canada
514/398-7833, Fax 514/398-7767
ae12000@musica.mcgill.ca

Solstice Publications/Domestic Technologies Inc.

P.O. Box 2043
Evergreen, CO 80439
303/674-7700, Fax 303/674-7772
dri@domtech.com

A source for finding and purchasing articles, books, and reports on sunspaces and solar greenhouses.

Also see:

www.healthgoods.com/education/healthy_home_information/Building_Design_and_Construction/reading_sunspaces_greenhouses.htm

High Tunnel & Season Extension Publications

Coleman, Eliot. The New Organic Grower's Four-Season Harvest. White River Junction, VT: Chelsea Green Publishing Co. 1992. 212 pp.

Coleman, Eliot. The Winter Harvest Manual: Farming the Backside of the Calendar. Four Season Farm, 609 Weir Cove Rd., Harborside, ME 04642. 1998. 57 pp. Order from Fedco, *Growing for Market*, or directly from Eliot at above address.

Dreer, Henry A. Vegetables Under Glass. Henry A. Dreer, 714 Chestnut St., Philadelphia, PA. 2nd ed. 1896. 105pp.

Gerst, Jean-Jacques. Growing Vegetable Crops Under Direct Covers. Paris, France: Centre Technique Interprofessionnel des Fruits and Legumes. 1987. 165 pp.

Byczynski, Lynn, ed., The Hoophouse Handbook: Growing Produce and Flowers in Hoophouses and High Tunnels. Lawrence, KS: *Growing for Market*. 60 pp. \$15. 800/307-8949.

Jett, Lewis. High Tunnel Tomato Production Guide (Publication M170). University of Missouri. Details about building a hoop house, with many photos, plus tomato production

information including color photos of insects, disease, and physiological disorders. 28 pp. \$10. From MU Ext. Publications, 800/292-0969, muextension.missouri.edu/explore/manuals/m170.htm

Janick, Jules and Swaim, David. Development of an Innovative Production and Marketing System for Specialty Vegetables. Final Report. No date. Purdue University. www.hort.purdue.edu/newcrop/hfresh/finalreport.pdf

Lamont, Bill and Orzolek, Mike. High Tunnel Production Manual 2003. Over 150 pp. \$26.50 payable to Penn State University. Mail payment to Dr. Bill Lamont, Dept. of Horticulture, 206 Tyson Building, Penn State University, University Park, PA 16802.

Poisson, Leandre and Gretchen. Solar Gardening. White River Junction, VT: Chelsea Green Publishing Co. 1994. 267 pp.

Wiediger, Alison and Paul. Walking to Spring: Using High Tunnels to Grow Produce 52 Weeks a Year. From Au Naturel Farm, 3298 Fairview Church Road, Smiths Grove, KY 42171. \$15 plus \$3.50 S/H or from *Growing for Market*.

High Tunnel Research, Education and Websites

Connecticut

Martin Gent
Dept. of Forestry and Horticulture
Connecticut Agricultural Experiment Station
203/974-8489,
Martin.Gent@po.state.ct.us
Physiology of high tunnel crops – growth, yield, nutrients, environment

Kansas, Missouri, and Nebraska
www.hightunnels.org
High Tunnel Team of Central Great Plains

Michigan

John Biernbaum
Michigan State University Dept of Horticulture
517/355-5191 x419
biernbau@msu.edu
Winter growing in unheated tunnel research since 2001. Also 48-week CSA at student organic farm
New interactive online course in 2007: Passive Solar Greenhouses for Protected Cultivation (credit and non-credit enrollment options). Future courses on compost and organic transplants.

Maine

Barbara Murphy
University of Maine Cooperative Extension, Oxford County
207/743-6329
bmurphy@umext.maine.edu
Comparison of cut flower production in field and in high tunnel, including season extension.

Gleason Gray
University of Maine Cooperative Extension, Penobscot County
207/942-7396
ggray@umext.maine.edu
Active solar heating in a high tunnel for spring and fall season extension. Experimental design includes black tubing containing circulating water mounted on bows, flexible tubing buried 6" deep, and a buried 5,000 gallon storage tank.

New Jersey

Rutgers University High Tunnel Project. See archived reports at: aesop.rutgers.edu/~horteng/HighTunnels/HighTunnels2005.pdf

New York

Marvin Pritts
Cornell Dept. of Horticulture
607/255-1778
mpp3@cornell.edu
Small fruit in high tunnels – raspberries, strawberries, etc.

Reid, Judson
Cornell Vegetable Program
315/536-5123
jer11@cornell.edu
Tomato, cucumbers, peppers and cover crops variety trials in high tunnels.

Stephen Reiners
Dept. of Horticultural Sciences, NYS Ag Experiment Station
315/787-2311
sr43@cornell.edu
General vegetable culture, soil fertility.

Chris Wien
Dept. of Horticulture, Cornell University
607/255-4570
hcw2@cornell.edu
Season extension in cut flowers, day length considerations in manipulating time of bloom.

Ohio

Ron Becker
Ag & IPM, Ohio State University Extension, Wayne County
330/264-8722
becker.4@cfaes.osu.edu
Implementation of Integrated Pest Management practices in high tunnels.

Brad Bergefurd
Ohio State University South Centers
740/289-2071 x136
bergefurd.1@osu.edu
<http://southcenters.osu.edu/hort/>
High tunnel strawberries, tomatoes, and moveable tunnel structures – research, extension, on-farm demonstrations.

Matt Kleinhenz
Dept. of Horticulture and Crop Science, Ohio Agricultural Research and Development Center
330/263-3810
kleinhenz.1@osu.edu
High tunnel design, use in conventional and organic systems, cultural practices and product quality.

Pennsylvania

Center for Plasticulture, Penn State University
<http://plasticulture.cas.psu.edu>
Research, events, experimental results, etc.

Insects (Beneficial and Pest)

Carr, Anna. Rodale's Color Handbook of Garden Insects. Emmaus, PA: Rodale Press. 1979, 241 pp.

Casey, Christine, ed. Integrated Pest Management for Bedding Plants. Ithaca, NY: Cornell University Press. 1999. 117 pp. \$14.50

Cherim, Michael S. The Green Methods Manual. Nottingham, NH: The Green Spot Publishing, Ltd. 1998. 238 pp.

Flint, Mary Louise and Dreistadt, Steve H. Natural Enemies Handbook: The Illustrated Guide To Biological Pest Control (Pub. 3386). Oakland CA: U. of CA, Div. of Agriculture and Natural Resources Communication Services. 1998. 154 pp.

Gill, Stanton and Sanderson, John. The Ball Identification Guide to Greenhouse Pests and Beneficials. Batavia, IL: Ball Publishing. 1998. 244 pp.

Howard, R.J., Garland, J.A., and Seaman, W.L. Diseases and Pests of Vegetable Crops in Canada. Societe d'entomologie du Canada, 393 Winston Avenue, Ottawa, ONT, Canada K2A 1Y8. (613/725-2519) ISBN 0-9691627-3-1 (soft and hard cover, English and French).

Jordan, William H. Jr. Windowsill Ecology: Controlling Indoor Plants With Beneficial Insects. Emmaus, PA: Rodale Press. 1977. 229 pp.

Koppert Biological Systems. Koppert Side Effects Database: Side Effects of Pesticides on Beneficial Organisms. www.koppert.nl/e0110.html

LeSar, Charles D. and Unzicker, John D. Life History, Habits and Prey Preferences of Tetragnatha laboriosa. 1978. Environmental Entomology: 7.

Scopes, Nigel E.A. and Ledieu, Michael S. Integrated Control of Tomato Pests (Growers Bulletin No. 3). Littlehampton, West Sussex, England: Glasshouse Crops Research Institute. 1979. 28 pp.

Thomas, Cathy and the Pennsylvania IPM Program. Greenhouse IPM with an Emphasis on Biocontrols. Penn State University. Based on Bug vs. Bug article series. 108 pp. Over 90 full-color images.
Download free PDF file from <http://paipm.cas.psu.edu/ghmanual.htm>
Or send check or money order for hard copy (\$12 plus \$5 S/H per order) to Publications Distribution Center, PSU, College of Ag. Sci., 112 Ag.Admin. Building, University Park, PA 16802-2602. Credit card orders, 877/345-0691.

Nitrates

Affleck, Elisabeth A. Nitrate Levels in Greenhouse Grown Salad Mix: A Case Study of Three Sisters Bioshelter, (unpublished). Dept. of Parks and Recreation, Slippery Rock University, Slippery Rock, PA. May 1998. 48 pp.

Sideman, Eric PhD. Nitrate Accumulation In Winter-Harvested Crops: A Growers' Guide. Maine Organic Farmer and Gardener. June-August 1999. 40-41 pp.

Salinization

Alberta Government Agriculture, Food, and Rural Development. Salt Tolerance of Plants. [http://www1.agric.gov.ab.ca/\\$department/deptdocs.nsf/all/agdex3303](http://www1.agric.gov.ab.ca/$department/deptdocs.nsf/all/agdex3303).

Kotuby-Amacher, Jan, Koenig, Rich and Kiutchen, Boyd. Salinity And Plant Tolerance. Utah State University Extension. AG-SO-03. July 1997 <http://extension.usu.edu/files/agpubs/salini.htm>.