

The Pimentels' groundbreaking work details energy use in the production of livestock, grains, fruits, vegetables, forage crops and fish; food processing and transport; and the impact of energy use on the environment. Dozens of charts and tables, as well as a lengthy reference list, are included. "Thus, the aim of this book is to explore the interdependencies of food, energy and their impacts on society. These analyses we hope will be a basis for planning and implementing policies of individuals and nations as they face the inevitable dilemma - how can everyone be fed, given the limited resources of the earth." Preface.
MVG

1979

Walters, Charles Jr. and C. J. Fenzau, 1926-

An ACRES U.S.A. Primer

Raytown MO: Acres U.S.A., 1979. 465p. Glossary. Index. Field notes. Lists of Eco-suppliers. Most recent edition: *Ecofarm: An Acres U.S.A. Primer*, 3rd edition, 2003.

NAL Call no: S605.5.W34

Other works by this author: *The Carbon Connection*, with Leonard Ridzon (1990); *Weeds: Control without Poisons* (1991, revised 1999); *A Farmer's Guide to the Bottom Line* (2002); *Reproduction and Animal Health*, with Gearld Fry (2003).

A "first reader" in eco-agriculture, this book is written from an organic perspective on the basis of plant and soil science, agronomy and pest control. JPG

Cited in: Harwood (1983); Kuepper, Gegner (2004); Merrill (1983)

1980-2007

The sustainable agriculture and modern organic farming movements take root

The late 20th century saw great progress in sustainable agriculture practice, policy and research activity. The term "sustainable agriculture" was adopted during this period. The works below speak to the great variety of farming topics that have come to fall under the sustainability umbrella.

Important essay collections and conference proceedings, 1980s

A wide range of ideas and knowledge was presented in collections of research reports, conference papers and philosophical essays written by farmers, researchers and policy makers. Some of the most significant compilations are listed in this section.

1980

Jackson, Wes, 1936-

New Roots for Agriculture

Lincoln NE: University of Nebraska Press, 1980. 151p. References and notes at ends of chapters. Other editions: Revised edition 1985.

NAL Call no: S441.J25

Other works by this author: *Altars of Unhewn Stone: Science and the Earth* (1987); *Becoming Native to this Place* (1994). See also: *Oral History Interview with Wes Jackson*, AFSIC (1990) (NAL Call #: Videocassette no.731).

"In popular literature, sustainable agriculture generally is presented as a new phenomenon. Wes Jackson is credited with the first publication of the expression in his *New Roots for Agriculture* (1980) and the term didn't emerge in popular usage until the late 1980s." "A Brief History of Sustainable Agriculture," by Fred Kirschenmann, in *The Networker*, vol. 9, no. 2 (Science and Environmental Health Network), March 2004. The new edition

(University of Nebraska Press, 1985) has a foreword by Wendell Berry and an “afterward” to its conclusion, p. 133-148. JPG
Cited in: Beeman (1993); Esbjornson (1992); Harwood (1983); Harwood (1990); Kirschenmann (2004)

1980

U.S. Department of Agriculture Study Team on Organic Farming

Report and Recommendations on Organic Farming

Washington DC: United States Department of Agriculture, 1980. 94p. References at ends of chapters. Study team members: Dr. Robert I. Papendick (Coordinator and Chairman); Dr. Larry L. Boersma; Daniel Calacicco; Joanne M. Kla; Dr. Charles A. Kraenzle; Dr. Paul B. Marsh; Dr. Arthur S. Newman; Dr. James F. Parr; Dr. James B. Swan; Dr. I Garth Youngberg.

NAL Call no: aS605.5 U52

Full-text: Alternative Farming Systems Information Center,

<http://nal.usda.gov/afsic/pubs/USDAOrgFarmRpt.pdf> (accessed Jan. 1, 2007)

See also: *Oral History Interview with I. Garth Youngberg*, AFSIC (1991) (NAL Call #: Videocassette no.1128).

Compiled with the assistance of the Rodale Press survey of *The New Farm* readers, this study was “conducted to learn more about the potential contributions of organic farming as a system for the production of food and fiber.” A first for the U.S., it is a general overview of the status of organic agriculture in the United States: methods, implications for environmental and food quality, economic assessment and research recommendations. JPG
Cited in: Harwood (1983); Heckman (2006); Kuepper, Gegner (2004); Madden (1998); Merrill (1983)

1981

Cornucopia Project

Empty Breadbasket? The Coming Challenge to America’s Food Supply and What We Can Do About It: A Study of the U.S. Food System

Emmaus PA: Rodale Press, 1981. 189p. Bibliography, p. 148-175.

NAL Call no: HD9005.E56

Works done in collaboration with The Cornucopia Project: *The New Jersey Food System: A Harvest of Doubt for the Garden State: Working Draft, a Study of the Food System of New Jersey*, by Phyllis Swackhamer (1980); *The State of Your Food: A Manual for State Food Systems Analysis* (1981); *The Pennsylvania Food System: Crash or Self-reliance? A Study of the Food System of Pennsylvania* (1981); *The New York State Food System: Growing Closer to Home, a Study of the Food System of New York State*, by Patricia Messing (1981); *The Maine Food System: A Time for Change: A Study of the Food System of Maine*, by Raymond Wirth (1981); *The Indiana Food System: Sustainable or in Jeopardy? A Study of the Food System in Indiana*, by Roberta Wysong (1982); *The Cornucopia Papers*, by Robert Rodale (1982); *Regenerating the Food System: A Food and Agricultural Policy for the United States; a Framework for Discussion* (1984); *The South Carolina Food System: Does it Have a Future? A Study of the South Carolina Food System*, by John Madera (1985).

This report documents research and recommendation from the Rodale Institute’s Cornucopia Project. It outlines methods to assess food self-sufficiency and vulnerabilities to the food system, especially at the state level. It suggests how consumers, farmers and the food industry could cooperate in developing a secure, affordable and ecologically sustainable food supply. MVG

1981

Jeske, Walter E., editor

Economics, Ethics, Ecology: Roots of Productive Conservation: Based on Material Presented at the 35th Annual Meeting of the Soil Conservation Society of America, August 4-August 6, 1980, Dearborn, Michigan

Ankeny IA: Soil Conservation Society of America, 1981. xiv, 454p. Includes bibliographies.

NAL Call no: S912.E28

Papers from this early ecologically-oriented conference address land and water management, energy issues, and education and values in natural resource conservation efforts. MVG

Cited in: Harwood (1990)

1981

Stonehouse, Bernard, editor

Biological Husbandry: A Scientific Approach to Organic Farming

London; Boston: Butterworths, 1981. xiii, 352p. Includes papers presented in the *Proceedings of the 1st International Institute of Biological Husbandry Symposium* held at Wye College, Ashford, Kent, on August 26-30, 1980. Includes bibliographical references and index.

NAL Call no: S605.5.S7

This includes “most of the papers” presented at the 1st international symposium of the International Institute of Biological Husbandry, 1980. Sections include: soil structure, flora and fauna, agricultural methods, biological husbandry in the tropics, systems of agriculture and comparative studies. JPG

Cited in: Harwood (1983); Merrill (1983)

1982

Hill, Stuart B. and Pierre Ott, editors

Basic Techniques in Ecological Farming: Papers Presented at the 2nd International Conference held by the IFOAM, Montreal, October 1-5, 1978

Basel: Berkhauser Verlag, 1982. 366p.

NAL Call no: S605.5.B39

This volume and other available proceedings of IFOAM (International Federation of Organic Agriculture Movements) conferences are highly recommended. JPG. See also: Beeson, 1978.

Cited in: Harwood (1983); Merrill (1983)

1983

Altieri, Miguel

Agroecology; the Scientific Basis of Alternative Agriculture

Berkeley: University of California, 1983. 173p.

NAL Call no: S589.7 A4

Other works by this author: *Experiences in Success: Case Studies in Growing Enough Food through Regenerative Agriculture*, with Kenneth Tull and Michael Sands (1987); *Biodiversity and Pest Management in Agroecosystems*, with Clara I. Nicholls (1994; revised edition, 2003); *The Potential of Agroecology to Combat Hunger in the Developing World*, with Peter Rosset, and Lori Ann Thrupp (1998); *Genetic Engineering in Agriculture: The Myths, Environmental Risks, and Alternatives* (2001, revised edition, 2004).

A review of temperate and tropical agroecology, theory and practice, this work includes chapters on the design of sustainable systems, traditional peasant agriculture, polyculture, tree cropping, live mulches, minimum tillage and pest control. JPG
Cited in: Harwood (1990); Kirschenmann (2004)

1983

Batie, Sandra S.

Soil Erosion: Crisis in America's Croplands?

Washington DC: Conservation Foundation, 1983. xv, 136p. Includes bibliographies and index.
NAL Call no: S624.A1B33

Other works by this author: *Emerging Issues in Water Management and Policy*, editor, with J. Paxton Marshall (1983); *Improving Land Use Policy Analysis in the Southeast: Lessons from Virginia's Agricultural and Forestal District Act*, with E. Jane Luzar (1986); *Economic and Legal Analysis of Strategies for Managing Agricultural Pollution of Ground Water*, with Randall A. Kramer, William E. Cox (1989); *Green Payments as Foreshadowed by EQIP* (1998); *The Economics of Agri-environmental Policy*, editor, with Richard D. Horan. (2004).

This effective presentation of statistics regarding soil loss reminded the agricultural community that soil loss continued to be a major problem in U.S. decades after the Dust Bowl. MVG

Cited in: Esbjornson (1992)

1983

Duke, James A., 1929-

Handbook of Energy Crops

Lafayette IN: Purdue University, Center for New Crops and Plants Products, 1983. Includes bibliographical references and index.

NAL Call no: SB288 .D85 1983

Full-text: Center for New Crops and Plants Products,

<http://newcrop.hort.purdue.edu/newcrop/duke%5Fenergy/dukeindex.html> (accessed Jan. 1, 2007)

Other works by this author: *Handbook of Medicinal Herbs* (1985, 2nd edition 2002); *CRC Handbook of Agricultural Energy Potential of Developing Countries* (1987); *A Field Guide to Medicinal Plants: Eastern and Central North America*, with Steven Foster (1990); *Handbook of Phytochemical Constituents of GRAS Herbs and Other Economic Plants* (1992); *CRC Handbook of Alternative Cash Crops*, with Judith L. du Cellier (1993); *Handbook of Legumes of World Economic Importance*, editor (2002). See also: *Oral History Interview with Dr. James A. Duke*, AFSIC (1988) (NAL Call #: Videocassette no.629).

Dr. Duke, a USDA Agricultural Research Service (ARS) botanist for many years, researched and compiled dozens of texts about unusual plants, energy crops, medicinal and culinary herbs and ethnobotany. His work has pointed the way to many viable alternative crops and enterprises for U.S. farmers, researchers and businesses. MVG

1983

Knorr, Dietrich, editor

Sustainable Food Systems

Westport CT: AVI Publishing, 1983. xiv, 416p. Includes bibliographies and index.

NAL Call no: TP370.5.S94

This compilation is one of the first that combined a range of disciplines related to sustainable agriculture - agricultural and food production practices, rural and urban food

production issues, food processing and distribution topics and nutritional and food quality factors related to ecologically grown foods. MVG

1984

Institute for Alternative Agriculture

Alternative Agriculture: An Introduction and Overview: Symposium Proceedings, March 1984, Washington, D.C.

Greenbelt MD: Institute for Alternative Agriculture, 1984. ii, 49p. Includes bibliographies. An Institute publications list, including links to selected full-text reports, is maintained at Winrock International (<http://www.winrock.org/wallace/publications.asp?BU=9064>) (accessed Apr. 23, 20007).

NAL Call no: S605.5.A47

Founded in 1983, the Institute, later named the Henry A. Wallace Institute for Alternative Agriculture and the Henry A. Wallace Center for Agricultural and Environmental Policy at Winrock International, provided a forum, research program and advocacy platform for policy issues pertinent to sustainable agricultural production. These are Proceedings from the Institute's 1st annual scientific symposium held in March 1984. Researchers, including Institute founder, Garth Youngberg, presented papers on production strategies, environmental benefits, research needs and public policy. MVG

1984

Jackson, Wes, Wendell Berry and Bruce Colman, editors

Meeting the Expectations of the Land: Essays in Sustainable Agriculture and Stewardship

San Francisco: North Point Press, 1984. xvi, 250p. Bibliography, p. 231-247.

NAL Call no: S441.M4

This outstanding collection includes, in addition to works by each editor, essays by Marty Bender, Dana Jackson, Gene Logsdon, Donald Worster, Marty Strange, John Todd, Gary Paul Nabhan, Stephen Gliessman, Angus Wright, Jennie Gerard and Sharon Johnson and Gary Snyder. MVG

1984

Kral, David M., editor

Organic Farming: Current Technology and its Role in a Sustainable Agriculture

Madison WI: American Society of Agronomy (ASA), Crop Science Society of America (CSSA) and Soil Science Society of America (SSSA), 1984. vii, 192p. Proceedings of a Symposium, Sponsored by Division S3, S4, S6, S8 and A5 of the American Society of Agronomy, Crop Science Society of America and the Soil Science Society of America in Atlanta GA, Nov. 9 -Dec. 3, 1981. D.F. Bezdicek, chairman. (ASA Special Publication, 46)

NAL Call no: 64.9 Am3 no.46

This presentation made at the 1981 Symposium represents the first documented dialog about organic farming at a national "Tri-Society" meeting. MVG

Cited in: Heckman (2006); Kuepper, Gegner (2004)

1984

Lowrance, Richard, Benjamin R. Stinner and Garfield J. House, editors

Agricultural Ecosystems; Unifying Concepts

New York: John Wiley, 1984. 233p. Includes index. References at ends of chapters.

NAL Call no: S589.7 A36

Written by 21 of the foremost thinkers on the subject of agroecosystems, the majority of the chapters were presented initially at a 1982 symposium held during a meeting of the Ecological Society of America. JPG

1984

Postel, Sandra

Water: Rethinking Management in an Age of Scarcity

Washington DC: Worldwatch Institute, 1984. 65p. "This paper will appear as the chapter 'Managing Freshwater Supplies' in *State of the World 1985*," p. 5. Includes bibliographical references, p. 55-65. (Worldwatch Paper, 62)

NAL Call no: HD1691.P67

Other works by this author: *Water for Agriculture: Facing the Limits* (1989); *Last Oasis: Facing Water Scarcity* (1992, revised in 1997); *Rivers for Life: Managing Water for People and Nature*, with Brian Richter (2003).

Water availability and consumption in relation to agricultural production has often been overlooked. This data-packed volume, with extensive references, was one of the first to define the many issues related to sustainable water management. MVG

1984

Todd, John and Nancy Jack Todd

Bioshelters, Ocean Arks, City Farming: Ecology as the Basis of Design

San Francisco: Sierra Club Books, 1984. 210p. Includes index. Bibliography, p. 169-176.

NAL Call no: GF50.T6

Other works by these authors: *The Village as Solar Ecology: Proceedings of the New Alchemy/Threshold Generic Design Conference*, editors (1980); *From Eco-cities to Living Machines: Principles of Ecological Design* (1994); *A Safe and Sustainable World: The Promise of Ecological Design*, by Nancy Jack Todd (2005).

The Todds' innovative work with the New Alchemy Institute in Massachusetts suggested practical ways for looking at food production and waste recycling within a totally integrated, self-contained living system. MVG

1984

Worldwatch Institute

State of the World: A Worldwatch Institute Report on Progress Toward a Sustainable Society

New York: Norton, 1984. Published annually beginning in 1984.

NAL Call no: HC59.S73

Full-text: Worldwatch Institute Information page, <http://www.worldwatch.org/taxonomy/term/38> (accessed Jan. 1, 2007)

This volume is the first in a series of annual presentations of data, analysis and case studies related to environmental and social sustainability - population growth, energy use, soil and water conservation, forest resources, recycling materials, food security and more. The 2007 edition is entitled, *Our Urban Future* and includes a chapter on "Farming in Cities." MVG
Cited in: Harwood (1990)

1985

Edens, Thomas, Cynthia Fridgen and Susan L. Battenfield, editors

Sustainable Agriculture and Integrated Farming Systems: 1984 Conference Proceedings

East Lansing MI: Michigan State University Press, 1985. iv, 344p. 29+ papers. Includes bibliographies.

NAL Call no: S441.S8

Many of sustainable agriculture's U.S. and European pioneers made presentations at this ground-breaking conference: Gordon Douglass, Engelhard Boehncke, Herbert Koepf, Herman Koenig, Eliot Coleman, Stephen Gliessman, Richard Harwood, Helene Hollander, Nicolas Lampkin, William Lockeretz, Robert H. Miller, George Bird, Pieter Vereijken, Hartmut Vogtmann, Stephen Kaffka, Miguel Altieri, Terry Cacek, Gunter Kahnt, Dean Haynes, Kenneth Dahlberg, Maynard Kaufman, Robert Bealer, Michael Dalecki, Philip Shepard, Edwin French, Dwight Schmidt, J.Patrick Madden, Gerhard Plakhholm, Lawrence Woodward, Frederick Buttel, Garth Youngberg, Harold Breimyer, Robert Rodale. Rodale states in his keynote address, "By marching forward under the banner of sustainability we are, in effect, continuing to hamper ourselves by not accepting a challenging enough goal. I am not against the word sustainable, rather I favor regenerative agriculture." MVG

1985

Francis, Charles A. and Richard R. Harwood

Enough Food: Achieving Food Security through Regenerative Agriculture

Emmaus PA: Rodale Institute, 1985. 20p.

NAL Call no: S605.5.F73

Other works by Francis: *Multiple Cropping Systems* (1986); *Sustainable Agriculture in the Midwest: North Central Regional Conference*, editor (1988); *Sustainable Agriculture in Temperate Zones*, editor (1990) See also: *Oral History Interview with Charles A. Francis*, AFSIC (1990) (NAL Call #: Videocassette no.876). Other works by Harwood: *Small Farm Development: Understanding and Improving Farming Systems in the Humid Tropics* (1979); *Research Agenda for the Transition to a Regenerative Food System*, with J. Patrick Madden (1982); *Research Towards Integrated Natural Resources Management: Examples of Research Problems, Approaches and Partnerships in Action in the CGIAR*, editor (2003).

Authored by two influential sustainable agriculture researchers and educators, this document is based on work done at the Rodale Institute. MVG

1985

Fukuoka, Masanobu, 1913-

The Natural Way of Farming: The Theory and Practice of Green Philosophy

Tokyo: Japan Publications, 1985. 280p. Includes index. Translated from the Japanese, *Shizen Noho*, by Frederic P. Metreaud. Other editions: Revised edition, Japan Publications, 1987.

NAL Call no: S606.6 F72

Full-text: Soil and Health Library, Steve Solomon,

<http://www.soilandhealth.org/01aglibrary/01principles.html> (accessed Jan. 1, 2007)

Other works by this author: *The One Straw Revolution* (1978); *The Road Back to Nature: Regaining the Paradise Lost* (1988).

Fukuoka, author of *The One Straw Revolution*, reiterates his five major principles: no tillage, no fertilizer, no pesticides, no weeding and no pruning. His book deals almost exclusively with farming in Japan, but his message can be viewed from a universal perspective. JPG
Cited in: Harwood (1983)

1985

Nabhan, Gary Paul

Gathering the Desert

Tucson AZ: University of Arizona Press, 1985. ix, 209p. Includes index. Bibliography, p. 185-206.

NAL Call no: QK211.N33

Other works by this author: *Enduring Seeds: Native American Agriculture and Wild Plant Conservation* (1989); *Ten Essential Reasons to Protect the Birds and the Bees: How an Impending Pollination Crisis Threatens Plants and the Food on Your Table*, with Mrill Ingram and Stephen L. Buchmann (1996); *Forgotten Pollinators*, with Stephen L. Buchmann (1996); *Coming Home to Eat: The Pleasures and Politics of Local Foods* (2002); *Conserving Migratory Pollinators and Nectar Corridors in Western North America*, editor (2004).

Nabhan's books about plant and animal conservation are written with a personal touch that inspires personal action. This one looks at plants of the Sonoran Desert and their Native American uses. He has also published books about traditional food sources and on plant pollinating organisms. MVG

1986

Gever, John, Robert Kaufman, David Shole, Charles Vorosmarty and Carrying Capacity Inc.

Beyond Oil: The Threat to Food and Fuel in the Coming Decades

Cambridge MA: Ballinger, 1986. A project of Carrying Capacity, Inc. Includes index.

Bibliography, p. 257-285. Other editions: 3rd edition, 1991.

NAL Call no: TJ163.25.U6B44

This study synthesizes geological, social and economic statistics to predict probable energy, economic and agricultural outcomes into the next century. Divergent opinions from experts are included; specific chapters deal with energy use in agriculture. MVG

Cited in: Harwood (1990)

1986

Phipps, Tim, Pierre R. Crosson and Kent A. Price, editors

Agriculture and the Environment

Washington DC: National Center for Food and Agricultural Policy, Resources for the Future, 1986. xvii, 298p. Includes bibliographies.

NAL Call no: HD1755.A44

Based on papers and discussion at a Conference on Agriculture and the Environment sponsored by the National Center for Food and Agricultural Policy held in April 1986 at Resources for the Future, Washington, D.C. Papers focus on identifying the environmental problems of conventional agriculture and evaluating related programs and policy. MVG

Cited in: Harwood (1990)

1987

American Farmland Trust

Farming on the Fringe

New York: American Map Corp., 1987. 1 map. Relief shown by shading. Shows high market value farming counties. Concept and analysis for AFT, Margaret Stewart Maizel; design and production, Chessler and Associates. Includes text, local map insets and charts. Includes bibliographical references.

NAL Call no: ArU G3701.J15 1987

Since 1980, American Farmland Trust has focused on the threats facing agricultural lands in the U.S.: unplanned, sprawling development; inadequate conservation programs; and a lack of options for farmers and ranchers who want to stay on their lands. This graphic presentation identifies valuable agricultural land near metropolitan areas and thus seriously threatened. Comprehensive follow-up studies in 1994 and 1997 augment this information, using data from the U.S. Census and the U.S. Department of Agriculture. MVG. See also: Sorensen, 1997.

1987

California Certified Organic Farmers (CCOF)

California Certified Organic Farmers 1989 Certification Handbook

Santa Cruz CA: CCOF, 1989. vi, 21, 17p. Includes bibliographical references.

NAL Call no: S605.5.C3

1987 marked the first edition of the *CCOF Certification Handbook and Materials List* and the first *Farm Inspection Manual*, as well as the first series of Farm Inspector Trainings. This pioneering organization, formed by a group of grassroots activist farmers in 1973, is one of the oldest organic certifiers in North America. MVG

1987

Murphy, Bill

Greener Pastures on Your Side of the Fence: Better Farming with Voisin Grazing Management

Colchester VT: Arriba Publishing, 1987. xvi, 215p.

NAL Call no: SB199.M87

Murphy put into American farmer-friendly terms and practices, the rational/rotational grazing techniques developed by Voisin in France. MVG. See also: Voisin, 1957.

1987

Whatley, Booker T. and New Farm, 1915-2005

Booker T. Whatley's Handbook on How to Make \$100,000 Farming 25 Acres: With Special Plans for Prospering on 10 to 200 Acres

Emmaus PA: Regenerative Agriculture Association; distributed by Rodale Press, 1987. ix, 180p.

Edited by George DeVault.

NAL Call no: S501.2.W47

Whatley, a horticulture professor at Tuskegee University, presented practical, positive enterprise options for small farm operators including farm diversification, organic farming practices, farm value-added products and innovative, direct marketing schemes. These farming alternatives have grown and flourished, and currently provide important niche markets for small- and medium-sized farms. MVG

1988

Anon.

Nature's Ag School: The Thompson Farm

Emmaus PA: Regenerative Agriculture Association, 1988. 65p.

NAL Call no: S605.5.N37 1988

See also: *On-farm Research Reports*, by Dick Thompson, published annually in Boone IA, Thompson On-Farm Research, since 1993; and *Oral History Interview with Dick Thompson*, AFSIC (1991) (NAL Call #: Videocassette no.1008).

Incorporating articles from *New Farm* magazine about regenerative agriculture, this volume introduced readers to Dick and Sharon Thompson's practical on-farm experiments, observations and educational opportunities. MVG

1988

Kirschenmann, Frederick

Switching to a Sustainable System: Strategies for Converting from Conventional/Chemical to Sustainable/Organic Farming Systems

Windsor ND: Northern Plains Sustainable Agriculture Society, 1988. 18p.

NAL Call no: S494.5.S86K5

Other works by this author: *Biotechnology and Sustainable Agriculture* (1992); *On Becoming Lovers of the Soil* (1994). See also: *Oral History Interview with Fred Kirschenmann*, AFSIC (1990) (NAL Call #: Videocassette no.877).

For many years, this information-packed book was the only practical reference for farmers, providing strategies and financial scenarios for conversion to more sustainable practices. Based at Kirschenmann Family Farms in North Dakota, Mr. Kirschenmann has been a sustainable agriculture pioneer and long-term advocate, serving with many regional and national organizations including the U.S. Department of Agriculture's National Organic Standards Board and the U.S. Department of Agriculture's North Central Region's Sustainable Agriculture Research and Education (SARE) program. MVG

1988

Madden, James Patrick, James A. DeShazer, Frederick R. Magdoff, Charles W. Laughlin and David E. Schlegel, editors

Low-input/Sustainable Agriculture Research and Education Projects for 1988

Washington DC: Low-Input Project, Cooperative State Research Service, U.S. Dept. of Agriculture, 1988. 28p.

NAL Call no: aS494.5 S86L68 1988

Other works by Madden: *Research Agenda for the Transition to a Regenerative Food System*, with Richard R. Harwood (1982); *For All Generations: Making World Agriculture More Sustainable*, editor, with Scott G. Chaplowe (1997); *The Early Years of the LISA, SARE, and ACE Programs: Reflections of the Founding Director* (1998) (full-text: SARE Western Region, http://wsare.usu.edu/about/index.cfm?sub=hist_sare) (accessed Apr. 23, 2007). See also: *Oral History Interview with James Patrick Madden*, AFSIC (1990) (NAL Call #: Videocassette no.1009).

This report catalogs and describes the first projects funded under USDA's Low-input/Sustainable Agriculture (LISA) Research and Education program, initiated in 1985. This program became the Sustainable Agriculture Research and Education (SARE) program in 1988. Madden, an agricultural economist, was an early advocate of sustainable agriculture in the U.S. He was instrumental in creating and leading the LISA and SARE programs, and he co-authored the historic National Academy of Sciences book, *Alternative Agriculture* (National Academy Press, 1989). MVG

Cited in: Madden (1998)

1988

Savory, Allan, 1935-

Holistic Resource Management

Washington DC: Island Press, 1988. xxvi, 564p. Includes index. Bibliography, p. 513-539.

NAL Call no: HC59.S33

Other works by this author: *Holistic Resource Management Workbook*, with Sam Bingham (1990); *Holistic Management: A New Framework for Decision Making*, with Jody Butterfield (1999); *Holistic Management Handbook: Health Land, Healthy Profits*, with Jody Butterfield, Sam Bingham (2006).

“In studying our ecosystem and the many creatures inhabiting it we cannot meaningfully isolate anything, let alone control the variables. The earth’s atmosphere, its plant, animal and human inhabitants, its oceans, plains and forests, its ecological stability and its promise for humankind can only be grasped when they are viewed in their entirety. Isolate any part and neither what you have taken nor what you have left behind remains what it was when all was one.” Now called “holistic management,” Savory’s model has been especially effective in supporting sustainable grazing and livestock systems. MVG

1988

Van En, Robyn

Basic Formula to Create Community Supported Agriculture

Great Barrington MA: R. Van En, 1992. 1 vol. Includes bibliographical references.

NAL Call no: HD9225.A2V35 1992

Other works by this author: *Sharing the Harvest: A Guide to Community Supported Agriculture*, with Elizabeth Henderson (1999).

The first edition of this brief how-to publication appeared in 1988 and described a new, cooperative approach to marketing farm products as implemented at the author’s Indian Line Farm in Massachusetts. This concept of “community supported agriculture,” or CSA, had evolved from producer-consumer food alliances in Northern Europe, Japan and Chile of the 1970s. CSA, in a variety of applications, has since become a flourishing direct marketing option for small, organic farms in the United States and many other countries. MVG

1989

Coleman, Eliot, 1938-

The New Organic Grower: A Master’s Manual of Tools and Techniques for the Home and Market Gardener

Chelsea VT: Chelsea Green, 1989. xv, 269p. Includes index. Bibliography, p. 225-235. Revised and expanded, 1995.

NAL Call no: SB324.3.C65

Other works by this author: *The New Organic Grower’s Four Season Harvest: How-to Harvest Fresh Organic Vegetables from your Home Garden All Year Long* (1992); *The Winter-harvest Manual: Farming the Back Side of the Calendar: Commercial Greenhouse Production of Fresh Vegetables in Cold-winter Climates without Supplementary Heat* (1998); *Four-season Harvest: Organic Vegetables from your Home Garden All Year Long* (1998).

Coleman’s involvement with organic agriculture has been long-term. He is a farmer and researcher who has explored alternative production techniques and marketing practices; he is an educator and advisor who has written extensively, hosted educational television shows, directed the International Federation of Organic Agriculture Movements (IFOAM) and participated in publishing the 1980 USDA *Report and Recommendations on Organic*

Farming (cited elsewhere in this bibliography). His practical guides, especially those on cold-climate production, have become mainstays for growers and students. MVG
Cited in: Kuepper, Gegner (2004)

1989

National Research Council Committee on the Role of Alternative Farming Methods in Modern Production Agriculture

Alternative Agriculture

Washington DC: National Academy Press, 1989. xiv, 448p. Includes bibliographies and index.

NAL Call no: S441.A46

Full-text: National Academy Press (NAP), <http://books.nap.edu/catalog/1208.html#toc> (accessed Jan. 1, 2007)

This landmark study, compiled by the nation's foremost body of agricultural scientists, the National Academy of Sciences' Board on Agriculture, lent validity and immediacy to sustainable agriculture issues. MVG

Cited in: Kirschenmann (2004); Madden (1998)

1990

Edwards, Clive A., Rattan Lal, James Patrick Madden, Robert H. Miller and Gar House, editors

Sustainable Agricultural Systems

Ankeny IA: Soil and Water Conservation Society, 1990. xvi, 696p. 40 papers.

NAL Call no: S494.5 S86S86

These papers come from the Proceedings of the International Conference on Sustainable Agricultural Systems held under the sponsorship of the United States Agency for International Development (USAID) at Ohio State University, Columbus, Ohio, in September 1988. They present a synthesis of 1980s sustainable agricultural science and philosophy in the words of dozens of researchers from around the world. MVG

1990

Gliessman, Stephen R.

Agroecology: Researching the Ecological Basis for Sustainable Agriculture

New York: Springer-Verlag, 1990. xiv, 380p. Includes bibliographical references and index.

(Ecological Studies, 78)

NAL Call no: QH540.E288 v.78

Other works by this author: *Agroecology: Ecological Processes in Sustainable Agriculture*, editor (1998); *Agroecosystem Sustainability: Developing Practical Strategies* (2001); *Field and Laboratory Investigations in Agroecology* (2006); *Agroecology: The Ecology of Sustainable Food Systems* (rev. ed., 2007).

An introduction to research approaches and case studies in the emerging interdisciplinary field of agroecology. MVG

1990

Lampkin, Nicolas

Organic Farming

Ipswich, UK; Alexandria Bay NY: Farming Press; distributed in North America by Diamond Farm Enterprises, 1990. xiii, 701p. Includes bibliographical references (p. 655-656) and index.

Other editions: Rev. 1992; reprinted with amendments, 2002.

NAL Call no: S605.5.L35 1990

Other works by this author: *The Soil: Assessment, Analysis and Utilisation in Organic Agriculture*, editor, with L. Woodward (1991); *The Economics of Organic Farming: An International Perspective*, editor, with S. Padel (1994); *1994 Organic Farm Management Handbook*, editor, with Mark Measures (1st ed., 1994); *Impact of EC Regulation 2078/92 on the Development of Organic Farming in the European Union* (1996); *The Policy and Regulatory Environment for Organic Farming in Europe: Country Reports*, with Carolyn Foster, Susanne Padel (1999); *European Organic Production Statistics, 1993-1996*, with Carolyn Foster (1999).

Dr. Lampkin's 1990 landmark work remains one of the most comprehensive texts on organics, addressing all aspects of organic crop and livestock production. He is currently director of the Organic Centre Wales where he has long been active in researching and writing about the: "Economics of organic farming and specifically conversion to organic methods. Role of organic farming in agricultural policy, in particular impacts of CAP on organic farming and contribution of organic farming to agri-environmental policy. Dissemination of information to key user groups." Institute of Rural Studies Staff Web page (<http://www.irs.aber.ac.uk/research/expertise/nhl.shtml>) (accessed May 7, 2007). MVG

1990

United States Congress

The Organic Foods Production Act (OFPA)

Washington DC: Government Printing Office, 1990. CFR Title 7, Chapter I, Agricultural Marketing Service (Standards, Inspections, Marketing Practices), Department of Agriculture, Part 205 (as authorized under the Organic Foods Production Act of 1990, as amended).

NAL Call no: n.a.

Full-text: USDA National Organic Program (NOP),

<http://www.ams.usda.gov/nop/NOP/standards.html> (accessed Jan. 1, 2007)

The Organic Foods Production Act (OFPA) of 1990 mandated the U.S. Department of Agriculture (USDA) to develop and maintain national standards for organically produced agricultural products to assure consumers that agricultural products marketed as organic meet consistent, uniform standards. The OFPA and the National Organic Program (NOP) regulations require that agricultural products labeled as organic originate from farms or handling operations certified by a State or private entity that has been accredited by USDA. NOP standards were fully implemented in October 2002. MVG
Cited in: Heckman (2006); Kirschenmann (2004)

1990

United States Congress

Food, Agriculture, Conservation and Trade Act of 1990 (FACTA)

Washington DC: Government Printing Office, 1990. 101st Congress, 2nd Session. S. 2334. "To expand the United States Department of Agriculture's low input sustainable agriculture research and education programs, and to provide biotechnology risk assessment research, and for other purposes." SARE National Project Database is online at <http://www.sare.org/> (accessed Feb. 1, 2007).

NAL Call no: KF1692.A31 1990

Full-text: Sustainable Agriculture Research and Education (SARE), Western Region,

<http://wsare.usu.edu/about/index.cfm?sub=FACTA> (accessed Jan. 1, 2007)

Subtitle B of Title XVI of this bill authorized the USDA Sustainable Agriculture Research and Education (SARE) program. It expanded 1985 legislation that had implemented the USDA Low-Input Sustainable Agriculture (LISA) program. Thousands of research and

extension projects have been funded since LISA and SARE became operational in 1988.
MVG
Cited in Heckman (2006); Kirschenmann (2004)

1990

United States General Accounting Office
Alternative Agriculture: Federal Incentives and Farmers' Opinions: Report to Congressional Requesters
Washington DC: The Office, 1990. 95p. (GAO/PEMD-90-12)
NAL Call no: S494.5.A65U54

This government report documented, through surveys and analysis, farmer and citizen concerns about chemical pesticide use in food production. It helped support U.S. legislation aimed at sustainable farming policy and research. MVG
Cited in: Madden (1998)

1992

Goreham, Gary, David L. Watt and Roy M. Jacobsen
The Socioeconomics of Sustainable Agriculture: An Annotated Bibliography
New York: Garland, 1992. xix, 334p. (Garland Reference Library of the Humanities, 1332)
NAL Call no: Z5074 E3G69 1992

This compilation lists and describes books and book chapters, journal articles, conference proceedings, government documents and research reports from the 1970s through 1992. Indexed by author and keyword. MVG

1992

Soule, Judith D. and Jon K. Piper
Farming in Nature's Image: An Ecological Approach to Agriculture
Washington DC: Island Press, 1992. xix, 286p. Foreword by Wes Jackson. Includes bibliographical references (p. 231-278) and index.
NAL Call no: S441.S757

Based in 1992 at the Land Institute in Kansas, the authors present a "scientifically backed plea for the radically new form of agriculture first laid out in Wes Jackson's *New Roots for Agriculture*. ...the economic problems of farmers and rural communities and the environmental damage resulting from modern agricultural practices, have roots in the industrialization of agriculture." MVG
Cited in: Esbjornson (1992); Heckman (2006)

1993

Ikerd, John E.
Assessing the Health of Agroecosystems: A Socioeconomic Perspective
Columbia: University of Missouri, 1993. "This paper was presented at the first International Ecosystem Health and Medicine Symposium as part of a panel organized by Kathryn Freemark and Jack Waide and sponsored by the Canadian Wildlife Service of Environment, Canada, Ottawa."
NAL Call no: n.a.
Full-text: Recent Papers, University of Missouri, <http://web.missouri.edu/~ikerdj/papers/Ottaspp.htm> (accessed Jan. 1, 2007)
Other works by this author: *Sustainable Capitalism: A Matter of Common Sense* (2005).

Dr. Ikerd's understanding of sustainable agriculture grew out of his observations as an agricultural economist. Now retired from the University of Missouri, his writings discuss sustainability in terms of small farms, organic farming, rural communities, local food systems and more. He helped implement the *1,000 Ways to Sustainable Farming* project funded by USDA's Sustainable Agriculture Research and Education Program (SARE) that culminated in the book, *The New American Farmer: Profiles of Agricultural Innovation* (2001) (full-text: Sustainable Agriculture Network, <http://www.sare.org/publications/naf.htm>) (accessed Apr. 23, 2007). MVG

1994

Bonanno, Alessandro, editor

From Columbus to ConAgra: The Globalization of Agriculture and Food

Lawrence KS: University Press of Kansas, 1994. viii, 294p. Includes bibliographical references and index. (Rural America)

NAL Call no: HD9000.5.F76 1994

Food systems and attached sustainability issues are increasingly tied to global trade and regulation. This collection of essays includes works by William D. Heffernan and Douglas H. Constance ("Transnational Corporations and the Globalization of the Food System"); Lawrence Busch ("The State of Agricultural Science and the Agricultural Science of the State"); Lourdes Gouveia ("Global Strategies and Local Linkages: The Case of the U.S. Meatpacking Industry"); and William H. Friedland ("The New Globalization: The Case of Fresh Produce"). MVG

1994

National Research Council Committee on Rangeland Classification

Rangeland Health: New Methods to Classify, Inventory, and Monitor Rangelands

Washington DC: National Academy Press, 1994. xvi, 180p.

NAL Call no: SF85.3.R36 1994

Full-text: National Academy Press, <http://www.nap.edu/books/0309048796/html/index.html> (accessed Jan. 1, 2007)

Understanding and managing sustainable use of U.S. rangelands has been hampered by a lack of uniform methods for inventorying, classifying and monitoring rangelands. The NRC Committee on Rangeland Classification Systems was tasked with examining the scientific basis of methods used by three U.S. agencies - the Soil Conservation Service, Bureau of Land Management and U.S. Forest Service. Since its publication, interagency cooperation has produced standard measurement tools based on multiple ecological indicators to evaluate rangeland health and sustainability. MVG

1995

Benson, Laura Lee, Robert Zirkel and Kickapoo Organic Resource Network

Organic Dairy Farming

Gays Mills WI: Orang-utan Press, 1995. 87p. Includes bibliographical references. Illustrations by Pam Taliaferro.

NAL Call no: SF239.B46 1995

This slim volume was one of the first to provide farmers with practical information about organic livestock husbandry and organic milk production. MVG

1995

Pretty, Jules N.

Regenerating Agriculture: Policies and Practice for Sustainability and Self-reliance

Washington DC: Joseph Henry Press, 1995. 336p. Includes bibliographical references and index.
NAL Call no: S464.5 S86P74 1995

Other works by this author: *Unwelcome Harvest: Agriculture and Pollution*, with Gordon R. Conway (1991); *The Living Land: Agriculture, Food and Community Regeneration in Rural Europe* (1998); *Agri-culture: Reconnecting People, Land and Nature* (2002); *The Earthscan Reader in Sustainable Agriculture*, editor (2005)

Pretty has documented case studies from around the developing world, illustrating the techniques and impacts of successful sustainable farming practices in Brazil, Burkina Faso, Honduras, India, Indonesia, Kenya, Lesotho, Mali, Mexico, Peru, Philippines and Sri Lanka.
MVG

1996

Smit, Jac, Annu Ratta, Joe Nasr and United Nations Development Programme

Urban Agriculture: Food, Jobs and Sustainable Cities

New York: United Nations Development Programme, 1996. xxi, 300p. Includes bibliographical references.

NAL Call no: S494.5.U72U73 1996

This book portrays crop and livestock production in cities and suburbs as a modern economic activity with significance for sustainable food systems - ecological production, food security, stable family incomes and a livable urban environment. It is based on case studies from Asia, Africa and Latin America. MVG

1997

Abdul-Baki, Aref A. and John R. Teasdale

Sustainable Production of Fresh-Market Tomatoes and Other Summer Vegetables with Organic Mulches

Beltsville MD: U.S. Department of Agriculture, Agricultural Research Service, 1997. 23p.
Includes bibliographical references. (Farmers' Bulletin, 2279)

NAL Call no: 1 Ag84F no.2279

Full-text: USDA, ARS, <http://www.ars.usda.gov/is/np/SustainableTomato.pdf> (accessed Jan. 1, 2007)

Tomatoes grown with a hairy vetch cover crop/mulch out-produced conventionally-grown tomatoes and required significantly fewer inputs. This small book summarizes the research, done by USDA scientists at the Agricultural Research Service in Maryland and provides growers with practical information on using the system on their own farms. MVG

Cited in: Kuepper, Gegner (2004)

1997

Lipson, Mark

Searching for the “O-word”: Analyzing the USDA Current Research Information System for Pertinence to Organic Farming

Santa Cruz CA: Organic Farming Research Foundation (OFRF), 1997. 83p. Includes bibliographical references, p. 82.

NAL Call no: S605.5.L56 1997

Other works from the Foundation: *State of the States: Organic Systems Research at Land Grant Institutions, 2001-2003* (2003); *The Fourth National Organic Farmers’ Survey: Sustaining Organic Farms in a Changing Organic Marketplace* (2004) (both in full-text: OFRF, <http://ofrf.org/publications/publications.html>) (accessed Feb. 1, 2007).

Lipson’s documented catalog and analysis of organic-pertinent research being done (and not being done) with USDA funds, received the attention of senior research staff and administrators in the Agriculture Department. Spurred by this book and by the growing commercial success of organically-produced commodities, Congress and USDA began to implement more organic systems research and marketing support. MVG

1997

Sorensen, A. Ann, Richard P. Greene and Karen Russ

Farming on the Edge

Washington DC; DeKalb IL: American Farmland Trust; Center for Agriculture in the Environment, 1997. 66p. Features maps, tables and a glossary. Foldout map included.

NAL Call no: HD256.S6 1997

Full-text (partial report): American Farmland Trust,

<http://www.farmland.org/resources/fote/default.asp> (accessed Jan. 1, 2007)

This report utilizes many maps and tables to identify agricultural lands near metropolitan areas and how they are threatened, as of 1997. Updates data and reports from 1987 and 1994. MVG. See also: American Farmland Trust, 1987.

1998

USDA National Commission on Small Farms

A Time to Act: A Report of the USDA National Commission on Small Farms

Washington DC: The Commission, 1998. 121p. Includes bibliographical references. (Miscellaneous Publication, 1545)

NAL Call no: 1 Ag84M no.1545

Full-text: USDA, http://www.csrees.usda.gov/nea/ag_systems/in_focus/smallfarms_if_time.html (accessed Jan. 1, 2007)

The plight of small and family farms became so grave during the 1980s and 1990s that a 30-member National Commission on Small Farms was appointed by the Secretary of Agriculture in July 1997 to examine the status of small farms in the United States and to determine a course of action for USDA to recognize, respect and respond to their needs. The report established eight policy goals. MVG

1999

Dobson, Andrew P., editor

Fairness and Futurity: Essays on Environmental Sustainability and Social Justice

Oxford: Oxford University Press, 1999. 344p.

NAL Call no: n.a.

This impressive collection of essays comes from collaborative work done by environmental and political theorists, researchers and public policy makers. Contributors have addressed difficult questions about the concepts and goals of sustainability and justice, many of which related directly to agricultural production: "If future generations are owed justice, what should we bequeath them? Is 'sustainability' an appropriate medium for environmentalists to express their demands? Is environmental protection compatible with intra-generational justice? Is environmental sustainability a luxury when social peace has broken down?"

Publisher's Web page

<http://www.oup.com/us/catalog/general/subject/Politics/PoliticalTheory/PoliticalPhilosophy/?view=usa&ci=9780198294894> (accessed Apr. 23, 2007). MVG

2000

Magdoff, Fred, John Bellamy Foster and Frederick H. Buttel, editors

Hungry For Profit: The Agribusiness Threat to Farmers, Food, and the Environment

New York: Monthly Review Press, 2000. 248p.

NAL Call no: HD9000.5 .H86 2000

This collection of provocative essays covers many aspects of agriculture and agribusiness. Essay titles include: "Liebig, Marx, and the Depletion of Soil Fertility: Relevance for Today's Agriculture" (John Bellamy Foster and Fred Magdoff); "Concentration of Ownership and Control in Agriculture" (William D. Heffernan); "Ecological Impacts of Industrial Agriculture and the Possibilities for Truly Sustainable Farming" (Miguel A. Altieri); "New Agricultural Biotechnologies: The Struggle for Democratic Choice" (Gerard Middendorf et al.); "Organizing U.S. Farm Workers: A Continuous Struggle" (Linda C. Majka and Theo J. Majka); "Rebuilding Local Food Systems from the Grassroots Up" (Elizabeth Henderson); "Want Amid Plenty: From Hunger to Inequality" (Janet Poppendieck); "Cuba: A Successful Case Study of Sustainable Agriculture" (Peter M. Rosset); "The Importance of Land Reform in the Reconstruction of China" (William Hinton). MVG

2001

Furuno, Takao, 1950-

The Power of Duck: Integrated Rice and Duck Farming

Tasmania, Australia: Tagari Publications, 2001. 94p.

NAL Call no.: n.a.

Other works by this author: *Aigamo Banzai: Aigamo Suito Doji Saku No Jissai* [transliterated title, in Japanese, translated title: *Cheers for Aigamo Ducks*] (1992).

Japanese rice farmer Furuno has developed a system that eliminates external fertilizer and pesticide inputs by carefully integrating the production of rice, ducks and fish. Profits from the resulting increased rice yields, fish, duck meat and eggs have persuaded thousands of farmers in Asia to switch to Furuno's system. MVG

Cited in: Kirschenmann (2004)

2001

Horne, James E. and Maura McDermott

The Next Green Revolution: Essential Steps to a Healthy, Sustainable Agriculture

New York: Food Products Press, 2001. xix, 312p. Includes bibliographical references, p. 285-297, and index.

NAL Call no: S441 .H67 2001

Other works by James Horne: *Laboratory Experiments in Sustainable Agriculture Wheat for Pasture: Mineral Nutrient Uptake*, with Alexandre E. Kalevitch, Mariia V. Filimonova (1994); *Germination of Five Wheat Varieties under Various Soil Conditions: Implications for Sustainable Agriculture*, with Alexandre E. Kalevitch, Mariia V. Filimonova (1994); *Seeds of Change: Food and Agriculture Policy for Oklahoma's Future*, with Anita K. Poole (2003). Other works by Maura McDermott: *Hoeing the Row Out: More than Three Decades of History* (1996); *Future Farms 2002: A Supermarket of Ideas: Conference Proceedings, November 15 and 16, 2002* (2003).

An educator and economist, much of Horne's career has been at the Kerr Center for Sustainable Agriculture in Oklahoma where he is currently President and Chief Executive Officer. In this book, he and McDermott share what has been "learned as the Kerr Center experimented with new 'sustainable' approaches to old problems on the Center's ranch/farm and ...experiences working with the USDA's Sustainable Agriculture Research and Education Program. It gives practical suggestions for increasing profits and reducing risks while regenerating the soil, protecting the environment and being a good neighbor." Kerr Center Web site (<http://www.kerrcenter.com/staff/horne.html>) (accessed 4/12/2007). MVG

2001

Petrini, Carlo, Benjamin Watson and Slow Food Movement, editors
Slow Food: Collected Thoughts on Taste, Tradition, and the Honest Pleasures of Food
White River Junction VT: Chelsea Green, 2001. xv, 287p. Foreword by Deborah Madison.
Includes bibliographical references.
NAL Call no.: TX631 .S58 2001

Other works by Petrini: *Slow Food: The Case for Taste* (2004); *Slow Food Revolution: A New Culture for Eating and Living*, with Gigi Padovani (2006); *Slow Food Nation: A Blueprint for Changing the Way We Eat* (2007).

The "slow food" movement, founded by Petrini in 1986, emphasizes regional food and home cooking that uses sustainably grown ingredients grown and harvested by fairly treated workers. The organization, which originated in Italy, has grown worldwide and now (2007) has more than 80,000 members. MVG

2001

Salatin, Joel. F.
Family Friendly Farming: A Multi-generational Home-based Business Testament
Swoope VA: Polyface, 2001. xvii, 402p. Includes bibliographical references, p. 390-394, and index.
NAL Call no: HD1476.U6 S24 2001

Other works by this author: *Pastured Poultry Manual: The Polyface Model* (1991); *Pastured Poultry Profits* (1993); *Salad Bar Beef* (1995); *You Can Farm: The Entrepreneur's Guide to Start and Succeed in a Farm Enterprise* (1998).

Salatin, a Virginia farmer, published his first book in 1991 (cited above); it described his successful pastured poultry operation. Since then, he has built on and refined his farming enterprises, lectured widely about his successes and written several how-to books. His combination of sustainable farming techniques and profitability has inspired and influenced farmers across the U.S. MVG

2002

Norberg-Hodge, Helena, Todd Merrifield and Steven Gorelick

Bringing the Food Economy Home: Local Alternatives to Global Agribusiness

London; Halifax NS; Bloomfield CT: Zed Books; Fernwood; Kumarian Press, 2002. vi, 150p.

Published in association with the International Society for Ecology and Culture (ISEC). Includes bibliographical references, p. 127-142, and index.

NAL Call no: HD9000.5 .N596 2002

Other works by Norberg-Hodge: *Ancient Futures: Learning from Ladakh* (1991); *From the Ground Up: Rethinking Industrial Agriculture*, with Peter Goering, John Page (1993; revised edition, 2001).

Since 2000, several books have focused on the risks and remedies related to sustainable food systems and market globalization. This one covers a wide range of issues with particular reference to the U.S. and U.K. and points to locally-based alternatives to global consumer culture. MVG

2005

Diamond, Jared

Collapse: How Societies Choose to Fail or Succeed

New York: Viking Press, 2005. 575p. "Further Readings" appendix, p. 529-560.

NAL Call no: n.a.

Other works by this author: *Guns, Germs and Steel: The Fates of Human Societies* (1997).

Diamond's discussion of ecocide, "people inadvertently destroying the environmental resources on which their societies depended," emphasizes food system resources. He looks at problematic ancient and contemporary societies, discusses similarities and differences and provides a chapter called, "Reasons for Hope." "Our television documentaries and books show us in graphic detail why the Easter Islanders, Classic Maya and other past societies collapsed. Thus, we have the opportunity to learn from mistakes of distant peoples and past peoples. That's an opportunity that no past society enjoyed to such a degree." MVG

2005

Hatfield, Jerry L., editor

The Farmer's Decision: Balancing Economic Agriculture Production with Environmental Quality

Ankeny IA: Soil and Water Conservation Society, 2005. xviii, 251p. Essays based on presentations at a workshop in Honolulu, Hawaii, held November 9-12, 2004. Includes bibliographical references and index.

NAL Call no: S589.75 .F36 2005

Other works by this author: *Sustainable Agriculture Systems*, editor, with D.L. Karlen (1984); *Precision Agriculture and Environmental Quality: Challenges for Research and Education* (2000); *Nitrogen in the Environment: Sources, Problems, and Management*, editor, with R.F. Follett (2001).

This book examines the decision making processes involved in moving scientists, policymakers, planners, producers, and the consumers of food and fiber to a more sustainable agriculture and healthier environment. Thirteen essays discuss how farmers make decisions and adopt innovation, as well as the environmental, economic, social and technological issues driving those decisions, e.g. water and nutrient management challenges, precision farming, etc. MVG

2006

Francis, Charles A., Raymond P. Poincelot and George W. Bird, editors

Developing and Extending Sustainable Agriculture: A New Social Contract

New York : Haworth Food and Agricultural Products Press, 2006. xxii, 367p. Includes bibliographical references and index. (Sustainable Food, Fiber, and Forestry Systems)

NAL Call no: S494.5.S86 D48 2006

Full-text (selected text only): Haworth Press,

<http://www.haworthpress.com/store/SampleText/5709.pdf> (accessed Jan. 1, 2007)

Other works by Charles Francis: *Enough Food: Achieving Food Security through Regenerative Agriculture*, with Richard R. Harwood (1985); *Multiple Cropping Systems* (1986); *Internal Resources for Sustainable Agriculture* (1988); *Sustainable Agriculture in the Midwest: North Central Regional Conference*, editor (1988); *Sustainable Agriculture in Temperate Zones*, editor (1990) See also: *Oral History Interview with Charles A. Francis*, AFSIC (1990) (NAL Call #: Videocassette no.876).. Other works by Raymond Poincelot: *The Biochemistry and Methodology of Composting* (1972, rev. 1975); *Toward a More Sustainable Agriculture* (1986); *Sustainable Horticulture: Today and Tomorrow* (2004). Other works by George Bird: *Sustainable Agriculture: Current State and Future Trajectory* (1988); *Integrated Pest Management: Its Role in the Evolution of Sustainable Agriculture* (1991).

This book explores integrating agricultural research and outreach with the goal of moving U.S. farming and ranching to practical, profitable, sustainable systems. Contributors, including the editors, are leaders in the sustainable agriculture field. They present new thoughts on soil management, managed grazing, whole-farm planning, economic issues, integrated pest management and community/rural development. Special attention is given to the status and potential of research, education and outreach efforts. MVG

2006

Kristiansen, Paul, Acram Taji and John Reganold, editors

Organic Agriculture: A Global Perspective

Collingwood, Vic.: CSIRO Publishing, 2006. xxxi, 449p. Includes bibliographical references and index.

NAL Call no: S605.5 .O62 2006

Other works by John Reganold: *Natural Resource Conservation: Management for a Sustainable Future*, with Oliver S. Owen, Daniel D. Chiras (7th ed., 1998).

“For more than two decades, research into organic methods by mainstream scientists has generated a large body of information that can now be integrated and used for assessing the actual impacts of organic farming in a wide range of disciplines. The knowledge of selected international experts has been combined in one volume, providing a comprehensive review of organic farming globally ...At the intersection of research, education, and practice, the contributors look at the organic agricultural movement’s successes and limitations.” CSIRO Web page (<http://www.publish.csiro.au/pid/5325.htm>) (accessed 4/23/2007). MVG

2006

Pollan, Michael

The Omnivore’s Dilemma: A Natural History of Four Meals

New York: Penguin Press, 2006. 450p. Includes bibliographical references, p. 417-435, and index.

NAL Call no: GT2850 .P65 2006

Other works by this author: *Botany of Desire: A Plant’s Eye View of the World* (2001).

Pollan writes eloquently about where our food comes from and what its production (and our choice to eat it) entails ecologically, economically and nutritionally. He follows and analyzes four food chains - industrial food, organic or alternative food and food we forage ourselves - from the soil to the final meal. MVG

2007

Newton, Paul C. D., Carran R. Andrew, Grant R. Edward and Pascal A. Niklaus, editors

Agroecosystems in a Changing Climate

Boca Raton FL: CRC/Taylor and Francis, 2007. 364p. Includes bibliographical references and index. (Advances in Agroecology)

NAL Call no: S589.7 .A374 2007

No topic could be more pertinent to sustainable agriculture than global climate change. This work combines information from both ecological and agricultural perspectives. Essays discuss how atmospheric and climate changes will effect biogeochemical cycles, nutrient and water supply; symbiotic nitrogen fixation; belowground food webs; herbivory and nutrient cycling; plant population dynamics and species composition; fungi; trophic interactions; weed, pest and disease problems for plants; and plant breeding. There is also an essay on "Distinguishing between acclimation and adaptation." MVG

2007

Warner, Keith Douglass

Agroecology in Action: Extending Alternative Agriculture through Social Networks

Cambridge MA: MIT, 2007. xiv, 273p. Includes bibliographical references (p. 257-270) and index. Forward by Frederick L. Kirschenmann. (Food, Health, and the Environment)

NAL Call no: S441 .W28 2007

Other works by this author: *Promise or Threat? Responding to the Challenge of Agricultural Biotechnology* (2000) (full-text: National Catholic Rural Life Conference, http://www.ncrlc.com/promise_threat.html) (accessed Apr. 23, 2007).

Partnerships are keys to establishing a sustainable agriculture. "This book describes how some farmers, scientists, agricultural organizations, and public agencies have developed innovative, ecologically informed techniques and new models of social learning to reduce reliance on agrochemicals, and thus put agroecology into action. It describes the technical scope and geographic range of ecologically informed strategies and practices in American agriculture, analyzing in detail a set of specific agroecological partnerships in California." Introduction. MVG