



Alternative Farming Systems Information Center

Organic Livestock Production: A Bibliography

Selected citations from 1974-September 2004

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The Alternative Farming Systems Information Center (AFSIC) is one of several topic-oriented information centers at the National Agricultural Library (NAL). AFSIC specializes in locating and accessing information related to alternative agricultural systems including sustainable and organic production, alternative and industrial crops, and farmer direct marketing. AFSIC is supported, in part, by USDA's Sustainable Agriculture Research and Education (SARE) program and by a Cooperative Agreement with the University of Maryland, College Park.

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INTRODUCTION

Current Status of Organic Livestock Production in the U.S.

In 2003, the U.S. Department of Agriculture's Economic Research Service (ERS) published comprehensive data and analysis for organic crop and livestock production for the first time. Their findings revealed that organically raised livestock – beef cows, dairy cows, sheep, hogs and pigs, laying hens, and broilers – all exhibited strong growth between 1997 and 2001. In fact, two organic livestock sectors – poultry and dairy – were the fastest growing sectors in overall organic production. [*U.S. Organic Farming in 2000-2001: Adoption of Certified Systems*, by Catherine Greene and Amy Kremen (AIB780) April 2003 <http://www.ers.usda.gov/publications/aib780/>] From the report:

- Farmers and ranchers raised over 72,200 certified organic cows, pigs, and sheep in 28 States in 2001, up 28 percent from the previous year.
- The number of certified organic milk cows jumped 27 percent from 2000 to 2001, and nearly quadrupled between 1997 and 2001.
- Twenty-seven States contained almost 15,200 certified organic beef cows in 2001, up 243 percent since 1997.
- The United States had 1.6 million certified organic laying hens in 2001, up from 537,826 birds in 1997. Certified organic broilers totaled 3.29 million birds in 2001, up from 38,285 in 1997. The number of certified organic turkeys was 98,653 in 2001, up from 750 turkeys in 1997.
- Over 3,100 hogs and pigs were certified organic in 2001.
- Certified organic pasture and rangeland increased 109 percent between 1997 and 2001, and increased 28 percent from 2000 to 2001.

Certification and labeling of organic livestock product in the United States were very limited before 1999. Although organically produced eggs were exempted from USDA labeling restrictions, meat and poultry could not be labeled as organic until February 1999, when a provisional label was established by USDA. The current National Organic Program (NOP) standards, which went into effect in October 2002, do include production standards and labeling guidance for most livestock and livestock-derived products. The NOP standards include provisions for acceptable origin of animals, appropriate livestock feed, standards for health care practices, and living conditions that must be provided. [National Organic Program, Program Standards <http://www.ams.usda.gov/nop/NOP/standards.html>]

Since the implementation of USDA National Organic Standards and the availability of the USDA Organic Seal, growth in the market and sales of organic meat, poultry, eggs and dairy products have continued to expand. According to the Organic Trade Association's 2004 Manufacturer Survey, organic foods grew 20.4 percent in 2003 and accounted for \$10.38 billion in consumer sales. Of that total, organic dairy products, with 13 percent of organic food sales, accounted for \$1.38 billion with a 20.3 percent growth rate for 2003. Meat, fish and poultry accounted for \$75 million in sales, with a 77.8 percent growth rate during 2003. This rapidly growing sector comprises 1 percent of all organic food sales. [*OTA 2004 Manufacturer Survey Overview*, Organic Trade Association and *Nutrition Business Journal* <http://www.ota.com/pics/documents/2004SurveyOverview.pdf>]

Organic Livestock Research

Research activity pertaining to organic farming systems has lagged behind that for conventional agriculture. And organic livestock systems research remains a small portion of organic research efforts. In the 1997 USDA research study, *Searching for the "O" Word*, author Mark Lipson, of the Organic Farming Research Foundation (OFRF), identified just 34 projects that were explicitly focused on organic farming systems – out of a total 30,000 USDA funded projects at that time. (as documented in USDA's Current Research Information System (CRIS) database, <http://cris.csrees.usda.gov/>). Only one of these projects dealt with livestock husbandry. He also found several projects he termed "weak" organic, i.e. having an "organic component inferred": one livestock husbandry project and 17 rangeland and forage projects.

Since the OFRF report, attention to, and funding for, organic livestock systems and husbandry research has been growing. Most recently, USDA's Cooperative State Research, Education, and Extension Service (CSREES) Integrated Organic Program awarded \$4.5 million in grants. Four of the 11 projects awarded focused specifically on livestock issues [USDA Press Release No. 0423.04, Sept. 29, 2004 http://www.csrees.usda.gov/newsroom/releases/organic_agproject.html]:

- University of Arkansas, \$305,015, for slow-growing broilers in organic production: an alternative to supplemental methionine and a marketing opportunity
- Tufts University, \$197,768, for strengthening the scientific foundation of organic standards on animal health and welfare
- Cornell University, \$518,306, for the transitioning dairy: identifying and addressing challenges and opportunities in milk quality and safety
- University of Vermont, \$301,161, for profitability and transitional analysis of northeast organic dairy farms

The Sustainable Agriculture and Research (SARE) program has funded and continues to fund projects on organic production and husbandry. [SARE Project Reports <http://www.sare.org/projects/>] A recent count (Oct. 12, 2004) of project reports with "Organic" in the title found about 20 that focused on livestock issues out of a total 2713 reports cited in this database. In addition, USDA's Agricultural Research Service (ARS) has initiated several organic research projects pertinent to animal husbandry and health, livestock systems, and forage production.

Information Resources

Information resources for livestock producers and marketers have likewise become more numerous and available. A search for Extension outreach publications will now yield helpful guidance and contacts. ATTRA, the National Sustainable Agriculture Information Service, funded by USDA, provides excellent practical information and publications about organic livestock production, marketing, and certification.

Bibliographic databases, in addition to helping searchers locate individual publications, can be good indicators as to a topic's informational "status." Using the search capabilities to quantify database content, in terms of publication year, general topic, and language, can reveal a great deal. For instance, a recent search (Oct. 13, 2004) of CAB Abstracts (CABI Publishing) for organic livestock-related documents published during the past five and a half years (1999-2004) turned up 665 citations. Of these, 425 were in English and 241 – more than a third – were written in other languages. Only 28 citations pertained specifically to U.S. or North American activities; 372 were specific to Europe; and 32 were specific to Asia. (Some citations were not geographically labeled.) The total number of relevant citations found for these five years is more than three-times the number found in the previous five year period, 1994-1998 (219 citations).

Analogies may also be observed in this data. For example, the topic of Dairy Cattle Production displays a disproportionately large number of citations for research and conference papers, and of marketing data, originating in Northern Europe. This pattern in the literature reflects the level and kinds of activity in these areas in Europe where there is an active dairy farming and research community, supportive government policy, and strong consumer markets.

Electronically accessible data sources, including databases and the Internet, contain only a small portion of the "knowledge base" relevant to organic livestock production. Many books and reports pre-date electronic formats. Also, a great deal of farmer-generated information is confined to organizational newsletters and networks with limited circulation. Research results often don't make it to accessible venues, or rest within the covers (paper and virtual) of expensive professional journals. Finally, a great deal of relevant research is documented in German, French, Danish, Russian, and other languages, with limited translations into English.

About this Bibliography

This bibliography attempts to represent selected documentation from a wide range of resources: bibliographic databases, conference proceedings, Extension publication lists, research archives, and more. (See Appendix A for a sampling of sources searched in compiling this bibliography.) Some of the citations provide links to full-text documents; most do not. All publications cited are in English, and were produced starting in the early 1970s up until September 2004. Cited items held by the National Agricultural Library (NAL) are noted with NAL call numbers.

Citations are arranged by animal species, with a substantial chapter on General Livestock Production, containing citations for publications that are not species-specific, or are about multiple species. Each chapter is broken down into subsections related to Animal Husbandry and Welfare, Veterinary Practices, Certification, Economic Issues, Marketing, Processing, Food Quality. Some chapters have been augmented with sections about animal products, e.g. eggs and dairy products.

Although there are many veterinary-related publications listed in this bibliography, this compilation strives to address overall animal husbandry and health and is not meant to be comprehensive in terms of therapy, drugs, and other medical treatments for animals. References descriptive of animal health and welfare topics separate from veterinary care issues are listed in the Animal Husbandry sub-topic sections in each chapter. This publication also comes with the following caveat: all husbandry and veterinary practices, as well as meat, poultry, dairy and egg handling operations, are subject to organic standards and other regulations which vary with certifying agent, regulatory agency, and from country to country. Careful study should be applied before attempting any organic livestock production, handling or marketing enterprise.

Artwork appearing on the title page of this publication is by Rini Templeton.

Disclaimers

Although we have tried to provide the most current and correct information available, the Alternative Farming Systems Information Center does not assume any legal liability or responsibility for the accuracy or completeness of the information resources presented. Internet links to people, web sites and documents change constantly; the links in this document were checked and accessed successfully on September 10, 2004.

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GENERAL LIVESTOCK PRODUCTION

Note: Each citation appearing in the General Livestock Production section pertains to livestock production in general, or to multiple species and/or facets of production.

General Livestock Production – Overview

1. “Animal Health and Welfare in Organic Livestock Production,” by D. Gray and M. Hovi. In *Organic Livestock Farming: Papers Presented at a Conference Held at the Heriot Watt University, Edinburgh and at the University of Reading, UK, 9 and 10 February 2001*, pp. 45-74. Lincoln, UK: Chalcombe Publications, 2001.
Keywords: animal health; livestock production; animal welfare; animal diseases; surveys; pest control; veterinary medicine
2. “Animal Health and Welfare in Organic Livestock Production in Europe: Current State and Future Challenges,” by M. Hovi, A. Sundrum, and S. M. Thamsborg. *Livestock Production Science* 80, no. 1/2 (2003): 41-53. *Note*: EAAP Publication 1-2003. [NAL Call #: SF1.L5]
Keywords: animal health; feeds; livestock production; animal welfare; laws and legislation; beef cattle; animal diseases; milk production; poultry; swine; sheep; Europe
3. “Animal Production Problems in European Agriculture and Possible Solutions in Organic Farming Systems,” by E. Boehncke. In *Global Perspectives on Agroecology and Sustainable Agricultural Systems: Proceedings of the Sixth International Scientific Conference of the International Federation of Organic Agriculture Movements (IFOAM)*, pp. 317-322b. Santa Cruz, CA: Agroecology Program, University of California, c1988. [NAL Call #: S605.5.I45 1986]
Keywords: livestock production; environmental impact; economic analysis; animal health; animal nutrition; comparisons; Europe
4. “Animals in Ecological Farming - Possibilities and Limitations,” by G. M. Gustafson. *Nordisk Jordbrugsforskning* 81, no. 3 (1999): 46-49. [NAL Call #: 11 N752]
Keywords: farming systems; grazing; livestock production
5. “Biological Farming in Switzerland 1996/1997,” by S. Hartnagel and B. Freyer. *Newsletter of the European Network for Scientific Research Coordination in Organic Farming* 6 (1997): 22-25.
Keywords: livestock production; farming systems; profitability; organic transition; Switzerland
6. “Can Organic Farming Help to Reduce N-Losses? Experiences From Denmark,” by T. Dalgaard, N. Halberg, and I. S. Kristensen. *Nutrient Cycling in Agroecosystems* 52, no. 2/3 (1998): 277-287. *Note*: Paper: “International workshop on dissipation of N from the human N-cycle and its role in present and future N₂O emissions to the atmosphere” held May 22-25, 1997, Oslo, Norway. [NAL Call #: S631.F422]
Keywords: nutrient management; farming systems; Denmark
7. “Characterisation of Extensive, Sustainable and Organic Agricultural Systems,” by M. Espejo Diaz et al. In *Livestock Farming Systems: Integrating Animal Science Advances into the Search for Sustainability: Proceedings of the Fifth International Symposium on Livestock Farming Systems, Posieux, Fribourg, Switzerland, 19-20 August, 1999*, edited by D. Gagnaux and J. R. Poffet, pp. 90-95. Wageningen, Netherlands: Wageningen Pers, 2000.
Keywords: livestock production; economics; environmental impact; farming systems; comparisons
8. “The Comparative Productivity of Organic Agriculture,” by G. Stanhill. *Agriculture, Ecosystems and Environment* 30, no. 1/2 (1990): 1-26. [NAL Call #: S601.A34]
Keywords: milk production; egg production; yields; farming systems; comparisons
9. “Comparison of Landscape Features in Organic and Conventional Farming Systems,” by J. D. van Mansvelt, D. J. Stobbelaar, and K. Hendriks. *Landscape and Urban Planning* 41, no. 3/4 (1998): 209-227.
Keywords: farming systems; environmental impact; biodiversity; biodynamic farming; land use; comparisons; Europe
10. *Conservation and Utilization of Land Resources in Less Favored Areas with Special Emphasis on the Roles of Livestock and Technology: Proceedings of the International Workshop, Matsue and Oda, Japan, 20-23 September, 1999* (CNAES Report). Hiroshima, Japan: Chugoku National Agricultural Experiment Station, 2000.
Keywords: land resources; livestock production; conservation practices; farming systems; Japan; Finland; Germany; Switzerland; Europe
11. “Conversion of Cattle and Sheep Suckler Farming to Organic Farming: Adaptation of the Farming System and Its Economic Consequences,” by M. Benoit and P. Veysset. *Livestock Production Science* 80, no. 1/2 (2003): 141-152. *Note*: EAAP Publication 1-2003. [NAL Call #: SF1.L5]
Keywords: economic analysis; farming systems;

organic transition; cattle; sheep; meat production; comparisons; profitability; France

12. "Development of Organic Livestock Production and Certification in Latvia," by A. Jemeljanovs et al. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 183-192. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_SAFO_pro.pdf (accessed September 10, 2004)

Keywords: food safety; livestock production; meat; milk; comparisons; Latvia

13. "The Development of Sustainable Farming Systems and the Challenges that Face Producers in the EU," by I. A. Wright, G. Zervas, and L. Louloudis. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 27-37 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.

Keywords: livestock production; beef production; economics; marketing; milk production; organic transition; Europe

14. "Diversified Small Farm Serves Local Market: Tony and Dela End's Scotch Hill Farm," by J. Padgham. *The Organic Broadcaster (MOSES The Midwest Organic and Sustainable Education Service)* (2002)

Available online:

<http://www.mosesorganic.org/ob/scotchhill.htm> (accessed September 10, 2004)

Keywords: case studies; goats; free-range husbandry; poultry; chickens; community supported agriculture; livestock production; marketing; eggs; dairy products

15. *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, edited by M. Hovi and R. Garcia Trujillo. Reading, UK: University of Reading Library, 2000.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004)

Keywords: animal welfare; livestock production; farming systems

16. "The Diversity of Organic Livestock Systems in Europe," by S. Roderick et al. In *Animal Health and*

Welfare in Organic Agriculture, edited by M. Vaarst et al., pp. 29-56. Wallingford, UK: CABI Publishing, 2004.

Keywords: livestock production; farming systems; Europe

17. "Does Organic Farming Require Too Much Livestock," by J. Bender. *American Journal of Alternative Agriculture* 3, no. 1 (1988): 2, 40. [NAL Call #: S605.5.A43]

Keywords: livestock production; farm inputs; manures

18. "Ecological Agriculture What It Is and How It Works," by M. Kiley-Worthington. *Agriculture and Environment* 6, no. 4 (1981): 349-381. [NAL Call #: S601.A34]

Keywords: livestock production; ecology; environmental impact; farming systems

19. "Eight Years of Organic Farming at Pwllpeiran - Livestock Production and the Financial Performance of Organic Upland Farms," by David Frost, Barbara M. L. McLean, and Eifion D. Evans. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 259-262. Aberystwyth: Organic Center Wales, 2002.

Available online:

<http://www.organic.aber.ac.uk/library/Eight%20years%20of%20organic%20farming%20at%20Pwllpeiran.pdf> (accessed September 10, 2004)

Keywords: livestock production; beef cattle; sheep; grazing; economics; meat production; pasture management; United Kingdom

20. *Enhancing Animal Health Security and Food Safety in Organic Livestock Production Systems: Abstracts for the 3rd SAFO Workshop, 16-18 September, 2004, in Falenty, Poland*. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

<http://www.safonetwork.org/workshops/ws3/ws3abstract.pdf> (accessed September 10, 2004)

Keywords: livestock production; animal health; animal welfare; food safety

21. *The Environmental Impacts of Organic Farming in Europe*, by M. Stolze et al. (Organic Farming in Europe: Economics and Policy, 6). Stuttgart, Germany: University of Hohenheim, Department of Farm Economics, 2000.

Keywords: livestock production; farming systems; environmental impact; agricultural policy; comparisons; Europe

22. "Establishment of Organic Experimental Farms in Denmark A Multi-Disciplinary Study," by V.

Ostergaard. In *Economic Aspects of Environmental Regulations in Agriculture: Proceedings of the 18th Symposium of the European Association of Agricultural Economists (EAAE), November 1-4, 1988, Tune, Copenhagen, Denmark*, edited by A. Dubgaard and A. H. Nielsen, pp. 289-298. Kiel, German Federal Republic: Wissenschaftsverlag Vauk, 1989.

Keywords: livestock production; economic analysis; agricultural policy; Denmark

23. *Ethics and Animal Welfare in Organic Animal Husbandry: An Interdisciplinary Approach*, by Vonne Lund. Skara: Swedish University of Agricultural Sciences, 2002. *Note:* Thesis (doctoral), Swedish University of Agricultural Sciences, 2002. [NAL Call #: SF615 .A28 no. 137]

Keywords: animal welfare; livestock production

24. *European Organic Production Statistics, 1993-1996*, by C. Foster and N. Lampkin (Organic Farming in Europe: Economics and Policy, 3). Stuttgart, Germany: University of Hohenheim, Department of Farm Economics, 2000.

Keywords: livestock production; statistics; crop production; demography; Europe

25. *Extensive and Organic Livestock Systems: Animal Welfare Implications: Proceedings of a Symposium Organized by Universities Federation for Animal Welfare and Humane Slaughter Association: Held at the Royal Agricultural College, Cirencester, 10th, 11th, September 1990*, edited by Universities Federation for Animal Welfare. Hertfordshire, England: Universities Federation for Animal Welfare, c1993. [NAL Call #: HV4757.E98 1993]

Keywords: animal welfare; livestock production; farming systems; slaughter; United Kingdom

26. *Farm Animal Welfare - Who Writes the Rules? Proceedings of an International Symposium*, edited by A. J. F. Russel et al. (Occasional Publication 23). Edinburgh: British Society of Animal Science, 1999. [NAL Call #: SF5 B74 no. 23]

Keywords: animal welfare; livestock production; laws and legislation; slaughter; Europe

27. "Farm Profile: Sortorp, an Organic Farm in Sweden," by W. Lockeretz. *American Journal of Alternative Agriculture* 14, no. 1 (1999): 37-42. [NAL Call #: S605.5.A43]

Keywords: business management; education; livestock production; marketing; case studies; Sweden

28. *First SREN Workshop on Research Methodologies in Organic Farming: Proceedings, Frick, Switzerland, 30 September- 3 October 1988*, edited by R. Zanoli and R. Krell (REU Technical Series 58). Rome: Food and Agriculture Organization (FAO), 1999.

Keywords: research; models; education; livestock production; case studies

29. *Food, Health and the Environment: The Vital Connections: Proceedings of the 9th National Conference of British Organic Farmers, Organic Growers Association, Cirencester, UK, 6-8 January 1995*. Bristol, UK: Organic Growers Association, 1995.

Keywords: dairy farming; livestock production; crop production; milk production; United Kingdom

30. "Future Developments in Organic Farming - Implications for the Animal Feed Industry," by N. Lampkin. In *Recent Advances in Animal Nutrition: 2001*, by P. C. Garnsworthy and J. Wiseman, pp. 151-159. Nottingham, UK: Nottingham University Press, 2001.

Keywords: livestock production; economic outlook and situation; feeds; organic transition; laws and legislation; Europe

31. "Future Strategies for Livestock Production in Tropical Third World Countries," by T. R. Preston. *AMBIO* 19, no. 8 (1990): 390-393. [NAL Call #: QH540.A52]

Keywords: cattle; economics; environmental impact; tropics; developing countries; livestock production

32. *The Humane Consumer and Producer Guide*. Minneapolis, MN; Washington, DC: Humane Sustainable Agriculture Project of the International Alliance for Sustainable Agriculture; Humane Society of the United States, c1993. [NAL Call #: S494.5.S86H86]

Keywords: meat production; livestock and meat industry; consumer economics; United States

33. "Incorporation of Existing Animal Welfare Assessment Techniques into Organic Certification and Farming," by T. Leeb et al. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 169-176. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)

Keywords: animal welfare; animal health; certification; livestock production; European Union

34. "Increasing the Efficiency of Plant Nutrient Recycling Within the Agricultural System as a Way of Reducing the Load to the Environment - Experience

From Sweden and Finland,” by A. Granstedt. *Agriculture, Ecosystems and Environment* 80, no. 1/2 (2000): 169-185. [NAL Call #: S601.A34]
Keywords: livestock production; crop production; nutrient management; manures; conservation practices; environmental impact

35. “Integrated Evaluation of Greenhouse Gas Emissions (CO₂,CH₄,N₂O) From Two Farming Systems in Southern Germany,” by H. Flessa et al. *Agriculture, Ecosystems and Environment* 91, no. 1/3 (2002): 175-189. [NAL Call #: S601 .A34]
Keywords: farming systems; air pollution; environmental impact; pasture management; beef cattle; nutrient management; cropping systems; Germany

36. “Integrating Animals into a Production System,” by H. H. Koepf. In *Sustainable Agriculture & Integrated Farming Systems: 1984 Conference Proceedings*, edited by Thomas C. Edens, Cynthia Fridgen, and Susan L. Battenfield, pp. 34-42. East Lansing, MI: Michigan State University Press, 1985. [NAL Call #: S441.S8]
Keywords: livestock production; farming systems; soil quality; Germany; Austria; United States; Sweden

37. “Investigations on the Nutrient Cycle and Its Components of a Biodynamically Managed Farm,” by C. Nolte and W. Werner. *Biological Agriculture and Horticulture* 10, no. 4 (1994): 235-254.
Keywords: livestock production; pasture management; soil quality; economic analysis; biodynamic farming; nutrient management; manures; rotations

38. “Just What Is Organic Meat?,” by Kenneth Solway. *Cognition* (1995) *Note:* Posted by Ecological Agriculture Projects, McGill University
Available online:
http://eap.mcgill.ca/MagRack/COG/COG_E_95_04.htm (accessed September 10, 2004)
Keywords: livestock production; meat production; marketing

39. *Livestock, Ethics, and Quality of Life*, edited by John Hodges and I. K. Han. Wallingford, UK: CABI Publishing, 1999. *Note:* Chapters: Ethics and community of life in animal production; Agribusiness and consumer ethical concerns over animal use and foods of animal origin: the emergence of new ethical thinking in society; An alternative ethic for animals; Consumer expectations for animal products: availability, price, safety and quality; Ethics, culture and development: livestock, poverty and quality of rural life; Intensification of agriculture and free trade; Livestock, ethics and quality of life in Asia: the food-feed dimension of grain demand; Livestock, ethics, quality of life and development in Latin America;

Livestock, ethics, quality of life and development in Africa; The relationship of ethics to livestock and quality of life; Why livestock, ethics and quality of life?; Animal biotechnology: convergence of science, law and ethics; Animal welfare and use. [NAL Call #: SF140.S62-L58-1999]

Keywords: animal welfare; ethics; consumer economics; housing; animal behavior

40. *Livestock Farming Systems: Integrating Animal Science Advances into the Search for Sustainability: Proceedings of the Fifth International Symposium on Livestock Farming Systems, Posieux, Fribourg, Switzerland, 19-20 August, 1999*, edited by D. Gagnaux and J. R. Poffet. Wageningen, Netherlands: Wageningen Pers, 2000.

Keywords: feeds; animal health; animal nutrition; livestock production; animal welfare; grazing; conservation practices

41. “Managing Soil Fertility in Organic Farming Systems,” by C. A. Watson et al. *Soil Use and Management* 18, no. supplement (2002): 239-247. [NAL Call #: S590.S68]

Keywords: livestock production; manures; nutrient management; soil quality; crop production; cropping systems

42. *Methods in Agricultural Chemical Analysis: A Practical Handbook*, by N. T. Faithfull. Wallingford, UK: CABI Publishing, 2002. *Note:* Contains chapter: Methods for organic farmers and growers.

Keywords: animal nutrition; chemical composition; feeds; silage; soil quality

43. “A Model for Fossil Energy Use in Danish Agriculture Used to Compare Organic and Conventional Farming,” by T. Dalgaard, N. Halberg, and J. R. Porter. *Agriculture, Ecosystems and Environment* 87, no. 1 (2001): 51-65. [NAL Call #: S601.A34]

Keywords: cropping systems; crop yield; energy; farming systems; cattle; swine; comparisons; Denmark

44. “A Multi-Scale System Approach to Nutrient Management Research in the Netherlands,” by J. J. Neeteson, J. J. Schroder, and H. F. M. t. Berge. *Netherlands Journal of Agricultural Science* 50, no. 2 (2002): 141-151. [NAL Call #: 12 N3892]

Keywords: livestock production; dairy farming; farming systems; land use; nutrient management; Netherlands

45. “Natural Behavior, Animal Rights, or Making Money - A Study of Swedish Organic Farmers’ View of Animal Issues,” by V. Lund, S. Hemlin, and J. White. *Journal of Agricultural and Environmental*

Ethics 17, no. 2 (2004): 157-179. [NAL Call #: BJ52.5 .J68]

Keywords: ethics; animal behavior; livestock production; animal welfare; farmers' attitudes; Sweden

46. "Naturalness and the Genetic Modification of Animals," by H. Verhoog. *Trends in Biotechnology* 21, no. 7 (2003): 294-297. [NAL Call #: TP248.13.T72]

Keywords: genetically modified organisms; livestock production; farming systems; consumer economics; ethics

47. "Near-Organic" and "Mainstream" Crop-Livestock Production: South Dakota Case Study, by Donald C. Taylor and South Dakota State University Economics Department. Brookings, SD: Economics Department, South Dakota State University, 1995. [NAL Call #: HD1775.S8R47 no.95 5]

Keywords: farming systems; cropping systems; comparisons; case studies; South Dakota

48. "New Agricultural Solutions: A Technological Approach," by M. Allison. In *Outlook 2001: Proceedings of the National Outlook Conference, Canberra, Australia, 27 February -1 March, 2001*, pp. 99-104. Canberra, Australia: Australian Bureau of Agricultural and Resource Economics, 2001.

Keywords: agricultural policy; livestock production; crop production; food production; research; laws and legislation; Australia

49. *Nutrient Cycling in Pastures*, by Barbara Bellows (Livestock Systems Guide). Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2001.

Available online: <http://attra.ncat.org/attra-pub/nutrientcycling.html> (accessed September 10, 2004)

Keywords: pasture management; grazing; nutrient management; livestock production; soil quality; forage; water quality

50. "Observational and Simulated Evidence of Ecological Shifts within the Soil Nematode Community of Agroecosystems Under Conventional and Organic Farming," by C. Mulder et al. *Functional Ecology* 17, no. 4 (2003): 516-525. [NAL Call #: QH540.F85]

Keywords: soil quality; nematodes; comparisons; livestock production; cattle; grazing; Netherlands

51. "An Organic Approach to Meat Production," by D. Younie. *Food Science & Technology Today* 6, no. 3 (1992): 163-166. [NAL Call #: TX341.F664]

Keywords: livestock production; farming systems; comparisons; meat production

52. *Organic Farming*, by N. Lampkin. Ipswich, UK: Farming Press Books, 1990.

Keywords: livestock production; United Kingdom

53. "Organic Farming and Livestock Production in Central and Eastern European Countries," by G. Marai and M. Mezes. In *Livestock Farming Systems: Integrating Animal Science Advances into the Search for Sustainability: Proceedings of the Fifth International Symposium on Livestock Farming Systems, Posieux, Fribourg, Switzerland, 19-20 August, 1999*, edited by D. Gagnaux and J. R. Poffet, pp. 74-80. Wageningen, Netherlands: Wageningen Pers, 2000.

Keywords: livestock production; Czech Republic; Hungary; Poland; Russia

54. *Organic Farming Looking at Livestock/ La Ferme Organique Regardons Bien Notre Betail! D'Apres Farming Organically De Sam Mayall Et Looking at Livestock De Sedley Sweeny; Traduit Et Adapte De L'Anglais Par Norbert Anietot*, by Sam Mayall, Norbert Anietot, and Sedley Sweeny. Aix-en-Provence: Edisud, 1979. Note: Translation and adaptation from the English. [NAL Call #: S605.5.M33]

Keywords: livestock production; farming systems; France

55. *Organic Food and Fiber: An Analysis of 1994 Certified Production in the United States*, by Julie A. Dunn. Washington, DC: U. S. Department of Agriculture, Agricultural Marketing Service, Transportation and Marketing Division, 1995. [NAL Call #: aS441.D86--1995]

Keywords: livestock production; crop production; statistics; United States

56. "Organic, Grass-Fed Beef and Chicken: Management and Markets," by Richard Sechrist and Peggy Sechrist. In *Future Farms 2002: A Supermarket of Ideas, Conference Proceedings*, pp. 46-47. Poteau, OK: Kerr Center for Sustainable Agriculture, 2002.

Available online:

http://www.kerrcenter.com/publications/2002_proceedings/grass-fed_beef.pdf (accessed September 10, 2004)

Keywords: cattle; beef; poultry production; chickens; grazing; meat production; pasture management; marketing

57. "Organic Growth," *Veterinary Record* 146, no. 26 (2000): 741. [NAL Call #: 41.8 V641]

Keywords: livestock production; animal welfare; United Kingdom

58. "Organic Livestock Farming: A Critical Review," by A. Sundrum. *Livestock Production Science* 67, no. 3 (2001): 207-215. [NAL Call #: SF1.L5]

Keywords: livestock production; comparisons; animal

welfare; food quality; environmental impact; soil quality; literature reviews

59. *Organic Livestock Farming: Papers Presented at a Conference Held at the Heriot Watt University, Edinburgh and at the University of Reading, UK, 9 and 10 February 2001*, edited by D. Younie and J. M. Wilkinson. Lincoln, UK: Chalcombe Publications, 2001.

Keywords: animal health; animal welfare; beef; beef production; consumer economics; egg production; milk production; cattle; poultry; swine; sheep

60. *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:
http://www.safonetwork.org/publications/wp2pub/2_SAFO_pro.pdf (accessed September 10, 2004)

Keywords: livestock production; animal welfare; animal health; food safety; meat production; dairy farming

61. *Organic Livestock Farming: Principles, Practicalities and Profits*, by D. Younie and J. M. Wilkinson. Lincoln, UK: Chalcombe, c2001. *Note:* Contains papers presented at two conferences held in Edinburgh and Reading in February 2001. [NAL Call #: S605.5 .O732 2001]

Keywords: livestock production; profitability

62. "Organic Livestock Production: A Report of the Forum 'Livestock Farming and the Environment'," by Albert Sundrum. *Landbauforschung Volkenrode/FAL Agricultural Research Special Issues*, 226 (2001): 37-38. *Note:* Proceedings of Livestock farming and the Environment, Proceedings of Workshop 4 on Sustainable Animal Production, edited by Jorg Hartung and Christopher M. Wathes, organized by the School of Veterinary Medicine, Hannover, held at Hannover, Sept. 28, 2000.

Available online:
<http://orgprints.org/00000924/01/0924-sundrum-a-2001-livestock-prod.pdf> (as archived by Organic Eprints) (accessed September 10, 2004)

Keywords: farming systems; sustainable agriculture; livestock production; environmental impact

63. "Organic Livestock Production and Food Quality: A Review of Current Status and Future Challenges," by M. Vaarst and M. Hovi. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food*

Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 7-16. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:
http://www.safonetwork.org/publications/wp2pub/2_SAFO_pro.pdf (accessed September 10, 2004)

Keywords: livestock production; food safety; food quality

64. "Organic Livestock Production as Viewed by Swedish Farmers and Organic Initiators," by V. Lund, S. Hemlin, and W. Lockeretz. *Agriculture and Human Values* 19, no. 3 (2002): 255-268. [NAL Call #: HT401 .A36]

Keywords: livestock production; surveys; economic analysis; animal welfare; organic transition; Sweden

65. "Organic Livestock Production in Spain," by R. Garcia Trujillo. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, pp. 40-49. Reading, UK: University of Reading Library, 2000.

Available online:
<http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004)

Keywords: livestock production; sheep; cattle; goats; Spain

66. "Organic Livestock Production Systems and Appropriate Development in Relation to Public Expectations," by J. E. Hermansen. *Livestock Production Science* 80, no. 1/2 (2003): 3-15. *Note:* EAAP Publication 1-2003. [NAL Call #: SF1.L5]

Available online:
http://orgprints.org/00000419/01/Dobbelt_Organic_livestock_production_systems_130701.pdf (as posted by Organic Eprints) (accessed September 10, 2004)

Keywords: livestock production; animal welfare; beef production; consumer economics; egg production; agricultural policy; laws and legislation; milk production; poultry; cattle; swine; sheep; Europe

67. "Organic Livestock Standards," by S. Padel, O. Schmid, and V. Lund. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 57-72. Wallingford, UK: CABI Publishing, 2004.

Keywords: livestock production; laws and legislation; organic certification

68. "Organic Meat: An Overview," by P. K. Pathak, M. Chander, and A. K. Biswas. *Asian-Australasian Journal of Animal Sciences* 16, no. 8 (2003): 1230-1237. [NAL Call #: SF55.A78A7]

Keywords: meat production; livestock production; economic outlook and situation; Asia

69. "Organic Meat and Fish: Production, Processing and Marketing," by R. Maunder and B. Kennard. In *Handbook of Organic Food Processing and Production*, by S. Wright and D. McCrea, pp. 92-105. 2nd ed. Oxford, UK: Blackwell Science, 2000.

Keywords: livestock production; fish production; meat processing; marketing; marketing channels; meat production; organic certification; United Kingdom

70. "Organic Meat Production," by A. Fitzgerald. *United Kingdom Meat Market Review* 19 (1997): 2-11.

Keywords: livestock and meat industry; marketing; laws and legislation; livestock production; United Kingdom

71. *Organic Meat Production in the 90's: Proceedings of a Conference Held at Reading University 22 September 1989*, edited by A. T. Chamberlain, J. M. Walsingham, and Barbara A. Stark. Maidenhead, Berks., UK: Chalcombe Publications, c1989. [NAL Call #: HD9421.5.O7]

Keywords: livestock and meat industry; meat production; trends

72. "Organic" Meat Symposium: July 9-10, 1990, edited by Laura McCann, June Rogers, and Gerald Wagner. St. Paul: Minnesota Extension Service, University of Minnesota, 1990? [NAL Call #: TX556.M4075 1990]

Keywords: meat production; livestock production; livestock and meat industry

73. "Potential N-Losses in Three Scenarios for Conversion to Organic Farming in a Local Area of Denmark," by T. Dalgaard, T. Heidmann, and L. Mogens. *European Journal of Agronomy* 16, no. 3 (2002): 207-217. [NAL Call #: SB13.E97]

Keywords: dairy farming; livestock production; swine; meat production; nitrogen; nutrient management; water quality; organic transition; Denmark

74. "Principles of Organic Livestock Production," by P. Stocker. In *Organic Livestock Farming: Papers Presented at a Conference Held at the Heriot Watt University, Edinburgh and at the University of Reading, UK, 9 and 10 February 2001*, edited by D. Younie and J. M. Wilkinson, pp. 25-31. Lincoln, UK: Chalcombe Publications, 2001.

Keywords: housing; animal diseases; feeds; livestock production

75. *Proceedings: Future Trends in Animal Agriculture: Standards for Food Animal Production: Status, Well-Being, and Social Responsibility, September 18, 2002*,

edited by R. Reynnells and J. Blake. Washington, DC: U.S. Department of Agriculture, Cooperative State Research, Education and Extension Service (CSREES), 2002.

Available online:

<http://www.nal.usda.gov/awic/pubs/FTAAPProceedings/standardsfoodanimal.pdf> (accessed September 10, 2004)

Keywords: animal health; animal welfare; organic standards; livestock and meat industry; USDA

76. *Proceedings of the 14th IFOAM Organic World Congress: Cultivating Communities, Victoria, British Columbia, Canada, 21-28 August, 2002*, edited by Robert Thompson. Ottawa: Canadian Organic Growers (COG), 2002. *Note*: Contains 20+ overview papers related to livestock production

Keywords: livestock production

77. "Recycling Biowaste - Human and Animal Health Problems," by A. Albiñ. *Acta Veterinaria Scandinavica, Supplementum* 95 (supp.) (2001): 69-75. [NAL Call #: 11 AC82 SUPPL.]

Keywords: livestock production; soil quality; contaminants; food safety; animal health; antibiotic resistance

78. "Research within Ecological Animal Husbandry in Norway," by Erling Thuen. *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 17-18. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: livestock production; research; Norway

79. "Results on Integrated Crop-Livestock-Forestry Systems under Agroecological Bases for the Development of Cuban Agriculture," by F. Funes Monzote. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 426. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: agroforestry; livestock production; farming systems; cropping systems; Cuba

80. "Seventeenth Century Organic Agriculture in China: II. Energy Flows Through an Agroecosystem in Jiaying Region," by W. Dazhong and D. Pimentel. *Human Ecology* 14, no. 1 (1986): 15-28. [NAL Call #: HM206.A1 H8]

Keywords: energy; livestock production; ecology; farming systems; manures; China

81. "A Study of a Low-Input Crop/Livestock Farm," by M. N. Culik et al. In *The Importance of Biological Agriculture in a World of Diminishing Resources: Proceedings of the 5th IFOAM International Scientific Conference at the University of Kassel (Germany), Aug 27-30, 1984*, edited by H. Vogtmann, E. Boehncke, and I. Fricke. Witzhausen: Verlagsgruppe Witzhausen, 1986. [NAL Call #: S605.5.I45-1984]

Keywords: livestock production; rotations; crop yield; soil quality; farm inputs; Pennsylvania

82. "Sustainability of Organic Meat Production Under Swedish Conditions," by K. I. Kumm. *Agriculture, Ecosystems and Environment* 88, no. 1 (2002): 95-101. [NAL Call #: S601.A34]

Keywords: environmental impact; economic analysis; soil quality; energy; beef cattle; lambs; swine; farm inputs; comparisons; meat production; Sweden

83. "Swedish Research in Ecological Animal Husbandry: Extent, Issues, Priorities," by V. Lund. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 19-22. Tjele,

Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: livestock production; research; Sweden

84. "A Systems Approach for Assessing Sustainability in Livestock Farms," by Erik S. Kristensen and Niels Halberg. In *Proceedings of the Fourth International Symposium of Livestock Farming Systems, EAAP Sattelite Symposium: Livestock Farming Systems: More Than Food Production, Foulum, Denmark, 22-23 August 1996*, edited by Jan T. Sorensen, pp. 16-29. Wageningen, Netherlands: Wageningen Pers, 1997.

Available online:

http://orgprints.org/00003101/01/Assessing_sustainability_in_Livestock_farming_systems.pdf (as posted by Organic Eprints) (accessed September 10, 2004)

Keywords: sustainable agriculture; farming systems; environmental impact; ethics; livestock production

85. *Towards Holistic Agriculture: A Scientific Approach*, by R. W. Widdowson. 1st ed. Oxford; New York: Pergamon Press, 1987. [NAL Call #: S605.5.W5 1987]

Keywords: pasture management; livestock production; farming systems

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86. "Adaptation of Slovene Livestock to Environment Friendly Animal Husbandry," by J. Osterc et al. *Acta Agraria Kaposvariensis* 6, no. 2 (2002): 25-32. *Note*: Paper: Proceedings of the 10th International Symposium "Animal Science Days" - Environment Friendly and EU Conform Animal Husbandry, Hungary, 16-18 October 2002.

Keywords: livestock production; swine; poultry; nutrient management; organic transition; Slovenia

87. *Alternative Farming: An Annotated Database*, by Animal Welfare Institute. Washington, DC: Animal Welfare Institute, 2004.

Available online:

<http://www.awionline.org/farm/altfrm.htm> (accessed September 10, 2004)

Keywords: animal welfare; databases; livestock production

88. *Alternatives to Intensive Confinement Systems for Farm Animals: An Annotated Bibliography*, by Annie Reinhardt. Washington, DC: Animal Welfare Institute, 2004. *Note*: Updated 1/5/04. This bibliography provides practical published information for farmers, consumers, students, and educators who are concerned about factory farming and are seeking for alternatives.

This collection of references will be updated regularly. A searchable more comprehensive database on farming alternatives can be accessed at:

<http://www.awionline.org/farm/altfrm.htm>

Available online: <http://www.awionline.org/farm/alt-farming.html> (accessed September 10, 2004)

Keywords: animal welfare; housing; bibliographies

89. "Animal Biotechnology," by D. King. *New Farmer and Grower* 49 (1996): 18-19.

Keywords: livestock production; ethics; breeding; biotechnology

90. *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al. Wallingford; UK: CABI Publishing, 2004.

Keywords: livestock production; animal behavior; animal welfare; breeding; animal diseases; animal nutrition; poultry; cattle; swine; sheep; Europe

91. "Animal Health and Welfare in Organic Livestock Production," by M. Hovi. *State Veterinary Journal* 13, no. 1 (2003): 11-17. [NAL Call #: SF601.S8]

Keywords: animal health; housing; animal welfare; dairy farming; feeds; cattle; swine; sheep

92. "Animal Health and Welfare Issues on Organic Livestock Farms in the UK: Results of a Producer Survey," by S. Roderick, M. Hovi and N. Short. *Occasional Publication, British Society of Animal Science* 23 (1999): 109-112. *Note:* Paper: Farm animal welfare - who writes the rules? Proceedings of an international symposium organized by The British Society of Animal Science, Edinburgh, UK, 1999. Keywords: animal welfare; livestock production; laws and legislation; farmers' attitudes; animal health; cattle; sheep; dairy farming; swine; poultry; United Kingdom
93. "Animal Health in Organic Farming Defined by Experts - Concept Mapping and the Interpretation of the Concept of Naturalness," by T. Baars, E. Barrs, and K. Eikmans. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004. Available online: http://www.safonetwork.org/publications/wp2pub/2_SAFO_pro.pdf (accessed September 10, 2004) Keywords: livestock production; animal health; farming systems
94. "Animal Health Problems in Organic Farming: Subjective and Objective Assessments and Farmers' Actions," by J. Cabaret. *Livestock Production Science* 80, no. 1/2 (2003): 99-108. [NAL Call #: SF1.L5] Keywords: animal health; livestock production; veterinary medicine
95. "Animal Husbandry in Alpine Organic Farming - Regional Diversity and Critical Obstacles in Austria," by M. Eder, L. Kirner, and W. Zollitsch. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, edited by M. Hovi and R. Garcia Trujillo, pp. 26-34. Reading, UK: University of Reading Library, 2000. Available online: <http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004) Keywords: demography; livestock production; Austria
96. "Animal, Welfare and Health Problem Areas From an Organic Farmer's Point of View," by U. Schumacher. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004. Available online: http://www.safonetwork.org/publications/wp2pub/2_SAFO_pro.pdf (accessed September 10, 2004) Keywords: animal welfare; animal health; farmers' attitudes
97. "Animal Welfare, Ethics and Organic Farming," by H. Verhoog, V. Lund, and H. F. Alroe. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 73-94. Wallingford, UK: CABI Publishing, 2004. Keywords: livestock production; animal welfare; ethics; free-range husbandry; animal behavior
98. "Applied Ethology: The Basis for Improved Animal Welfare in Organic Farming," by S. Waiblinger et al. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 117-161. Wallingford, UK: CABI Publishing, 2004. Keywords: animal welfare; livestock production; ethics
99. "Assessing Animal Welfare in Organic Herds," by U. Knierim et al. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 189-203. Wallingford, UK: CABI Publishing, 2004. Keywords: animal welfare; livestock production
100. "Assessment of Animal Welfare on Organic Farms," by S. Waiblinger, U. Knierim, and C. Winckler. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 143. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001. Keywords: animal welfare; livestock production
101. "The Behaviour of Farm Animals and its Significance for Housing Design," by L. Schrader. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 54-63. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001. Available online: http://www.veeru.reading.ac.uk/organic/ProceedingsFI_NAL.pdf (accessed September 10, 2004) Keywords: animal behavior; housing; animal welfare; cattle
102. *Biological Husbandry A Scientific Approach to Organic Farming*, by B. Stonehouse, pp. 352. London: Butterworths, 1981. *Note:* 23 papers and 7 abstracts

from the first international symposium of the International Institute of Biological Husbandry, Wye College, Ashford, Kent, UK, August 26-30, 1980.
Keywords: livestock production; farming systems; soil quality; comparisons; tropics

103. *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, edited by M. Hovi and T. Baars. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.
Available online:
<http://www.veeru.reading.ac.uk/organic/FINALProceedingsEdited.pdf> (accessed September 10, 2004)
Keywords: animal welfare; animal health; livestock production

104. "Breeding for Improved Disease Resistance in Organic Farming - Possibilities and Constraints," by U. Magnusson. *Acta Veterinaria Scandinavica, Supplementum 95* (supp.) (2001): 59-61. *Note*: Paper: Veterinary Challenges in Organic Farming. Proceedings of the 14th Internordic Symposium of the Nordic Committee for Veterinary Scientific Cooperation (NKVet). Hveragerdi, Iceland, 5-8 October 2000. [NAL Call #: 11 AC82 SUPPL.]
Keywords: breeding; animal diseases; livestock production; animal health

105. "Breeding for Race Diversity, Herd Adaptation and Harmony of Animal Build: A Breeding Concept in Organic Farming," by T. Baars and W. Nauta. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 108-114. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.
Keywords: breeding; biodiversity; animal health; dairy cattle

106. "Breeding Strategies for Organic Animal Production, an International Discussion," by W. Nauta. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 7-13. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.
Keywords: breeding; livestock production; animal health; animal welfare; biodiversity

107. "Breeding Strategies for Organic Livestock," by J. E. Pryce et al. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 357-388. Wallingford, UK: CABI Publishing, 2004.

Keywords: breeding; disease resistance; poultry; swine; sheep

108. *A Brief Overview of Nutrient Cycling in Pastures*, by Alice Beetz (Livestock Systems Guide). Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2002.
Available online: <http://attra.ncat.org/attra-pub/nutcycle.html> (accessed September 10, 2004)
Keywords: pasture management; grazing; soil quality; nutrient management

109. "Buildings for Organic Production," by S. Parish. *Farm Building Progress* 101 (1990): 13-17.
Keywords: housing; storage; organic certification; laws and legislation; nutrient management; United Kingdom

110. "Bulgarian Experience in Preservation and Development of the Livestock Genetic Resources," by J. Krastanov and S. Lalaeva. In *Proceedings of the 7th World Congress on Genetics Applied to Livestock Production, Montpellier, France, August, 2002 Session 25*, pp. 1-4. Montpellier, France: Institut National de la Recherche Agronomique (INRA), 2002.
Keywords: breeding; breeds; poultry; buffaloes; cattle; poultry; goats; horses; swine; sheep; Bulgaria

111. "Comparison of Leys on Conventional and Organic Farms," by V. Geherman, R. Viiralt, and O. Ellermae. *Agronomy Research* 1, no. 1 (2003): 11-16. [NAL Call #: SB13 .A57]
Available online: <http://www.eau.ee/~agronomy/> (accessed September 10, 2004)
Keywords: crop yield; cropping systems; dairy farming; grasslands; nutrient content; soil quality; pasture management; Estonia

112. "Considerations of the Environmental and Animal Welfare Benefits of Organic Agriculture in the Netherlands," by E. Regouin. In *Organic Agriculture: Sustainability, Markets and Policies: OECD Workshop on Organic Agriculture, Washington, DC, USA, 23-26 September 2002*, pp. 103-114. Wallingford, UK: CABI Publishing, 2003.
Available online: <http://www1.oecd.org/publications/e-book/5103071E.PDF> (accessed September 10, 2004)
Keywords: livestock production; agricultural policy; animal welfare; comparisons; environmental impact; Netherlands

113. "Danish Research in Organic Animal Husbandry - Extent, Issues and Priorities," by J. E. Hermansen. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 21-22. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf
(accessed September 10, 2004)

Keywords: livestock production; research; Denmark

114. *DARCOF II Increased Production and Closer Relationships Between Organic and Inherent Qualities: An Introduction to Danish Research in Organic Farming 2000 2005*, by Danish Research Centre for Organic Farming. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2001.

Keywords: livestock production; research; Denmark

115. "Defining Positive Welfare and Animal Integrity," by H. Verhoog. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, pp. 108-119. Reading, UK: University of Reading Library, 2000.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004)

Keywords: animal welfare; ethics

116. "Does Organic Farming Face Distinctive Livestock Welfare Issues? - A Conceptual Analysis," by H. F. Alroe, M. Vaarst, and E. S. Kristensen. *Journal of Agricultural and Environmental Ethics* 14, no. 3 (2001): 275-299. [NAL Call #: BJ52.5.J68]

Available online:
http://orgprints.org/00000430/01/Organic_welfare_preeprint_5mar01.pdf (as archived by Organic Eprints)
(accessed September 10, 2004)

Keywords: animal welfare; livestock production

117. *Dung Beetle Benefits in the Pasture Ecosystem*, by Michelle Thomas. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2001.

Available online: <http://attra.ncat.org/attra-pub/dungbeetle.html> (accessed September 10, 2004)

Keywords: pasture management; soil quality; manures; nutrient management

118. "Effect of Dicot Weeds on Nutritive Value of Pasture Herbage in Organic Farming," by E. Kuusela and N. Hytti. *Organic Grassland Farming: Proceedings of the International Occasional Symposium of the European Grassland Federation, Witzenhausen, Germany, 10-12 July 2001*, edited by J. Isselstein, G. Spatz, and M. Hofmann, pp. 110-112 (Grassland Science in Europe, 6). Duderstadt; Reading, Berkshire, UK: Mecke Druck und Verlag; distributed by British Grassland Society, 2001. *Note:* Paper: Proceedings of EGF Occasional symposium: Organic grassland farming, 10-12 July 2001, Witzenhausen, Germany. [NAL Call #: SB202.E85 E87 2001]

Keywords: livestock production; grazing; pasture management; forage; feeds

119. "The Ethical Contract as a Tool in Organic Animal Husbandry," by V. Lund, R. Anthony, and H. Rocklinsberg. *Journal of Agricultural and Environmental Ethics* 17, no. 1 (2004): 23-49. [NAL Call #: BJ52.5 .J68]

Keywords: animal welfare; ethics; livestock production

120. "Evaluation of Some Environmentally-Friendly Private Livestock Farms in Central Slovakia," by V. Krajcovic et al. In *Livestock Farming Systems in Central and Eastern Europe*, by A. Giban and S. Mihina, pp. 245-248. Wageningen, Netherlands: Wageningen Academic Publishers, 2003.

Keywords: livestock production; costs; economics; farming systems; grazing; cattle; sheep; Slovakia

121. "The Farmer and the Animal: A Double Mirror," by X. Boivin, B. J. Lensink, and I. Veissier. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 7-15. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Available online:

<http://www.veeru.reading.ac.uk/organic/ProceedingsFI NAL.pdf> (accessed September 10, 2004)

Keywords: animal behavior; livestock production; animal welfare

122. *The Feasibility of Combining Animal Husbandry with Fish Farming, with Special Reference to Duck and Pig Production*, by FAO/UNDP Fish/Fish Culture Development Project Caracas Venezuela, edited by E. Woynarovich. Rome: FAO, 1975. *Note:* From: FAO Technical Conference on Aquaculture, Kyoto (Japan), 26 March 1976; Summaries in English, Spanish, and French.

Keywords: fish culture; livestock production; swine; pigs; poultry production; chickens; geese; ducks; manures; farming systems

123. "Feeding Animals Organically - the Practicalities of Supplying Organic Animal Feed," by S. Wilson. In *Recent Advances in Animal Nutrition: 2001*, edited by P. C. Garnsworthy and J. Wiseman, pp. 161-172. Nottingham, UK: Nottingham University Press, 2001. **Keywords:** laws and legislation; feeds; nutrient content; animal nutrition; organic certification

124. "Feeding for Health and Welfare," by Malla Hovi and Albert Sundrum. In *Proceedings of the 4th NAHWOA Workshop, 24-27.03.2001*, edited by M. Hovi and T. Baars, pp. 198-202. Wageningen, Netherlands: Network of Animal Health and Welfare in Organic Agriculture (NAHWOA), 2001.

Available online:

<http://orgprints.org/00000953/01/hovi-2003-feeding-health-welfare.pdf> (as archived by Organic Eprints) (accessed September 10, 2004)

Keywords: feeds; animal welfare; animal health; beef production; dairy farming; swine production; poultry production

125. "Feeding for Health and Welfare: The Challenge of Formulating Well-Balanced Rations in Organic Livestock Production," by W. Zollitsch et al. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 329-356. Wallingford, UK: CABI Publishing, 2004.

Keywords: animal nutrition; animal welfare; beef cattle; dairy cattle; diets; feeds; poultry; cattle; swine; sheep

126. "Genetic Improvement of Livestock for Organic Farming Systems," by D. Boelling et al. *Livestock Production Science* 80, no. 1/2 (2003): 79-88. *Note:* EAAP Publication 1-2003. [NAL Call #: SF1.L5] Available online:

http://orgprints.org/00001343/01/livestock_Boelling.pdf (as archived by Organic Eprints) (accessed September 10, 2004)

Keywords: breeding; dairy cattle; livestock production; poultry; cattle; swine

127. "Grass-Fed: Nature's Intention," by D. Rahn. *Rangelands* 23, no. 5 (2001): 30-31. [NAL Call #: SF85.A1R32]

Keywords: free-range husbandry; grasses; feeds; bison; range management; meat quality; poultry; cattle; United States

128. *Grass: Its Production and Utilization*, by A. Hopkins. 3rd ed. Oxford, UK: Blackwell Science, 2000.

Keywords: pasture management; lawns and turf; livestock production; grazing; animal nutrition; economics; grasslands; ornamental plants

129. *Grow It!: The Beginner's Complete in-Harmony-with-Nature Small Farm Guide; From Vegetable and Grain Growing to Livestock Care*, by Richard W. Langer. New York: Saturday Review Press, 1972. [NAL Call #: S501.L27-1972]

Keywords: farming systems; livestock production

130. *Grow It!: The Beginner's Complete in-Harmony-with-Nature Small Farm Guide, From Vegetable and Grain Growing to Livestock Care*, by Richard W. Langer. Rev. ed. New York: Nooday Press, 1994. [NAL Call #: S501.2.L37 1994]

Keywords: livestock production

131. "How to Measure Animal Welfare? The Idea of an "Animal Needs Index" ANI-35L

[Tiergerechtheitsindex TGI 35L]: A Practical Tool for Assessing Farm Animal Housing Conditions on Farm Level in Respect to Animals' Well Being and Behavioural Needs - Austrian Experiences," by H. Bartussek. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, edited by M. Hovi and R. Garcia Trujillo, pp. 135-142. Reading, UK: University of Reading Library, 2000.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004)

Keywords: housing; animal welfare; livestock production; animal behavior; Austria

132. "Human Animal Relationship and Housing: How to Translate Research into Better Standards and Practice?," by S. Roderick et al. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 108-111. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Available online:

<http://www.veeru.reading.ac.uk/organic/ProceedingsFI NAL.pdf> (accessed September 10, 2004)

Keywords: animal welfare; housing; livestock production

133. *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Available online:

<http://www.veeru.reading.ac.uk/organic/ProceedingsFI NAL.pdf> (accessed September 10, 2004)

Keywords: animal behavior; housing; animal welfare; livestock production

134. "Husbandry Methods and Farm Systems in Industrialised Countries Which Use Lower Levels of External Inputs: A Review," by H. Wagstaff. *Agriculture, Ecosystems and Environment* 19, no. 1 (1987): 1-28. [NAL Call #: S601.A34]

Keywords: livestock production; grazing; environmental impact; literature reviews; farming systems; pasture management

135. "Improvement of Human-Animal Relationship Needs a Reliable Measurement Tool for Animal Welfare," by E. Ofner et al. In *Human Animal*

Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000, edited by M. Hovi and M. Bouilhol, pp. 45-53. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001. Available online: http://www.veeru.reading.ac.uk/organic/ProceedingsFI_NAL.pdf (accessed September 10, 2004) Keywords: animal behavior; animal welfare; livestock production

136. *Information Resources for Livestock and Poultry Handling and Transport 1990-1998*, edited by Jennifer O'Driscoll (AWIC Resources Series No. 4). Beltsville, MD: Animal Welfare Information Center, National Agricultural Library, 1998. *Note*: Featured article by: Temple Grandin, Ph.D. Available online: <http://www.nal.usda.gov/awic/pubs/livestock/lvstchap.htm> (accessed September 10, 2004) Keywords: bibliographies; research; animal behavior; animal transport; animal handling

137. "Integration of Livestock into Organic Farming Systems: Health and Welfare Problems," by D. Younie. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, edited by M. Hovi and R. Garcia Trujillo, pp. 13-21. Reading, UK: University of Reading Library, 2000. Available online: <http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004) Keywords: farming systems; animal health; animal welfare; livestock production; Europe

138. *Introduction to Paddock Design and Fencing-Water Systems for Controlled Grazing*, by Ron Morrow (Livestock Systems Guide). Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 1999. Available online: <http://attra.ncat.org/attra-pub/paddock.html> (accessed September 10, 2004) Keywords: grazing; pasture management; farming systems; range management; livestock production

139. "Is There a Such a Thing as "Organic" Animal Welfare?," by V. Lund. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, pp. 151-160. Reading, UK: University of Reading Library, 2000. Available online: <http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004) Keywords: animal welfare; livestock production

140. *Life to the Land Guidelines to Bio-Dynamic Husbandry*, by K. Castelliz, pp. 71. East Grinstead, Sussex, UK: Lanthorn Press, 1980. Keywords: cropping systems; farming systems; livestock production; biodynamic farming

141. "Livestock, Ethics, and Quality of Life," by J. Hodges. *Journal of Animal Science* 81, no. 11 (2003): 2887-2894. [NAL Call #: 49 J82] Keywords: animal welfare; ethics; consumer economics; housing; animal behavior

142. "A Longitudinal Study of Environmental Mycobacteria on a Farm in South-West England," by H. D. Donoghue, E. Overend, and J. L. Stanford. *Journal of Applied Microbiology* 82, no. 1 (1997): 57-67. [NAL Call #: QR1.J687] Keywords: livestock production; organic transition; cattle; sheep; environmental impact; soil quality; water quality

143. "Methodology in Animal Health and Welfare Research in Organic Livestock," by M. Vaarst. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, pp. 22-24. Reading, UK: University of Reading Library, 2000. Available online: <http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004) Keywords: animal welfare; research; farming systems

144. "Mixed Grazing with Sows and Heifers: Effects on Animal Performance and Pasture," by Jakob Sehested et al. *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 35-40. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000. Available online: http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004) Keywords: livestock production; grazing; swine; sows; cattle; heifers; pasture management; comparisons

145. "Mixed Grazing with Sows and Heifers: Parasitological Aspects," by Allan Roepstorff et al. *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 41-44. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000. Available online: http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: livestock production; swine; sows; cattle; heifers; parasites; animal health; pasture management; helminths

146. "Mutilations in Organic Animal Husbandry: Dilemmas Involving Animal Welfare, Humans and Environmental Protection," by C. Menke et al. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 163-188. Wallingford, UK: CABI Publishing, 2004.

Keywords: animal welfare; beak trimming; dehorning; poultry; cattle; swine

147. "Natural Productivity," by T. Groh. *Biodynamics* 154 (1985): 29-37. [NAL Call #: 56.8 B52]

Keywords: crop production; livestock production; biodynamic farming; Germany

148. *NCAT's Organic Livestock Workbook: A Guide to Sustainable and Allowed Practices*. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2004.

Available online: <http://attra.ncat.org/attra-pub/PDF/livestockworkbook.pdf> (accessed September 10, 2004)

Keywords: livestock production; organic certification; organic transition

149. *Organic Animal Husbandry*, by Sandy Fritz and Thomas Andresen. Sydney, Australia: Fritz & Associates, 1994. [NAL Call #: S605.5.F75 1994]

Keywords: livestock production; feeds; Australia

150. "Organic Animal Husbandry: The Future Challenges," by M. Vaarst et al. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al. Wallingford, UK: CABI Publishing, 2004.

Keywords: livestock production; animal diseases; veterinary medicine

151. "Organic Farming - a Challenge to Nutritionists," by K. Jakobsen and J. E. Hermansen. *Journal of Animal and Feed Sciences* 10, no. 1 (supp.) (2001): 29-42. *Note:* Paper: New trends in animal nutrition, 28-29 June, 2001, Jachranka, Poland. [NAL Call #: SF1.J68]

Keywords: livestock production; animal diseases; animal nutrition; feeds; poultry; cattle; swine; research; Denmark

152. "Organic Farming and Animal Health," by A. Forest. *Quarterly Review: The Soil Association* 3, no. 3 (1977): 9-11. [NAL Call #: S605.5.S62]

Keywords: livestock production; animal health

153. "Organic Farming in the Nordic Countries - Animal Health and Production," by S. M. Thamsborg.

Acta Veterinaria Scandinavica, Supplementum 95 (supp.) (2001): 7-15. *Note:* Paper: Veterinary Challenges in Organic Farming. Proceedings of the 14th Internordic Symposium of the Nordic Committee for Veterinary Scientific Cooperation (NKVet), Hveragerdi, Iceland, 5-8 October 2000. [NAL Call #: 11 AC82 SUPPL.]

Keywords: animal health; livestock production; animal welfare; food safety

154. "Organic Grassland: The Foundation Stone of Organic Livestock Farming," by D. Younie. In *Organic Livestock Farming: Papers Presented at a Conference Held at the Heriot Watt University, Edinburgh and at the University of Reading, UK, 9 and 10 February 2001*, edited by D. Younie and J. M. Wilkinson, pp. 75-102. Lincoln, UK: Chalcombe Publications, 2001.

Keywords: pasture management; animal health; livestock production; animal diseases; nutrient management; grazing

155. *Organic Livestock Feed Suppliers*, by Anne Fanatico and Raeven Thomas. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2002.

Available online: <http://attra.ncat.org/attra-pub/livestockfeed.html> (accessed September 10, 2004)

Keywords: feeds; animal nutrition

156. *Organic Livestock Handbook: A Project of Canadian Organic Growers, Inc.*, by Anne Macey and Canadian Organic Growers. Ottawa: Canadian Organic Growers Inc., c2000. [NAL Call #: SF75.3.C2 O74 2000]

Keywords: livestock production; organic certification; Canada

157. "Organic Principles and Values: The Framework for Organic Animal Husbandry," by M. Vaarst et al. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 1-12. Wallingford, UK: CABI Publishing, 2004.

Keywords: livestock production; farming systems

158. "Outlining a Conception of Animal Welfare for Organic Farming Systems," by V. Lund and H. Rocklinsberg. *Journal of Agricultural and Environmental Ethics* 14, no. 4 (2001): 391-424. [NAL Call #: BJ52.5.J68]

Keywords: animal welfare; livestock production

159. "The Place for Organic Production of Livestock From Grass," by D. R. Stickland. In *Grassland Options for the Future: Coping with Restraints: British Grassland Society Winter Meeting, 7 December 1988, London, UK*, pp. 5.1-5.5. Hurley, Maidenhead, UK: British Grassland Society, 1988.

Keywords: swine; pigs; sheep; cattle; organic transition; feeds; forage; grazing; grasslands; United Kingdom

160. "Preconditions of Organic Livestock Farming to Improve Animal Health and Welfare," by A. Sundrum. In *Livestock Farming Systems: Integrating Animal Science Advances into the Search for Sustainability: Proceedings of the Fifth International Symposium on Livestock Farming Systems, Posieux, Fribourg, Switzerland, 19-20 August, 1999*, edited by D. Gagnaux and J. R. Poffet, pp. 81-88. Wageningen, Netherlands: Wageningen Pers, 2000.

Keywords: animal health; housing; animal welfare; livestock production; laws and legislation; comparisons

161. *Predator Control for Sustainable and Organic Livestock Production*. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2002. *Note:* Portions of this publication are based on the Predator FAQ © 2002 by Ronald Florence, with the permission of the author.

Available online: <http://attra.ncat.org/attra-pub/predator.html> (accessed September 10, 2004)

Keywords: livestock production; pasture management; predators; coyotes

162. "Promoting Health and Welfare Through Planning," by M. Hovi et al. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 253-277. Wallingford, UK: CABI Publishing, 2004.

Keywords: animal welfare; animal health; animal diseases; cattle; swine

163. "Recommendations for Fly Control in Organic Farming," by V. Maurer. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 338. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: livestock production; biological control; parasites; insect control

164. "Research on Animal Health and Welfare in Organic Farming - a Literature Review," by V. Lund and B. Algers. *Livestock Production Science* 80, no. 1/2 (2003): 55-68. *Note:* EAAP Publication 1-2003. [NAL Call #: SF1.L5]

Keywords: animal health; livestock production; animal welfare; animal diseases; milk production; veterinary medicine; parasites; literature reviews

165. "A Review of Integrated Livestock-Fowl-Fish Farming Systems," by M. N. Delmendo and FAO-UNDP Technical Assistance Project Dhanka (Bangladesh). In *Research Plans for Integrated*

Aquaculture, pp. 33-45 (FAO/UNDP TA Project BGD 83-010 Report No. 7). Dhaka, Bangladesh: FAO/UNDP, 1986.

Keywords: fish culture; farming systems; swine; pigs; poultry production; chickens; ducks; Southeast Asia

166. "The Role of Humans in the Management of Organic Herds," by M. Vaarst et al. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 205-225. Wallingford, UK: CABI Publishing, 2004.

Keywords: animal welfare; dairy farming; farmers' attitudes; cattle

167. *The Science and Ethics Behind Animal Well-Being Assessment*, edited by Richard Reynnells. Washington, DC: U.S. Department of Agriculture, Cooperative State Research, Education and Extension Service (CSREES), 2003. *Note:* One in a Series of Educational Programs Presented by the Future Trends in Animal Agriculture, United States Department of Agriculture, Wednesday, May 28th, 2003.

Available online:

<http://www.nal.usda.gov/awic/pubs/FTAAProceedings/scienceandethics.pdf> (accessed September 10, 2004)

Keywords: animal welfare; laws and legislation; research; USDA

168. "Scientific Principles and Practical Examples of Species-Specific Husbandry," by M. Rist, L. Rist, and S. Rist. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 89-103.

Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Available online:

http://www.veeru.reading.ac.uk/organic/ProceedingsFI_NAL.pdf (accessed September 10, 2004)

Keywords: animal behavior; livestock production; animal welfare; ethics

169. "Scoring Systems to Assess Housing Conditions of Farm Animals - Examples From Dairy Cows and Laying Hens," by B. Horning. In *Improving Health and Welfare in Animal Production: Proceedings of Sessions of the EAAP Commission on Animal Management & Health, The Hague, Netherlands, 21-24 August 2000*, edited by H. J. Blokhuis, E. D. Ekkel, and B. Wechsler, pp. 89-97. Wageningen, Netherlands: Wageningen Pers, 2000.

Keywords: housing; dairy cows; laying hens; Austria; Germany

170. "Short Communication: Sustainability of Organic Meat Production Under Swedish Conditions," by K. I. Kumm. *Agriculture, Ecosystems and Environment* 88,

no. 1 (2002): 95-101. [NAL Call #: S601.A34]
Keywords: environmental impact; meat production; livestock production; comparisons; Sweden

171. "Some Basic Principles of Organic Animal Husbandry," by E. Boehncke. *IFOAM Bulletin for Organic Agriculture* 10 (1990): 3-5.

Keywords: dairy farming; dairy cattle; housing

172. "Stockmanship: Constraints, Evaluation and Suggestions for Improvement," by M. Hovi and S. Padel. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 104-107. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Keywords: livestock production; animal welfare

173. "Strategies to Improve Animal Welfare Through "Good" Stockmanship," by F. H. d. Jonge et al. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 40-44. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Available online:

http://www.veeru.reading.ac.uk/organic/ProceedingsFI_NAL.pdf (accessed September 10, 2004)

Keywords: animal behavior; housing; animal welfare; livestock production

174. *Sustainable Pasture Management*, by Alice Beetz (Livestock Systems Guide). Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2001.

Available online: <http://attra.ncat.org/attra-pub/sustpast.html> (accessed September 10, 2004)

Keywords: pasture management; weeds; grazing

175. "Swapping Manure - an Idea That's Spreading," by G. Bowman. *New Farm* 14, no. 1 (1992): 21-22. [NAL Call #: S1.N32]

Keywords: livestock production; manures; nutrient management; fertilizers; Iowa

176. "Understanding Animal Behaviour and Its Use in Organic Animal Husbandry," by V. Lund and D. Weary. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 95-115.

Wallingford, UK: CABI Publishing, 2004.

Keywords: livestock production; animal behavior

177. "The Use of Herbal Leys in Modern British Organic Farming Systems," by L. Woodward and L. Foster. In *Global Perspectives on Agroecology and Sustainable Agricultural Systems: Proceedings of the Sixth International Scientific Conference of the International Federation of Organic Agriculture Movements (IFOAM)*, pp. 421-431. Santa Cruz, CA: Agroecology Program, University of California, c1988.

Note:

[NAL Call #: S605.5.I45 1986]

Keywords: pasture management; cropping systems; soil quality; forage; grazing; animal nutrition; United Kingdom

178. *Vision of Breeding for Organic Agriculture*, by Nauta Wytze et al. Driebergen, Netherlands: Louis Bolk Instituut, 2003. Note: Report, Livestock production

Available online:

<http://orgprints.org/00001334/01/wvvisibr.pdf> (as archived by Organic Eprints) (accessed September 10, 2004)

Keywords: livestock production; breeds; breeding; farmers' attitudes; research; Netherlands

179. "What Is Ecological Animal Husbandry?," by V. Lund. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 9-12. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: livestock production; Scandinavia

180. "What to Do About Animal Welfare in Organic Farming? A Report on the Animal Welfare Discussion at the 2nd NAHWOA Workshop," by S. M. Thamsborg, M. Hovi, and T. Baars. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, 8-11 January 2000*, edited by M. Hovi and R. Garcia-Trujillo, pp. 161-165. Reading, UK: University of Reading Library (RUL), 2000.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004)

Keywords: livestock production; animal welfare

General Livestock Production – Veterinary Practice

181. "Acknowledging the Potential Role of Animal Self-Medication," by Cindy R. Engel. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 355-358. Aberystwyth: Organic Centre Wales, 2002.
Available online:
<http://www.organic.aber.ac.uk/library/Role%20of%20animal%20self-medication.pdf> (accessed September 10, 2004)
Keywords: animal welfare; animal health; animal nutrition; livestock production
182. "Acupuncture for General Veterinary Practice," by Wing W. Chan et al. *Journal of Veterinary Medical Science: The Japanese Society of Veterinary Science* 63, no. 10 (2001): 1057-1062. [NAL Call #: SF604.J342]
Keywords: acupuncture; veterinary medicine; alternative medicine
183. "Alternative Methods for the Control of Pain," by P. J. Pascoe. *Journal of the American Veterinary Medical Association* 221, no. 2 (2002): 222-229. *Note:* Paper: 2001 AVMA Animal Welfare Forum: Pain Management, October 14, 2001, Chicago, Illinois. [NAL Call #: 41.8 Am3]
Keywords: alternative medicine; acupuncture; animal welfare; animal nutrition; feeds; homeopathy; herbal medicines; veterinary medicine
184. "Alternative Therapy of Animals - Homeopathy and Other Alternative Methods of Therapy," by T. Loken. *Acta Veterinaria Scandinavica, Supplementum* 95 (supp.) (2001): 47-50. *Note:* Veterinary Challenges in Organic Farming: Proceedings of the 14th Internordic Symposium of the Nordic Committee for Veterinary Scientific Cooperation (NKVet). Hveragerdi
Keywords: veterinary medicine; acupuncture; cows; homeopathy; mastitis; cattle
185. "Alternative Therapy Use on UK Organic Farms - Constraints and Pitfalls," by M. Hovi. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst, pp. 7-13. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.
Available online:
<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)
Keywords: animal health; alternative medicine; dairy cattle; mastitis; United Kingdom
186. *Analysis of Black Holes in Our Knowledge Concerning Animal Health in the Organic Food Production Chain*, by Aize Kijlstra et al. Wageningen, Netherlands: Wageningen University and Research Center, 2003.
Available online:
<http://orgprints.org/00001034/01/IDhiaten.pdf> (as archived by Organic Eprints) (accessed September 10, 2004)
Keywords: animal health; animal diseases; feeds; laws and legislation; alternative medicine; European Union
187. "Animal Feed Quality and Good Agricultural Practice," by V. Dell'Orto, F. Valfre, and G. Enne. In *Residues of Veterinary Drugs and Mycotoxins in Animal Products: New Methods for Risk Assessment and Quality Control: Proceedings of the Teleconference Held on Internet (Listserver Meatqual) From April 15-August 31, 1994*, edited by G. Enne, H. A. Kuiper, and A. Valentini, pp. 101-109. Wageningen, Netherlands: Wageningen Pers, 1996.
Keywords: drug therapy; feeds; veterinary medicine; livestock production
188. "Animal Health and Diseases in Organic Farming: An Overview," by S. M. Thamsborg, S. Roderick, and A. Sundrum. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 227-252. Wallingford, UK: CABI Publishing, 2004.
Keywords: livestock production; animal diseases; animal health; food safety; parasites; poultry; cattle; sheep; swine
189. *Animal Health and Welfare in Organic Farming*, by Malla Hovi et al. Reading, UK: Organic Livestock Research Group (OLRG), Veterinary Epidemiology and Economics Research Unit (VEERU), Department of Agriculture, University of Reading, 2001. *Note:* "The production of the compendium was funded by the Ministry of Agriculture, Fisheries and Food (MAFF)." Also available on a CD ROM.
Available online: <http://www.organic-vet.reading.ac.uk/Default.htm> (accessed September 10, 2004)
Keywords: veterinary medicine; livestock production; organic certification; laws and legislation; swine; cattle; sheep; poultry; animal diseases; animal welfare; animal health; United Kingdom
190. "Animal Health Plans for Organic Farms: The UK Experience," by D. Gray and M. Hovi. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst, pp. 132-143. Reading, UK:

Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: animal health; organic certification; laws and legislation; United Kingdom

191. "Approaches to the Treatment of Diseased Animals," by M. Vaarst et al. In *Animal Health and Welfare in Organic Agriculture*, edited by M. Vaarst et al., pp. 279-307. Wallingford, UK: CABI Publishing, 2004.

Keywords: animal diseases; mastitis; homeopathy; therapy; herbal medicines; alternative medicine

192. *Australian Tea Tree Oil: First Aid for Animals*, by Cheyanne West. 1st ed. Pagosa Springs, CO: Kali Press, 1998. [NAL Call #: SF914.3 .W48 1998]

Keywords: veterinary medicine; alternative medicine; herbal medicines

193. "AVMA Guidelines for Complementary and Alternative Veterinary Medicine," *Journal of the American Veterinary Medical Association* 218, no. 11 (2001): 1731. [NAL Call #: 41.8 Am3]

Keywords: veterinary medicine; alternative medicine

194. *Basic Homeopathy for Beast - and Man: Simple, Safe, and Effective Treatments for Everyday Ailments*, by Ilse H. Garriss. Eliot, ME: Howl'n Moon Press, c1997. [NAL Call #: SF746.G37 1997]

Keywords: veterinary medicine; homeopathy; alternative medicine

195. *Bioenergetic Medicine: Homeopathy and Acupuncture for Animals*, by Joanne Stefanatos. Bel Air, MD?: American Holistic Veterinary Medical Association, 1990? [NAL Call #: SF746.S84]

Keywords: veterinary medicine; homeopathy; acupuncture; alternative medicine

196. "Biological Control of Helminths," by M. Larsen. *International Journal for Parasitology* 29, no. 1 (1999): 139-146; 153-154. [NAL Call #: QH547.I55]

Keywords: animal health; veterinary medicine; livestock production; parasites; helminths

197. *Compendium of Animal Health and Welfare in Organic Farming*, by UK Organic Livestock Research Group VEERU. Reading, UK: Department of Agriculture, University of Reading, 2000. *Note:* Also available as CD-ROM.

Available online: <http://www.organic-vet.reading.ac.uk/> (as Animal Health and Welfare in Organic Farming) (accessed September 10, 2004)

Keywords: livestock production; animal health; animal

welfare; veterinary medicine; animal diseases; cattle; sheep; swine; pigs

198. "Complementary and Alternative Therapies," by F. Hunter and S. B. Kayne. In *Veterinary Pharmacy*, edited by S. B. Kayne and M. H. Jepson, pp. 135-158. London: Pharmaceutical Press, 2004.

Keywords: alternative medicine; veterinary medicine; acupuncture; homeopathy; herbal medicines

199. "Complementary and Alternative Veterinary Medicine," by D. Hare. *Canadian Veterinary Journal* 40, no. 6 (1999): 376-377. [NAL Call #: 41.8 R3224]

Keywords: veterinary medicine; alternative medicine; acupuncture; homeopathy

200. "Complementary and Alternative Veterinary Medicine and Gastrointestinal Disease," by H. M. Berschneider. *Clinical Techniques in Small Animal Practice* 17, no. 1 (2002): 19-24. *Note:* In the special issue: Alternative Medicine, edited by S.G. Wynn. [NAL Call #: SF911.S45]

Keywords: veterinary medicine; homeopathy; acupuncture; herbal medicines; feeds; alternative medicine; animal diseases

201. "Complementary and Alternative Veterinary Medicine and Urologic Conditions," by C. A. T. Buffington. *Clinical Techniques in Small Animal Practice* 17, no. 1 (2002): 34-36. *Note:* In the special issue: Alternative Medicine, edited by S.G. Wynn. [NAL Call #: SF911.S45]

Keywords: veterinary medicine; herbal medicines; alternative medicine; animal diseases

202. *Complementary and Alternative Veterinary Medicine: Principles and Practice*, by Allen M. Schoen and Susan G. Wynn. St. Louis, MO: Mosby, c1998. [NAL Call #: SF745.5.C65 1998]

Keywords: veterinary medicine; alternative medicine

203. "Complementary and Alternative Veterinary Medicine: The Immune System," by W. J. Dodds. *Clinical Techniques in Small Animal Practice* 17, no. 1 (2002): 58-63. *Note:* In the special issue: Alternative Medicine, edited by S.G. Wynn. [NAL Call #: SF911.S45]

Keywords: veterinary medicine; alternative medicine; animal diseases; animal nutrition

204. *The Control of Internal Parasites in Cattle and Sheep*, by Jean Duval. Ste-Anne-de-Bellevue, QC: Ecological Agriculture Projects, McGill University, 1997.

Available online:

<http://www.eap.mcgill.ca/Publications/EAP70.htm> (accessed September 10, 2004)

Keywords: veterinary medicine; cattle; sheep; parasites; herbal medicines; pasture management; meat production

205. "Controlled Clinical Trials Used in the Evaluation of Clinical Effect of Homeopathic Treatment in Farm Animals," by L. Hektoen. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst, pp. 42-49. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: animal health; homeopathy; veterinary medicine; mastitis; dairy cows

206. "Conventional Vs Nonconventional Medicine," by J. B. Herrick. *Journal of the American Veterinary Medical Association* 201, no. 6 (1992): 854-855. [NAL Call #: 41.8 Am3]

Keywords: veterinary medicine; homeopathy; comparisons; alternative medicine

207. *Desk Study on Homeopathy in Organic Livestock Farming: Principles, Obstacles and Recommendations for Practice and Research*, by Ton Baars et al. Driebergen, Netherlands: Louis Bolk Instituut, 2003.

Available online:

<http://www.louisbolk.nl/downloads/homeopathy.pdf> (accessed September 10, 2004)

Keywords: homeopathy; alternative medicine; veterinary medicine; animal health; research

208. "Development of Health Advisory Service in Danish Organic Dairy Herds - Presentation of an Action Research Project," by M. Vaarst et al. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst, pp. 144-151. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: animal health; veterinary medicine; laws and legislation; Denmark

209. *Dictionary of Ethnoveterinary Plants of India*, by S. K. Jain and Sumita Srivastava. New Delhi: Deep Publications, 1999. [NAL Call #: SF745.5 .J35 1999]

Keywords: veterinary medicine; alternative medicine; herbal medicines

210. "Ectoparasites of Livestock in Europe and the Mediterranean Region," by E. Colebrook and R. Wall. *Veterinary Parasitology* 120, no. 4 (2004): 251-274. [NAL Call #: SF810.V4]

Keywords: animal health; livestock production; parasites; animal diseases; epidemiology; Europe

211. *Electroacupuncture in Veterinary Medicine*, edited by S. White. San Francisco, CA: Chinese Materials Center, 1984. *Note*: P.A. Herbert and T. Hwang, translators

Keywords: veterinary medicine; acupuncture; alternative medicine

212. *Ethnoveterinary Medicine: Alternatives for Livestock Development: Proceedings of an International Conference Held in Pune, India, on 4-6 November, 1997*, edited by Evelyn Mathias and BAIF Development Research Foundation. Pune, India: BAIF Development Foundation, 1998. *Note*: vol. 2. Abstracts. [NAL Call #: SF745.5 .E85 1998]

Keywords: veterinary medicine; alternative medicine; bibliographies

213. *Ethnoveterinary Medicine: An Annotated Bibliography*, edited by E. Mathias-Mundy and C. M. McCorkle (Bibliographies in Technology and Social Change 6). Ames, IA: International Development Studies, Iowa State University?, 1989.

Keywords: veterinary medicine; alternative medicine; bibliographies

214. *Ethnoveterinary Medicine: An Annotated Bibliography of Community Animal Healthcare*, by Marina Martin, Evelyn Mathias, and Constance M. McCorkle (Indigenous Knowledge and Development Series). London: ITDG Pub., 2001. [NAL Call #: Z6674 .M38 2001]

Keywords: veterinary medicine; alternative medicine; bibliographies

215. "Ethnoveterinary Medicine and Development - a Review of the Literature," by E. Mathias-Mundy and C. M. McCorkle. In *The Cultural Dimension of Development: Indigenous Knowledge Systems*, edited by D. M. Warren, L. J. Slikkerveer, and D. Brokensha, pp. 488-498. London: Intermediate Technology Publications Ltd (ITP), 1995.

Keywords: veterinary medicine; alternative medicine; bibliographies

216. *Ethnoveterinary Research and Development*, by Constance M. McCorkle, Evelyn Mathias-Mundy, and T. W. Schillhorn van Veen (IT Studies in Indigenous Knowledge and Development). London: Intermediate Technology Publications, 1996. [NAL Call #: SF615.E84 1996]

Keywords: veterinary medicine; alternative medicine; research

217. "EU Regulation 1804/1999 - the Implications of Limiting Allopathic Treatment," by R. Keatinge et al. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, 8-11 January 2000*, edited by M. Hovi and R. Garcia-Trujillo, pp. 92-98. Reading, UK: University of Reading Library (RUL), 2000. Available online:

<http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004)

Keywords: livestock production; animal diseases; animal welfare; veterinary medicine; laws and legislation; Europe

218. "Evaluation of Anthelmintic Properties of Extracts From Some Plants Used as Livestock Dewormers by Pastoralist and Smallholder Farmers in Kenya Against Heligmosomoides Polygyrus Infections in Mice," by J. B. Githiori et al. *Veterinary Parasitology* 118, no. 3/4 (2003): 215-226. [NAL Call #: SF810.V4]

Keywords: veterinary medicine; nematodes; anthelmintics; drug therapy; herbal medicines; Kenya

219. "Food for Thought for Food Animal Veterinarians: What Does Organic Mean," by J. B. Herrick. *Journal of the American Veterinary Medical Association* 197, no. 10 (1990): 1287-1288. [NAL Call #: 41.8-AM3]

Keywords: animal welfare; food quality

220. "The Future of Veterinary Parasitology: A Time for Change?," by R. C. A. Thompson. *Veterinary Parasitology* 98, no. 1/3 (2001): 41-50.

Keywords: veterinary medicine; animal diseases; biological control; epidemiology; research; agricultural policy

221. "Global Perspectives on Nematode Parasite Control in Ruminant Livestock: The Need to Adopt Alternatives to Chemotherapy, with Emphasis on Biological Control," by P. J. Waller. *Animal Health Research Reviews: Conference of Research Workers in Animal Diseases* 4, no. 1 (2003): 35-43. [NAL Call #: SF601.A547]

Keywords: animal health; animal diseases; parasites; nematodes; livestock production; veterinary medicine; alternative medicine

222. "Homeopathic Medicine: Research Data From Italy," by A. Martini et al. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst, pp. 33-41. Reading, UK:

Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: dairy cattle; sheep; animal health; veterinary medicine; homeopathy; beef cattle; Italy

223. "Homeopathy as Part of Health Management on Organic Farms," by A. Striezel. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst, pp. 20-26. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: animal health; veterinary medicine; homeopathy; dairy cattle; laws and legislation; Germany

224. "Homeopathy: Evidence and Clinical Applications," by S. G. Wynn. In *Proceedings of the North American Veterinary Conference*, pp. 20-23. Gainesville, FL: Eastern States Veterinary Association, 1998. *Note:* Paper: Meeting held on January 10-14, 1998, Orlando, Florida. [NAL Call #: SF605.N672]

Keywords: veterinary medicine; alternative medicine; homeopathy

225. "Homeopathy in Your Veterinary Practice - Potential, Principles and How to Begin," by C. Chambreau. In *Proceedings of the North American Veterinary Conference*, pp. 1-7. Gainesville, FL: Eastern States Veterinary Association, 2001. *Note:* In the volume: Small Animal and Exotics. Part of a three volume set. Meeting held January 13-17, 2001 in Orlando, Florida. [NAL Call #: SF605.N672]

Keywords: veterinary medicine; homeopathy

226. "Homeotherapeutics an Introduction," by C. E. Sheaffer. In *Proceedings of the North American Veterinary Conference*, pp. 827-828. Gainesville, FL: Eastern States Veterinary Association, 1994. *Note:* Paper: Meeting held January 15-20, 1994, Orlando, Florida. [NAL Call #: SF605.N672]

Keywords: veterinary medicine; alternative medicine; homeopathy

227. "Homeotherapeutics in a Mixed Practice," by C. E. Sheaffer. In *Proceedings of the North American Veterinary Conference*, pp. 828-829. Gainesville, FL: Eastern States Veterinary Association, 1994. *Note:* Paper: Meeting held January 15-20, 1994, Orlando, Florida. [NAL Call #: SF605.N672]

Keywords: veterinary medicine; homeopathy; alternative medicine

228. "An Insight into the AVMA Guidelines for Complementary and Alternative Veterinary Medicine," *Journal of the American Veterinary Medical Association* 218, no. 11 (2001): 1729-1730. [NAL Call #: 41.8 Am3]

Keywords: veterinary medicine; alternative medicine

229. "Integrated and Biological Control of Parasites in Organic and Conventional Production Systems," by S. M. Thamsborg, A. Roepstorff, and M. Larsen. *Veterinary Parasitology* 84, no. 3/4 (1999): 169-186. *Note*: In the special issue: Parasites, Production and Environment, edited by C.M. Christensen, N.C. Kyvsgaard and P. Nansen. Plenary papers of the 17th International Conference of the World Association for the Advancement of Veterinary Parasitology, August 15-19, 1999, Copenhagen, Denmark. [NAL Call #: SF810.V4]

Keywords: livestock production; veterinary medicine; alternative medicine; parasites; biological control; grazing; pasture management; literature reviews

230. *Integrated Parasite Management for Livestock*, by Ann Wells. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 1999. Available online: <http://attra.ncat.org/attra-pub/livestockipm.html> (accessed September 10, 2004)

Keywords: veterinary medicine; pasture management; livestock production; ruminants; animal health

231. "An Introduction to Veterinary Homeopathy," by C. Chambreau. In *Proceedings of the North American Veterinary Conference*, pp. 747-752. Gainesville, FL: Eastern States Veterinary Association, 1996. *Note*: Paper: Meeting held Jan. 13-17, 1996, Orlando, Florida. [NAL Call #: SF605.N672]

Keywords: veterinary medicine; homeopathy; alternative medicine

232. "Livestock Producers' Ratings of Alternative Veterinary Information Sources," by J. K. Wise. *Journal of the American Veterinary Medical Association* 192, no. 6 (1988): 808-810. [NAL Call #: 41.8 AM3]

Keywords: veterinary medicine; alternative medicine; farmers' attitudes; livestock production; information sources

233. *Manual of Natural Veterinary Medicine: Science and Tradition*, by Susan G. Wynn and Steve Marsden. St. Louis, MO: Mosby, c2003. [NAL Call #: SF745.5 .W96 2003]

Keywords: veterinary medicine; alternative medicine

234. *Medicinal Agent and Method for Treatment of Mastitis in Animals and Humans*, by A. M. Deryabin US Patent 5,061,491, 1991. *Note*: Patent numbers: US Cl. 424/195.1; Int. Cl. A61K 35/78; US Patent 5,061,491.

Keywords: herbal medicines; mastitis; veterinary medicine; patents

235. "Modes of Treatment," by A. Rijnberk. *Australian Veterinary Journal* 75, no. 4 (1997): 260-261. [NAL Call #: 41.8 Au72]

Keywords: veterinary medicine; homeopathy; alternative medicine

236. "'Organic' Food Animal Agriculture and Medications," by M. W. Fox. *Journal of the American Veterinary Medical Association* 198, no. 5 (1991): 740-741. [NAL Call #: 41.8 Am3]

Keywords: veterinary medicine; animal health; livestock production

237. "Pasture Management and Composition as a Means of Minimizing Mineral Disorders in Organic Livestock," by F. S. MacNaedhe. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst, pp. 102-112. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: animal health; grazing; pasture management; feeds; animal nutrition; forage; soil quality; sheep

238. *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop*

Rodding, Denmark, November 11-13, 2001, edited by M. Hovi and M. Vaarst. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: animal health; veterinary medicine; homeopathy; alternative medicine; parasites; pasture management

239. *Proceedings of Holistic Veterinary Society, NZVA Conference 2001: NZVA Conference, 21-25 June 2001, Quality Hotel & Conference Centre, Hamilton, New Zealand*, edited by New Zealand Veterinary Association Holistic Veterinary Society (Publication (Massey University, Veterinary Continuing Education) 209). Palmerston North, New Zealand: Veterinary

Continuing Education, Massey University, 2001. [NAL Call #: SF604 .P82 no. 209]

Keywords: veterinary medicine; homeopathy

240. *Proceedings of the 3rd International Congress for Veterinary Homoeopathy [Sic] of the International Association for Veterinary Homoeopathy [Sic] / Kongressberichte Des 3 Internationalen Kongresses Fur Veterinarhomoeopathie Der International Association for Veterinary Homoeopathy [Sic]: Munster, Germany, 4 6 September 1992*

English/German Ed, edited by International Association for Veterinary Homoeopathy. Munchen: Verlag Muller & Steinicken, c1992. [NAL Call #: SF746.157 1992]

Keywords: veterinary medicine; alternative medicine; homeopathy

241. "Prospects for Controlling Animal Parasitic Nematodes by Predacious Micro Fungi," by M. Larsen. *Parasitology* 120 (supp) (2000): S121-131. [NAL Call #: 448.8 P21]

Keywords: veterinary medicine; parasites; helminths; nematodes; horses; cattle; sheep; swine; animal diseases; animal health; pasture management

242. "Regulatory Aspects of Complementary and Alternative Veterinary Medicine," by D. W. Ramey. *Journal of the American Veterinary Medical Association* 222, no. 12 (2003): 1679-1682. [NAL Call #: 41.8 Am3]

Keywords: acupuncture; herbal medicines; homeopathy; laws and legislation; veterinary medicine; alternative medicine

243. "Results of a Survey on Educational and Research Programs in Complementary and Alternative Veterinary Medicine at Veterinary Medical Schools in the United States," by A. M. Schoen. *Journal of the American Veterinary Medical Association* 216, no. 4 (2000): 502-509. [NAL Call #: 41.8 Am3]

Keywords: veterinary medicine; alternative medicine; education; United States

244. "Studies on Use of Homeopathy in Animals," by S. G. Wynn. *Journal of the American Veterinary Medical Association* 212, no. 5 (1998): 719-724. [NAL Call #: 41.8 Am3]

Keywords: homeopathy; veterinary medicine; alternative medicine

245. *A Survey of Organic Livestock Health and Treatment*, by G. Halliday et al. UK: Kintail Land Research Foundation, 1991.

Keywords: veterinary medicine; alternative medicine; animal diseases; homeopathy; helminths; parasites; cattle; sheep; Scotland

246. *Sustainable Medicine for Animals: Proceedings of the 24th Annual International Congress on Veterinary Acupuncture, Chitou, Nantou, Taiwan, 12-15 August 1998*, edited by Jen H. Lin et al. Nexø, Denmark: Research Centre of Bornholm, 1998.

Keywords: veterinary medicine; acupuncture; alternative medicine; dogs; cats; cattle; sheep

247. "Teaching the Ethics of Alternative Methods of Animal Health Care," by D. B. Coulter. *Journal of Veterinary Medical Education* 19, no. 4 (1992): 116-117. [NAL Call #: SF601.J62]

Keywords: veterinary medicine; alternative medicine; ethics; acupuncture; homeopathy; animal welfare; education

248. "Techniques and Practices in Ethnoveterinary Medicine," by E. Mathias-Mundy. In *Indigenous Knowledge Systems: Implications for Agriculture and International Development*, edited by D. M. Warren, L. J. Slikkerveer, and S. O. Titilola, pp. 79-85. Ames, IA: Technology and Social Change Program, Iowa State University, 1989. [NAL Call #: GN476.I5]

Keywords: veterinary medicine; alternative medicine; developing countries

249. "To Treat or Not to Treat: A Proper Use of Hormones and Antibiotics," by A. O. Refsdal. *Animal Reproduction Science* 60/61 (2000): 109-119. *Note:* In the special issue: Animal Reproduction: Research and Practice II, edited by M. Forsberg, T. Greve, H. Gustafsson, T. Katila, H. Kindahl and E. Ropstad. Paper: 14th International Congress on Animal Reproduction, July 2-6, 2000, Stockholm, Sweden. [NAL Call #: QP251.A5]

Keywords: veterinary medicine; alternative medicine; livestock production; animal welfare; etiology; animal health; breeding; ethics; literature reviews

250. "A Veterinarian's Perspective of Animal Health Problems on Organic Farms," by P. Plate. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 27-34. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:
http://www.safonetwork.org/publications/wp2pub/2_SAFO_pro.pdf (accessed September 10, 2004)

Keywords: veterinary medicine; animal health; livestock production

251. "Veterinary Acupuncture in California: A Status Report," by S. Altman. *California Veterinarian* 35, no. 9 (1981): 39-41. [NAL Call #: 41.8 C12]

Keywords: veterinary medicine; acupuncture; alternative medicine

252. "Veterinary Challenges in Organic Farming Proceedings of the 14th Internordic Symposium of the Nordic Committee for Veterinary Scientific Cooperation (NKVet) Hveragerdi, Iceland, 5-8 October 2000," by S. M. Thamsborg et al. *Acta Veterinaria Scandinavica, Supplementum* 95 (supp.) (2001): 92. [NAL Call #: 11 AC82 SUPPL.]

Keywords: veterinary medicine; breeding; animal health; livestock production; animal welfare; dairy cows; animal diseases; homeopathy; poultry; zoonoses

253. "Veterinary Homeopathy: An Overview," by W. G. Vockeroth. *Canadian Veterinary Journal* 40, no. 8 (1999): 592-594. [NAL Call #: 41.8 R3224]

Keywords: veterinary medicine; homeopathy; alternative medicine

254. "Veterinary Medicine and Organic Farming - the Use of Biotherapies in Animal Husbandry/ Medecine Veterinaire Et Agriculture Biologique Les Medecines Biotherapiques En Elevage," by H. Quiquandon. In *Basic Technics in Ecological Farming: 2nd Internatl Conference Held by IFOAM, Montreal, Oct 1-5, 1978; Maintaining Soil Fertility: 3eme Conf Internatl Organisee IFOAM, Bruxelles, 3-5 Sept 1980*, edited by S. S. Hill and P. Ott, pp. 149-170. Basel, Switzerland: Birkhauser Verlag, 1982. *Note:* In French with summaries in English, German. [NAL Call #: S605.5.B39]

Keywords: livestock production; veterinary medicine

General Livestock Production – Certification

255. "Animal Welfare in Relation to Standards in Organic Farming," by K. E. Hammarberg. *Acta Veterinaria Scandinavica, Supplementum* 95 (supp.) (2001): 17-25. *Note:* Paper: Veterinary Challenges in Organic Farming, Proceedings of the 14th Internordic Symposium of the Nordic Committee for Veterinary Scientific Cooperation (NKVet), Hveragerdi, Iceland, 5-8 October 2000. [NAL Call #: 11 AC82 SUPPL.]
Keywords: animal diseases; animal health; animal welfare; homeopathy; laws and legislation; organic certification

256. "Comparison of European Organic Livestock Standards with National and International Standards - Problems of Common Standards Development and Future Areas of Interest," by Otto Schmid. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, pp. 63-75. Reading, UK: University of Reading Library, 2000. *Note:* See also: Proceedings Appendix IV: A comparison of organic livestock production standards: the new EU Regulation No. 1804/1999, IFOAM Basic Standards of November 1998 and the new draft guidelines of Codex Alimentarius ALINORM 99/22A. Available online:
<http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004)
Keywords: organic certification; laws and legislation; comparisons; Europe

257. "A Comparison of Organic Livestock Production Standards: The New EU Regulation No 1804/1999, IFOAM Basic Standards of November 1998 and the New Draft Guidelines of Codex Alimentarius ALINORM 99/22A," by O. Schmid. In *Diversity of Livestock Systems and Definition of Animal Welfare:*

Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, 8-11 January 2000, edited by M. Hovi and R. Garcia-Trujillo, pp. 76-91. Reading, UK: University of Reading Library (RUL), 2000. Available online:
<http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004)
Keywords: livestock production; laws and legislation; organic certification; Europe

258. "Council Regulation (EEC) No 292/91 of 24 June 1991 on Organic Production of Agricultural Products and Indications Referring Thereto on Agricultural Products and Foodstuffs," by European Communities Council. *Official Journal of the European Communities* L198 (1991): 1-15. [NAL Call #: HC241.2.A1J61]
Keywords: agricultural policy; organic certification; livestock production; crop production; Europe

259. "Humane Labelling Programs: Can They Work with Organic Certification Programs?," by A. B. Stoneman and L. Mowbray. *Proceedings of the 14th IFOAM Organic World Congress: Cultivating Communities, Victoria, British Columbia, Canada, 21-28 August, 2002*, edited by Robert Thompson, pp. 74. Ottawa: Canadian Organic Growers (COG), 2002.
Keywords: certification; labeling; marketing

260. *International and National "Organic" Standards in the EU*, by L. M. Jespersen. Zarhus, Denmark: Danish Agricultural Advisory Centre, 1998.
Keywords: laws and legislation; organic certification

261. *International Federation of Organic Agriculture Movements Basic Standards of Organic Agriculture and Food Processing*, pp. 24. Tholey Theley, Germany: IFOAM, 1992.

Keywords: livestock production; organic certification; laws and legislation

262. *Norms: IFOAM Basic Standards for Organic Production and Processing: IFOAM Accreditation Criteria for Bodies Certifying Organic Production and Processing Including Policies Related to IFOAM Norms*, by International Federation of Organic Agriculture Movements. Tholey-Theley, Germany: IFOAM, c2002. [NAL Call #: S605.5 .1575 2002]
Keywords: organic certification

263. *Organic Livestock Documentation Forms*, by George Kuepper, Lisa Cone, and Joyce Ford. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2003. *Note*: The forms in this package are provided as tools that

livestock producers can use for documenting practices, inputs, and activities that demonstrate compliance with regulations or that assist in other aspects of farm record keeping.

Available online: <http://attra.ncat.org/attra-pub/PDF/livestockforms.pdf> (accessed September 10, 2004)

Keywords: organic certification; livestock production

264. "A Review of the Animal Needs Index (ANI) for the Assessment of Animals' Well-Being in the Housing Systems for Austrian Proprietary Products and Legislation," by H. Bartussek. *Livestock Production Science* 61, no. 2/3 (1999): 179-192. [NAL Call #: SF1.L5]

Keywords: housing; animal welfare; laws and legislation; Austria

General Livestock Production – Economic Issues

265. "Changes in Farm Structure Following Conversion to Organic Farming in Denmark," by V. Langer. *American Journal of Alternative Agriculture* 17, no. 2 (2002): 75-82. [NAL Call #: S605.5.A43]
Keywords: organic transition; economics; cropping systems; comparisons; livestock production; laws and legislation; Denmark

266. *Conversion Subsidies for Organic Production: Results From Sweden and Lessons for the United States*, by Luanne Lohr and Lennart Salomonsson (Faculty Series 98-04). Athens: University of Georgia, Department of Agricultural and Applied Economics, 1998.

Available online: <http://agecon.lib.umn.edu/cgi-bin/detailview.pl?paperid=610> (accessed September 10, 2004)

Keywords: agricultural policy; economics; organic transition; laws and legislation; Sweden; United States

267. *Conversion to Organic Agriculture in Australia: Problems and Possibilities in the Cereal-Livestock Industry*, by Els Wynen and National Association for Sustainable Agriculture (Australia). Sydney, Australia: National Association for Sustainable Agriculture, 1992. [NAL Call #: S605.5.W96 1992]

Keywords: organic transition; livestock production; economics; economic analysis; case studies; Australia

268. "Economic Investigations of Organic Calf to Beef and Sheep Production," by F. S. MacNaoidhe and W. Fingleton. *Newsletter of the European Network for Scientific Research Coordination in Organic Farming*

6 (1997): 20-22.

Keywords: economic analysis; economics; case studies; comparisons; costs and returns; calves; beef cattle; sheep; Europe

269. *Sharing Costs of Changes in Food Animal Production: Producers, Consumers, Society and the Environment*, edited by Richard Reynolds. Washington, DC: U.S. Department of Agriculture, Cooperative State Research, Education and Extension Service (CSREES), 2003. *Note*: One in a Series of Educational Programs Presented by the Future Trends in Animal Agriculture, United States Department of Agriculture, September 17, 2003

Available online:

<http://www.nal.usda.gov/awic/pubs/FTAAProceedings/sharingcosts.pdf> (accessed September 10, 2004)

Keywords: economics; research; farming systems; USDA; agricultural policy

270. *Socio-Economic Aspects of Animal Health and Food Safety in Organic Farming Systems: Proceedings of the 1st SAFO Workshop, Florence, Italy, 5-7 September 2003*, edited by Malla Hovi, Andrea Martini, and Susanne Padel. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2003.

Available online:

<http://www.safonetwork.org/publications/Bogworksho p1/index.html> (accessed September 10, 2004)

Keywords: livestock production; animal health; food safety; food quality; economics; marketing; case studies

General Livestock Production – Marketing

271. *Alternative Meat Marketing*, by Holly Born (Livestock Technical Note). Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2000.
Available online: <http://attra.ncat.org/attra-pub/altmeat.html> (accessed September 10, 2004)
Keywords: meat production; marketing; marketing channels; direct marketing; meat processing; meat quality
272. “Boning Up on Beef and Poultry: ‘Meat’-Ing the Challenge for Healthier Choices,” by D. Cheung. *Health Foods Business* 43, no. 6 (1997): 24, 26, 28. [NAL Call #: HD9001 .H44]
Keywords: livestock and meat industry; meat products; meat production; marketing; consumer economics
273. “Consumer Demand and Production of Organics in the EU,” by B. Sylvander and A. Le Floc’h-Wadel. *Agbioforum* 3, no. 2/3 (2000) [NAL Call #: HD9999.B442A33]
Available online: <http://www.agbioforum.org/> (accessed September 10, 2004)
Keywords: consumer economics; demand; marketing; organic certification; poultry; Europe
274. “Consumer Perception of Organic Food Production and Farm Animal Welfare,” by G. C. Harper and A. Makatouni. *British Food Journal* 104, no. 3/4/5 (2002): 287-299. [NAL Call #: 389.8 B77]
Keywords: livestock production; meat production; consumer economics; animal welfare; food quality; food safety; United Kingdom
275. “The Growing UK Organic Food Sector,” by M. Heaney. *Meat Demand Trends*, no. 01/4 (2001): 3-8.
Keywords: consumer economics; meat products; meat production; marketing; demography; economic outlook and situation; United Kingdom
276. *Implications of U.S. and Global Organic Dairy, Livestock and Poultry Production for International Trade*. Washington, DC: U.S. Department of Agriculture, Foreign Agricultural Service (FAS), 2000. *Note*: Includes “Overview of U.S. Organic Industry & Organic Livestock Production” and “Overview of Global Organic Agricultural Production.”
Available online:
<http://www.fas.usda.gov/dlp2/highlights/2000/organics/intro.html> (accessed September 10, 2004)
Keywords: marketing; meat production; international trade; economic outlook and situation
277. “Irish Consumer Preference for Organic Meat,” by P. O’Donovan and M. McCarthy. *British Food Journal* 104, no. 3/4/5 (2002): 353-370. [NAL Call #: 389.8 B77]
Keywords: consumer economics; marketing; meat quality; meat production; Irish Republic
278. *The Market for Meat and Dairy Alternatives*, by Business Trend Analysts Inc. Commack, NY: Business Trend Analysts, 2003.
Keywords: marketing; meat products; dairy products; United States
279. “Market Issues in Organic Meat and Dairy Markets,” by Fabio M. Santucci. In *Symposium on Organic Markets for Meat and Dairy Products: Trade Opportunities for Developing Countries*. Rome: Food and Agriculture Organization (FAO), 2002. *Note*: Paper: Intergovernmental Group on Meat and Dairy Products Nineteenth Session, Rome, 27-29 August 2002.
Available online:
<http://www.fao.org/organicag/doc/santucci.htm> (accessed September 10, 2004)
Keywords: marketing; dairy farming; dairy products; livestock production; consumer economics; economic outlook and situation; international trade; developing countries; Europe
280. “Marketing Organic Meat,” by M. R. Cameron. In *Organic Livestock Farming: Papers-Presented at a Conference Held at the Heriot Watt University, Edinburgh and at the University of Reading, UK, 9 and 10 February 2001*, edited by D. Younie and J. M. Wilkinson, pp. 11-24. Lincoln, UK: Chalcombe Publications, 2001.
Keywords: marketing; marketing channels; livestock production; meat production; United Kingdom
281. “Meat, an Ingredient,” by E. Klont. *World of Food Ingredients* Sept (2000): 43.
Keywords: meat products; ingredients; meat quality; marketing; meat production
282. *The North American Market for Organic Meat Products*, by Organic Monitor. London: Organic Monitor, 2004.
Keywords: meat products; beef; pork; chicken meat; marketing; consumer economics; economic outlook and situation; meat production; United States; Canada
283. *Organic Meat in Italy: Situation and Perspectives on the Light of the Experience of a Small Group of Firms Located in the Veneto Region*, by Luigi Galletto, pp. 34 (Working Paper WP03-2). St. Paul: University of Minnesota, Center for International Food and Agricultural Policy, 2003.
Available online: <http://agecon.lib.umn.edu/cgi-bin/detailview.pl?paperid=11086> (accessed September

10, 2004)

Keywords: meat production; economic outlook and situation; marketing; demand; Italy

284. "Organic Production and Ethical Trade: Definition, Practice and Links," by A. W. Browne et al. *Food Policy* 25, no. 1 (2000): 69-89. [NAL Call #: HD9000.1.F66]

Keywords: livestock production; animal welfare; ethics; marketing; international trade; United Kingdom

285. *Pasture Raised Products Message and Strategy: Consumer Focus Group Study*, by Kim Shelquist. Minneapolis, MN: Food Routes Network/Midwest Collaborators, 2002.

Available online:

<http://www.misa.umn.edu/Other/foodroutes.pdf> (accessed September 10, 2004)

Keywords: consumer economics; surveys; marketing; food quality; dairy products; meat products

286. *Recent Growth Patterns in the U.S. Organic Foods Market*, by Carolyn Dimitri and Catherine

Greene (Agriculture Information Bulletin No. AIB777). Washington, DC: U.S. Department of Agriculture, Economic Research Service (ERS), 2002.

Note: Includes Chapters: Organic Dairy Products; Organic, Meat, Poultry, and Eggs; Organic Fibers Available online:

<http://www.ers.usda.gov/publications/aib777/> (accessed September 10, 2004)

Keywords: marketing; statistics; economic analysis; consumer economics

287. *Structural Change or Logical Incrementalism? Turbulence in the Global Meat System: 2002 Annual Meeting, July 28-31, 2002, Long Beach, California*, edited by Peter Goldsmith et al. Ames, IA: American Agricultural Economics Association, 2002. *Note*: Selected Paper.

Available online: <http://agecon.lib.umn.edu/cgi-bin/detailview.pl?paperid=4598> (accessed September 10, 2004)

Keywords: livestock and meat industry; marketing; marketing channels; meat production; food safety; United States

General Livestock Production – Processing

288. *Handbook of Organic Food Processing and Production*, edited by S. Wright and D. McCrea. Oxford, UK: Blackwell Science, 2000. *Note*: Includes chapters: Organic meat and fish - production, processing and marketing; Organic poultry meat production; Organic dairy in the United States Keywords: food processing; meat processing; meat production

289. *A Preliminary Feasibility for Establishing a Multi-Species Meat Processing Plant in Southwestern*

North Dakota, by Dan Nudell et al. (Agricultural Economics Report 418). Fargo, ND: North Dakota State University, Department of Agricultural Economics, 1999.

Available online: <http://agecon.lib.umn.edu/cgi-bin/detailview.pl?paperid=1549> (accessed September 10, 2004)

Keywords: meat processing; alternative livestock; slaughter; economic analysis; meat production

General Livestock Production – Food Quality

290. "Carcass Quality in Certified Organic Production Compared with Conventional Livestock Production," by I. Hansson et al. *Journal of Veterinary Medicine, B* 47, no. 2 (2000): 111-120. [NAL Call #: 41.8 Z52] Keywords: swine; cattle; sheep; carcass quality; meat quality; meat production; Sweden

291. "A Comparison of Organically and Conventionally Grown Foods - Results of a Review of the Relevant Literature," by K. Woese et al. *Journal of the Science of Food and Agriculture* 74, no. 3 (1997): 281-293. *Note*: Includes chapters on milk and dairy products, meat and meat products, and eggs. [NAL Call #: 382 So12]

Keywords: literature reviews; food quality; meat quality; comparisons

292. "Consumer Perception of Meat Quality and Implications for Product Development in the Meat Sector - a Review," by Klaus G. Grunert, Lone Bredahl, and Karen Brunso. *Meat Science* 66, no. 2 (2004): 259-272.

Available online:

<http://www.hba.dk/fsk/sformat.asp?id=1802&mat=ar> (abstract only) (accessed September 10, 2004)

Keywords: meat quality; consumer economics; livestock and meat industry; meat products; meat production; marketing

293. "Contaminants in Organic and Conventional Foodstuffs in France," by L. Malmauret et al. *Food Additives and Contaminants* 19, no. 6 (2002): 524-532. [NAL Call #: TX553.A3F65]

Keywords: food safety; contaminants; eggs; meat composition; food quality

294. "Effect of Agricultural Methods on Nutritional Quality: A Comparison of Organic with Conventional Crops," by V. Worthington. *Alternative Therapies in Health and Medicine* 4, no. 1 (1998): 58-69. *Note*: Includes review of studies on animals fed organically grown feed.

Keywords: literature reviews; farming systems; animal health; feeds

295. *Food Traceability*, by Flair-Flow Europe (FFE 646/03/SME88). Halifax, UK: Flair Flow Reports, 2003. *Note*: Includes issues re: organic farming, animal feed, fish, meat, poultry, and dairy products.

Available online: <http://www.eufoodtrace.org/> (progress reports) (accessed September 10, 2004)

Keywords: food safety; traceability; food composition; meat production; Europe

296. "Nutritional Quality of Organic Food: Shades of Grey or Shades of Green?," by C. M. Williams. *Proceedings of the Nutrition Society* 61, no. 1 (2002): 19-24.

Keywords: consumer economics; meat quality; food composition; literature reviews

297. "Quantification of the Environmental Impact of Different Dietary Protein Choices," by L. Reijnders

and S. Soret. *American Journal of Clinical Nutrition* 78, no. 3 (supp) (2003): 664S-668S. [NAL Call #: 389.8 J824]

Keywords: consumer economics; diets; environmental impact; comparisons

298. "Relevance of Mycotoxins to Product Quality and Animal Health in Organic Farming," by Hans M. Paulsen and Friedrich Weissmann. In *Proceedings of the 14th IFOAM Organic World Congress: Cultivating Communities, Victoria, British Columbia, Canada, 21-28 August, 2002*, edited by Robert Thompson. Ottawa: Canadian Organic Growers (COG), 2002.

Available online:

<http://orgprints.org/00002023/01/2023-paulsen-weissmann-2002-14th-ifoam-ca-p212.pdf> (as archived by Organic Eprints) (accessed September 10, 2004)

Keywords: food quality; food safety; animal health; animal diseases

299. "Special Aspects of Ecological Farm Management on Pre-Harvest Food Safety in Meat and Milk," by Gerold Rahmann. In *WHO Consultation on Pre-Harvest Food Safety, Berlin, Germany, 26-28 March 2001*. Rome, Italy: Food and Agriculture Organization, 2001.

Keywords: food safety; food quality; livestock production

GENERAL CATTLE PRODUCTION

General Cattle Production – Overview

300. “Grazing Management for Profit,” by C. S. Mayne, R. W. J. Steen, and J. E. Vipond. In *Grazing Management: The Principles and Practice of Grazing, for Profit and Environmental Gain, within Temperate Grassland Systems: Proceedings of the British Grassland Society Conference Held at the Cairn Hotel, Harrogate, 29 February-2 March 2000*, edited by A. J. Rook and P. D. Penning, pp. 201-210. Aberystwyth: BBSRC Institute of Grassland and Environmental Research, 2000.

Keywords: pasture management; beef; beef cattle; consumer economics; economics; profitability; costs; dairy cows; grazing; sheep

301. “Nitrogen Fertilizer Value of Cattle Manure Applied on Soils Originating From Organic and Conventional Farming Systems,” by M. Langmeier et al. *Agronomie* 22, no. 7/8 (2002): 789-800. [NAL Call #: SB7.A3]

Keywords: manures; farming systems; fertilizers; soil quality; crop yield; comparisons; nitrogen

302. “The Nutrient Content of Cattle Manures From Organic Holdings in England,” by M. Shepherd et al. *Biological Agriculture and Horticulture* 20, no. 3 (2002): 229-242. [NAL Call #: S605.5.B5]

Keywords: livestock production; cattle; manures; nutrient management; United Kingdom

303. “The Performance of Ecological, Integrated and Conventional Nutrient Management Systems in Cereal Cropping in Finland,” by R. T. Poutala et al. *Field Crops Research* 37, no. 1 (1994): 3-10. [NAL Call #: SB183.F5]

Keywords: manures; nutrient management; fertilizers; farming systems; rotations; cropping systems; comparisons; Finland

304. “Possible Development of Organic Production in a Mountain Area of the Florence Province in Tuscany,” by V. A. Sottini et al. *British Food Journal* 104, no. 8/9 (2002): 654-669. [NAL Call #: 389.8 B77]

Keywords: livestock production; case studies; cattle; Italy

305. “The Potential of Organic Beef Production Using Dairy Breed Bull Calves,” by B. Nielsen, T. Kristensen, and S. M. Thamsborg. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 147-152. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:
http://www.darcof.dk/publication/rapport/dar_2.pdf
(accessed September 10, 2004)

Keywords: beef production; calves; bulls; dairy farming; dairy cattle

306. “Sustainability in Cattle Production Systems,” by C. J. C. Phillips and J. T. Sorensen. *Journal of Agricultural and Environmental Ethics* 6, no. 1 (1993): 61-73. [NAL Call #: BJ52.5.J68]

Keywords: cattle production; environmental impact; beef cattle

307. “System Expansion and Allocation in Life Cycle Assessment of Milk and Beef Production,” by C. Cederberg and M. Stadig. *International Journal of Life Cycle Assessment* 8, no. 6 (2003): 350-356.

Keywords: farming systems; dairy farming; life cycle; beef; milk; milk production; cattle

General Cattle Production – Animal Husbandry and Welfare

308. “Ecological Total Merit Index for an Austrian Dual Purpose Cattle Breed,” by R. Baumung et al. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 14-34. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.

Keywords: breeding; cattle; beef production; milk production; Simmental; animal health; livestock production

309. “Use of Trees in Smallholder Agriculture in Tropical Highlands,” by I. F. Neumann. In *Environmentally Sound Agriculture: Selected Papers, 4th Conference, International Federation of Organic Agriculture Movements, Cambridge, Mass, August 18-20, 1982*, edited by William Lockeretz, pp. 351-374. New York: Praeger, 1983. [NAL Call #: S604.5.E58]

Keywords: agroforestry; farming systems; cattle production; soil quality; developing countries; tropics; Rwanda

310. "Vitamin Supplies for Organically Kept Cattle: EU Regulation Must Be Adapted," by K. Manner. *Kraftfutter* 86, no. 5 (2003): 128-134. *Note:* In English and German. [NAL Call #: 389.78 K85]
Keywords: laws and legislation; feeds; animal nutrition; cattle; silage; vitamins

311. *Voisin Controlled Grazing Management: A Better Way to Farm, Part II*, by Bill Murphy, Doug Flack, and University of Vermont. 1 videocassette (38 min.) Burlington, VT: Perceptions, Inc., 1990. [NAL Call #: Videocassette no. 1328A]
Keywords: pasture management; cattle; grazing

General Cattle Production – Veterinary Practice

312. "Alternative Therapies - a View From the Other Side," by R. R. Cook. *Cattle Practice* 10, no. 2 (2002): 91-94. [NAL Call #: SF961.C37]
Keywords: acupuncture; livestock production; veterinary medicine; therapy

313. "Antibacterial Activity of Chaff Vinegar and Its Practical Application," by S. I. Makino et al. *Journal of Veterinary Medical Science: The Japanese Society of Veterinary Science* 62, no. 8 (2000): 893-895. [NAL Call #: SF604.J342]
Keywords: cattle; housing; animal health; bacteria; disinfection; animal diseases

314. *Atlas of Acupuncture for Cattle/ Atlas Der Akupunktur Des Rindes*, by E. Westermayer. Schorndorf, Germany: Biologisch-Medizinische Verlagsgesellschaft, 1980. *Note:* In English and German.
Keywords: veterinary medicine; acupuncture; alternative medicine; cattle

315. "Control of Gastrointestinal Nematodes in Organic Beef Cattle Through Grazing Management," by H. Hertzberg et al. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 129-137. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004. Available online:
http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)

Keywords: beef cattle; grazing; parasites; nematodes; animal health; Switzerland

316. *The Control of Internal Parasites in Ruminants*, by Jean Duval (AGRO-BIO - 370 - 04E). Ste-Anne-de-Bellevue, QC: Ecological Agriculture Projects, McGill University, 1994.
Available online:
<http://www.eap.mcgill.ca/AgroBio/ab370-04e.htm> (accessed September 10, 2004)
Keywords: veterinary medicine; cattle; herbal medicines; parasites; pasture management

317. *The Homoeopathic Treatment of Beef and Dairy Cattle*, by Christopher Day. Beaconsfield, Bucks, England: Beaconsfield Publishers, 1995. [NAL Call #: SF961.D39 1995]
Keywords: veterinary medicine; beef cattle; dairy cattle; homeopathy

318. "The Impact of Organic Standards on Cattle Health and Welfare - a Survey of Veterinarians, Advisors and Inspectors," by M. Hovi and M. Kossaibati. *Cattle Practice* 10, no. 3 (2002): 183-189. [NAL Call #: SF961.C37]
Keywords: animal health; animal welfare; cattle; livestock production; organic certification; veterinary medicine

319. "An Update on Veterinary Services to Organic Clients," by A. J. Hayton. *Cattle Practice* 9, no. 2 (2001): 123-131. [NAL Call #: SF961.C37]
Keywords: veterinary medicine; cattle; animal diseases

General Cattle Production – Economic Issues

320. "Economic Evaluation of Cattle Management in the System of Organic Farming," by I. Zivelova, J. Jansky, and P. Novak. *Zemedelska Ekonomika (Agricultural Economics)* 49, no. 10 (2003): 469-475.

[NAL Call #: 281.9 C332]
Keywords: economics; beef cattle; dairy cattle; profitability; costs and returns; Czech Republic

BEEF CATTLE PRODUCTION

Beef Cattle Production – Overview

321. *Beef Cattle Producers and “Sustainability” and “Organic” Indices*, by D. C. Taylor and D. M. Feuz (Economics Staff Paper 93-6). Brookings, SD: Economics Department, South Dakota State University, 1993.

Keywords: beef cattle; livestock production

322. “Comparison of Conventional and Organic Beef Production Systems: I Feedlot Performance and Production Costs,” by M. I. Fernandez and B. W. Woodward. *Livestock Production Science* 61, no. 2/3 (1999): 213-223. *Note*: In the special issue: Sustainability of Livestock Systems, edited by A. Gibon, A.R. Sibbald, and C. Thomas. [NAL Call #: SF1.L5]

Keywords: beef production; beef cattle; economic analysis; animal nutrition; costs; feeds; feed conversion

323. “Comparison of Organic and Sustainable Fed Cattle Production: A South Dakota Case Study,” by D. C. Taylor, D. M. Feuz, and M. Guan. *American Journal of Alternative Agriculture* 11, no. 1 (1996): 30-38. [NAL Call #: S605.5.A43]

Keywords: beef cattle; cattle production; beef production; environmental impact; comparisons; case studies; South Dakota

324. “The Farm They Couldn’t Plow Under,” by D. Kendall. *New Farm* 10, no. 7 (1988): 16-17, 62-63. [NAL Call #: S1.N32]

Keywords: cattle production; beef production; case studies; grazing; United States; Montana

325. “Get Ready for Organic Beef: in ‘Chemical Free’ Systems, Cattle and Profits Can Thrive,” by C. Shirley.

New Farm 16, no. 4 (1994): 37-41, 61. [NAL Call #: S1.N32]

Keywords: livestock production; beef cattle; meat production

326. *Natural Beef Main Information Page*, by Agricultural Marketing Research Center. Ames, IA: Agricultural Marketing Research Center, Iowa State University, no date.

Available online:

<http://www.agmrc.org/beef/natbeefmain.html> (accessed September 10, 2004)

Keywords: beef; marketing; marketing channels; information sources; meat production

327. *Organic and Conventional Beef Production – a European Perspective*, by David Younie. Aberdeen: Scottish Agricultural College, 2002?

Available online:

<http://www1.sac.ac.uk/cropsci/External/OrgServ/Help/Help/OrganicBeef.asp> (accessed September 10, 2004)

Keywords: livestock production; beef; comparisons; Europe

328. “The Practicalities and Economics of Ethologically and Ecologically Raised Double Suckled Beef,” by M. Kiley-Worthington and H. D. Randle. *Biological Agriculture and Horticulture* 16, no. 4 (1999): 381-393. [NAL Call #: S605.5.B5]

Keywords: beef cattle; economic analysis; animal welfare; beef production; United Kingdom

329. *Salad Bar Beef*, by Joel Salatin. Swoope, VA: Polyface, c1995. [NAL Call #: SF203.S37 1995]

Keywords: beef cattle; feeds; cattle production

Beef Cattle Production – Animal Husbandry and Welfare

330. “Cereals Instead of Milk Substitutes in the Diet of the Veal Calves: An Opportunity in Organic Farming?,” by I Morel. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 352. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: calves; veal calves; cattle; meat production; feeds

331. “Dairy Bull Calves as a Resource for Organic Beef Production: A Farm Survey in Denmark,” by B. Nielsen and S. M. Thamsborg. *Livestock Production Science* 75, no. 3 (2002): 245-255. [NAL Call #:

SF1.L5]

Keywords: dairy cattle; calves; marketing; beef; Denmark

332. “Effect of Selenium Content of Beef on the Redox Stability Index in the Blood Serum of Calves From Ecological Farming,” by H. D. Matthes et al. *Animal Science Papers and Reports* 20, no. Supplement 1 (2002): 75-80. *Note*: Paper: VIIIth conference on current problem of beef cattle breeding in the face of integration with European Union, Wroclaw, Poland, 20-21 June 2002. [NAL Call #: SF1.A53]

Keywords: beef cattle; calves; animal health; grazing; pasture management; selenium

333. *The Electric Prod and Organic Beef Production*, by Margaret Murphy (AGRO 498). Vernon, British Columbia: Cyber-Help for Organic Farmers: Rural Capacity Building Through Organic Agriculture Project, 2003. *Note*: MSWord document Available online: <http://www.certifiedorganic.bc.ca/rcbtoa/training/livestock.htm> (accessed September 10, 2004) **Keywords**: animal welfare; beef production; beef
334. "Factors Affecting the Conversion of a Clover-Based Beef System to Organic Production," by D. Younie, S. B. Heath, and G. J. Halliday. *Occasional Symposium, British Grassland Society* 22 (1988): 105-111. *Note*: Paper: "Conference organised jointly with the British Society of Animal Production," November 3-5, 1987, Peebles, Scotland. [NAL Call #: SB197.B7] **Keywords**: beef production; legumes; pasture management; grazing; forage; feeds; organic transition
335. "The Feeding and Management of Intensively Reared Bulls: Conventional Compared with Organic," by B. G. Lowman and M. Lewis. In *Recent Advances in Animal Nutrition (Feed Manufacturers Conference, University of Nottingham)*, edited by W. Haresign and D. J. A. Cole, pp. 181-209. Oxford, UK: Butterworth-Heinemann Ltd, 1991. **Keywords**: cattle; bulls; beef production; feeds; comparisons
336. *An Introduction to Organic Beef Production*, by Saskatchewan Agriculture and Food. Regina: Saskatchewan Agriculture & Food, 2000. Available online: <http://www.agr.gov.sk.ca/docs/organics/research/organicbeef.asp> (accessed September 10, 2004) **Keywords**: livestock production; beef cattle; beef production; organic transition; Saskatchewan; Canada
337. "Nutrient Cycling in Organic Farms: Stall Balance of a Suckler Cow Herd and Beef Bulls," by G. Haas, B. Caspari, and U. Kopke. *Nutrient Cycling in Agroecosystems* 64, no. 3 (2002): 225-230. [NAL Call #: S631.F422] **Keywords**: beef cattle; beef production; nutrient management; manures; Germany
338. *Organic Beef and Organic Pasture Fed Beef*, by Roger Henry (Maritime Certified Organic Growers Organic Profiles). Sackville, NB: Atlantic Canadian Organic Regional Network, 2002. Available online: <http://www.acornorganic.org/pdf/beefprofile.pdf> (accessed September 10, 2004) **Keywords**: beef; cattle; beef production; cattle production
339. "Organic Beef Production," by D. R. Neilson et al. *Occasional Symposium, British Grassland Society* 22 (1988): 273-277. *Note*: Paper: "Conference organised jointly with the British Society of Animal Production," November 3-5, 1987, Peebles, Scotland. [NAL Call #: SB197.B7] **Keywords**: beef cattle; beef production; calves; feeds; animal health; grazing; Scotland
340. "Organic Beef Production: Two Case Studies of Rearing/Finishing Enterprises," by D. Shell and D. Younie. In *Organic Livestock Farming: Papers Presented at a Conference Held at the Heriot Watt University, Edinburgh and at the University of Reading, UK, 9 and 10 February 2001*, edited by D. Younie and J. M. Wilkinson, pp. 129-143. Lincoln, UK: Chalcombe Publications, 2001. **Keywords**: beef production; animal health; beef; breeds; beef cattle; case studies; feeds; pasture management; profitability; United Kingdom
341. "Organic Beef Production with Emphasis on Feeding and Health of Dairy Bred Bull Calves," by B. Nielsen and S. M. Thamsborg. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 155-168. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001. **Keywords**: beef cattle; calves; dairy cattle; feeds; feeding; meat production; grazing; feeding; meat quality; animal health; Denmark
342. "Problem Areas in Animal Health and Welfare on Organic Farms: Effects of Pasture on Animal Health, Welfare and Performances of Organic Beef Reared in Tuscany in Italy," by A. Martini et al. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 89-100. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004. Available online: http://www.safonetwork.org/publications/wp2pub/2_SAFO_pro.pdf (accessed September 10, 2004) **Keywords**: beef production; certification; pasture management; animal nutrition; grazing; Italy
343. "Production Effects at Different Systems of Environmentally Friendly Grazing of Fat Heifers in the Carpathians," by S. Twardy et al. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-*

27 March, University of Kassel, Witzenhausen, Germany, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 115-122. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.
Available online:
http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)
Keywords: beef production; heifers; forage; grazing; pasture management; Poland

344. *Sustainable Beef Production*, by Anne Fanatico, Ron Morrow, and Ann Wells. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 1999.
Available online: <http://attra.ncat.org/attra-pub/beefprod.html> (accessed September 10, 2004)
Keywords: meat production; beef cattle; livestock production

Beef Cattle Production – Marketing

345. "Alone on the Range," by K. Hauck. *Prepared Foods* 161, no. 11 (1992): 32. [NAL Call #: HD9000.1.F646]
Keywords: livestock and meat industry; marketing; lamb meat; beef; case studies

346. *Alternative Beef Marketing*, by Richard Earles and Anne Fanatico (Livestock Technical Note). Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2000.
Available online: <http://attra.ncat.org/attra-pub/beefmark.html> (accessed September 10, 2004)
Keywords: beef production; direct marketing; cooperatives

347. "Beef From Alternative Production Systems," In *Beef Yearbook 1988*, pp. 145-153. Bletchley, UK: UK Meat and Livestock Commission, 1988.
Keywords: beef production; beef cattle; meat quality; costs; economic outlook and situation; farming systems; consumer economics

348. *Economic Issues with Natural and Organic Beef*, by Michael Boland, Elizabeth Boyle, and Christy Lusk (MF 2432). Manhattan, KS: Kansas State University Agricultural Experiment Station and Cooperative Extension Service, 1999.
Available online:
<http://www.oznet.ksu.edu/library/agec2/mf2432.pdf> (accessed September 10, 2004)
Keywords: beef industry; economics; meat production; beef cattle; consumer economics; marketing

349. "Impact of BSE on Organic Meat Industry," *Organic Monitor* (2003)
Available online:
<http://www.organicmonitor.com/r3012.htm> (accessed September 10, 2004)
Keywords: animal diseases; beef industry; food safety; food quality; consumer economics

350. "The Impact of Organic Foods and Vegetarianism," by C. R. W. Spedding. In *Foods for the '90s*, edited by G. G. Birch, G. Campbell Platt, and

M. G. Lindley, pp. 231-241. London: Elsevier Applied Science, 1990.
Keywords: livestock production; consumer economics; cattle; land resources; vegetarianism

351. *Marginal Value of Quality Attributes for Natural and Organic Beef*, by Michael Boland and Ted Schroeder. Manhattan: Department of Agricultural Economics, Kansas State University, 2002. *Note:* Posted by Agricultural Marketing Research Center, Iowa State University
Available online:
<http://www.agmrc.org/beef/info/ksunatbeef.pdf> (accessed September 10, 2004)
Keywords: beef; meat production; marketing; consumer economics; economic analysis; Kansas

352. *Marketing Opportunities for Natural Beef Products in the Intermountain West*, by Jennifer Grannis and Dawn Thilmany (AMR 00-02). Fort Collins: Department of Agricultural and Resource Economics, Cooperative Extension, Colorado State University, 2000.
Available online:
<http://dare.agsci.colostate.edu/csusagecon/extension/docs/agmarketing/beef.pdf> (accessed September 10, 2004)
Keywords: beef; marketing; marketing channels; surveys; consumer economics; Colorado

353. "Measuring Quantity-Constrained and Maximum Prices Consumers Are Willing to Pay for Quality Improvements: The Case of Organic Beef Meat," by Alessandro Corsi and Silvia Novelli. In *International Association of Agricultural Economists - 2003, Annual Meeting, August 16-22, 2003, Durban, South Africa* IAAE, 2003. *Note:* Contributed Paper.
Available online: <http://agecon.lib.umn.edu/cgi-bin/detailview.pl?paperid=10652> (accessed September 10, 2004)
Keywords: consumer economics; beef; marketing; comparisons

354. "Organic, Grass-Fed Beef: More Than a Niche?," by Pete Letheby. *Grand Island Independent* (August 1, 2003)

Available online:

http://www.theindependent.com/stories/080103/opi_pe te01.shtml (accessed September 10, 2004)

Keywords: beef; direct marketing; marketing channels; consumer economics; case studies; Nebraska

Beef Cattle Production – Food Quality

355. "Cadmium and Zinc in Kidney, Liver, Muscle and Mammary Tissue From Dairy Cows in Conventional and Organic Farming," by I. M. Olsson, S. Jonsson, and A. Oskarsson. *Journal of Environmental Monitoring* 3, no. 5 (2001): 531-538.

Keywords: dairy cows; meat quality; zinc; cadmium; comparisons

356. "Comparison of Conventional and Organic Beef Production Systems: II Carcass Characteristics," by B. W. Woodward and M. I. Fernandez. *Livestock Production Science* 61, no. 2/3 (1999): 225-231. *Note*: In the special issue: Sustainability of Livestock Systems, edited by A. Gibon, A.R. Sibbald, and C. Thomas. [NAL Call #: SF1.L5]

Keywords: beef cattle; carcass quality; meat quality; comparisons

357. "Stable Isotope Variation as a Tool to Trace the Authenticity of Beef," by M. Boner and H. Forstel. *Analytical and Bioanalytical Chemistry* 378, no. 2 (2004): 301-10. [NAL Call #: QD71 .F7]

Keywords: meat quality; beef; marketing; consumer economics; traceability

358. "Residues of Antibiotics, Hormones and Pesticides in Conventional, Natural and Organic Beef," by G. C. Smith et al. *Journal of Muscle Foods* 8, no. 2 (1997): 157-172. [NAL Call #: TX556.M4J68]

Keywords: cattle; beef; meat composition; food safety; residues; comparisons

DAIRY CATTLE PRODUCTION

Dairy Cattle Production – Overview

359. “Analysing Non-Replicated Data From Cropping Systems Experiments,” by G. Mikkelsen. In *Designing and Testing Crop Rotations for Organic Farming: Proceedings From an International Workshop*, edited by J. E. Olesen et al., pp. 277-283. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 1999.
Keywords: cropping systems; nutrient management; dairy farming; soil quality; rotations
360. “Animal Welfare - Development of Methodology for Its Assessment,” by R. Schulte et al. *Farm and Food* 8, no. 3 (1998): 20-23. [NAL Call #: S3.F38]
Keywords: case studies; comparisons; dairy farming; dairy cattle; animal welfare; United Kingdom
361. “The Battisti Family Dairy Farm: A Profile,” by R. Welsh. *Journal of Soil and Water Conservation* 51, no. 1 (1996): 34-37. [NAL Call #: 56.8 J822]
Keywords: dairy farming; organic transition; case studies; New York; United States
362. *Biannual Report, Danish Research Centre for Organic Farming, 1999-2000*, by Danish Research Centre for Organic Farming. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2001.
Keywords: research; livestock production; cattle; swine; consumer economics; Denmark
363. “Calculation of Fossil Energy Application: Storing and Preparation of Organic Manure,” by W. D. Kalk, W. Berg, and K. J. Hulsbergen. *Landtechnik* 57, no. 6 (2002): 338-343. [NAL Call #: 58.8 L235]
Keywords: housing; nutrient management; cattle; manures; energy
364. “Case Study of Cattle Farming Systems in Bulgaria,” by D. Dinev et al. In *Livestock Farming Systems in Central and Eastern Europe*, edited by A. Giban and S. Mihina, pp. 25-56. Wageningen, Netherlands: Wageningen Academic Publishers, 2003.
Keywords: economic outlook and situation; farming systems; cattle; case studies; Bulgaria
365. “Comparing Intensive, Extensified and Organic Grassland Farming in Southern Germany by Process Life Cycle Assessment,” by G. Haas, F. Wetterich, and U. Kopke. *Agriculture, Ecosystems and Environment* 83, no. 1/2 (2001): 43-53. [NAL Call #: S601.A34]
Keywords: farming systems; dairy farming; environmental impact; comparisons; life cycle; grasslands; Germany
366. “Comparison of Organic and Conventional Dairy Farms in Ontario,” by Y. O. Ogini, D. P. Stonehouse, and E. A. Clark. *American Journal of Alternative Agriculture* 14, no. 3 (1999): 122-128. [NAL Call #: S605.5.A43]
Keywords: dairy farming; dairy cows; comparisons; milk production; milk; Canada
367. “A Comparison of Two Systems of Organic Milk Production,” by R. F. Weller. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 111-116 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.
Keywords: dairy farming; milk production; comparisons
368. “A Computer Programme as an Interactive Tool for Planning Manure Allocation and Feed Supply on Mixed Organic Dairy Farms,” by J. P. Hansen et al. In *Livestock Farming Systems: More Than Food Production: Proceedings of the 4th International Symposium, Foulum, Denmark, 22-23 August 1996*, pp. 329-334. Wageningen, Netherlands: Wageningen Pers, 1997.
Keywords: dairy farming; farming systems; cropping systems; feeds; nutrient management; manures; Denmark
369. “Constant Goal, Changing Tactics: A Wisconsin Dairy Farm Start-Up,” by J. L. Posner et al. *American Journal of Alternative Agriculture* 13, no. 2 (1998): 50-60. [NAL Call #: S605.5.A43]
Keywords: case studies; dairy farming; animal health; dairy cattle; United States; Wisconsin
370. “Conversion From Conventional to Biological Dairy Farming: Economic and Environmental Consequences at Farm Level,” by P. B. M. Berentsen, G. W. J. Giesen, and M. M. F. H. Schneiders. *Biological Agriculture and Horticulture* 16, no. 3 (1998): 311-328. [NAL Call #: S605.5.B5]
Keywords: dairy farming; farming systems; economic analysis; environmental impact; animal welfare; milk production; models; comparisons; organic transition; Netherlands
371. “Dairying Towards 2010,” by H. Schelhaas. *Bulletin of the International Dairy Federation* 316 (1996): 60-84. [NAL Call #: 44.9 In82B]
Keywords: milk production; consumer economics;

trends; economic outlook and situation; milk; marketing; dairy products; dairy farming; cooperatives; dairy industry; international trade

372. "Documentation of Organic and Transitional Dairy Production Practices," by E. Wonnacott. *Sustainable Agriculture Research and Education (SARE) Research Projects, Northeast Region* (2001): 1 portfolio. *Note:* SARE Project Number: LNE97-097. [NAL Call #: S441.S855]

Keywords: dairy farming; organic transition; cropping systems; mastitis; animal health; feeds; milk production; Vermont

373. "An Economic-Environmental Model of an Organic Dairy Farm for an Evaluation of Sustainability in Agriculture," by C. G. Pacini et al. *Etudes Et Recherches Sur Les Systemes Agraires Et Le Developpement, INRA* 31 (1998): 191-204. [NAL Call #: S5.E85]

Keywords: dairy farming; environmental impact; economic analysis; models; Italy

374. "Eleven Years of Organic Dairy Production in Denmark: Herd Health and Production Related to Time of Conversion and Compared to Conventional Production," by T. W. Bennedsgaard et al. *Livestock Production Science* 80, no. 1/2 (2003): 121-131. [NAL Call #: SF1.L5]

Keywords: dairy farming; organic transition; animal health; milk production; comparisons; long term experiments; Denmark

375. "Energy Balance Comparison of Organic and Conventional Farming," by T. Dalgaard et al. In *Organic Agriculture: Sustainability, Markets and Policies: OECD Workshop on Organic Agriculture, Washington, DC, USA, 23-26 September 2002*, edited by OECD, pp. 127-138. Wallingford, UK: CABI Publishing, 2003.

Available online: <http://www1.oecd.org/publications/e-book/5103071E.PDF> (accessed September 10, 2004)

Keywords: comparisons; crop production; dairy farming; energy; Denmark; Germany

376. "Energy Utilization in Crop and Dairy Production in Organic and Conventional Livestock Production Systems," by K. Refsgaard, N. Halberg, and E. S. Kristensen. *Agricultural Systems* 57, no. 4 (1998): 599-630. [NAL Call #: HD1.A3]

Keywords: energy; farming systems; cropping systems; dairy farming; farm inputs; milk production; comparisons

377. "Environmental Impact Assessment of Conventional and Organic Milk Production," by I. J. M. de Boer. *Livestock Production Science* 80, no. 1/2 (2003): 69-77. [NAL Call #: SF1.L5]

Keywords: dairy farming; milk production; comparisons; energy; environmental impact

378. "Farm Productivity and Energy Efficiency in Amish and Modern Dairying," by P. R. Craumer. *Agriculture and Environment* 4, no. 4 (1979): 281-299. [NAL Call #: S601.A34]

Keywords: dairy farming; milk production; cropping systems; comparisons; energy; economic analysis; United States; Pennsylvania; Amish Order

379. "Farm-Specific Factors Affecting the Choice Between Conventional and Organic Dairy Farming," by K. Gardebroek and Landbouw Economisch Instituut (LEI). *Tijdschrift Voor Sociaalwetenschappelijk Onderzoek Van De Landbouw* 18, no. 3 (2003): 140-148.

Keywords: dairy farming; farming systems; comparisons; organic transition; Netherlands

380. "Farmstead Dairies Deliver Value," by C. Shirley. *New Farm* 16, no. 7 (1994): 9-15. [NAL Call #: S1.N32]

Keywords: dairy farming; milk production; dairy products

381. "Future Trends in the Management of Livestock Production," by C. Phillips. *Outlook on Agriculture* 31, no. 1 (2002): 7-11. *Note:* Paper: 19th Commonwealth Agricultural Conference, March 5-9, 2001, Durban, and at the KwaZulu-Natal Red Meat Producers' Organisation Congress, February 27, 2001. [NAL Call #: 10 Ou8]

Keywords: livestock production; dairy farming; trends; comparisons; economic outlook and situation; United Kingdom

382. "Greece - a Country of Diverse Milk Production but Short in Dairy Products," by G. K. Zerfridis. *Milchwissenschaft* 54, no. 8 (1999): 424-426. [NAL Call #: 44.8 M5933]

Keywords: dairy products; milk; milk production; dairy industry; Greece

383. "Green Gains Beef Up the Cash Flow," by R. Davies. *Farmers Weekly* 114, no. 11 (1991): 74-75. [NAL Call #: 10 F2226]

Keywords: dairy cows; dairy farming; dairy products; United Kingdom

384. "Herd Health and Welfare Benchmarking on Organic Dairy Farms in South-West England," by J. N. Huxley et al. *Cattle Practice* 11, no. 4 (2003): 331-333. [NAL Call #: SF961.C37]

Keywords: animal health; animal welfare; dairy farming; United Kingdom

385. "The Impact of the Quality of Silage on Animal Health and Food Safety: A Review," by F. Driehuis and S. J. W. H. Oude-Elferink. *Veterinary Quarterly* 22, no. 4 (2000): 212-217. [NAL Call #: SF601.V46]
Keywords: dairy cattle; animal health; food safety; feeds; forage; cheesemaking; silage; milk quality; literature reviews
386. *Land Stewardship Practices on the Krusenbaum Organic Dairy Farm* (Research Brief 17). Madison, WI: Center for Integrated Agricultural Systems, University of Wisconsin, no date.
Available online:
<http://www.wisc.edu/cias/pubs/briefs/017.html>
(accessed September 10, 2004)
Keywords: dairy farming; dairy cattle; biodynamic farming; milk production; conservation practices; case studies; Wisconsin
387. "Life Cycle Assessment of Milk Production - a Comparison of Conventional and Organic Farming," by C. Cederberg. In *SIK Rapport*. Goteborg, Sweden: Swedish Food Institute (SIK), 1998.
Keywords: milk production; life cycle; environmental impact; dairy farming; comparisons; Sweden
388. "Life Cycle Assessment of Milk Production - a Comparison of Conventional and Organic Farming," by C. Cederberg and B. Mattsson. *Journal of Cleaner Production* 8, no. 1 (2000): 49-60.
Keywords: dairy farming; dairy products; environmental impact; life cycle; milk production; comparisons
389. "Long-Term Changes in Extractable Soil Phosphorus (P) in Organic Dairy Farming Systems," by A. K. Loes and A. F. Ogaard. *Plant and Soil* 237, no. 2 (2001): 321-332. [NAL Call #: 450 P696]
Keywords: cropping systems; dairy farming; dairy cattle; comparisons; nutrient management; soil quality; long term experiments; Norway
390. "Nitrate Leaching From an Organic Dairy Crop Rotation: The Effect of Manure Type, N-Input and Improved Crop Rotation," by J. Eriksen, M. Askegaard, and K. Kristensen. *Soil Use and Management* 20 (2004): 48-54.
Keywords: dairy farming; rotations; pasture management; soil quality; manures; crop yield; nitrate; leaching; Denmark
391. "Nitrate Leaching in an Organic Dairy/Crop Rotation as Affected by Organic Manure Type, Livestock Density and Crop," by J. Eriksen, M. Askegaard, and K. Kristensen. *Soil Use and Management* 15, no. 3 (1999): 176-182. [NAL Call #: S590.S68]
Keywords: dairy farming; rotations; pasture management; soil quality; manures; crop yield; nitrate; leaching; Denmark
392. "Nitrogen and Carbon Mineralization Rates of Composted Manures Incubated in Soil," by A. Hadas and R. Portnoy. *Journal of Environmental Quality* 23, no. 6 (1994): 1184-1189. [NAL Call #: QH540.J6]
Keywords: dairy farming; nitrogen; manures; composting; soil quality
393. "Nitrogen Turnover on Organic and Conventional Mixed Farms," by N. Halberg, E. S. Kristensen, and I. S. Kristensen. *Journal of Agricultural and Environmental Ethics* 8, no. 1 (1995): 30-51. [NAL Call #: BJ52.5.J68]
Keywords: livestock production; crop production; farming systems; dairy farming; nitrogen; comparisons; Denmark
394. "Nutrient Management in Organic Crop Production," by M. Askegaard. *Nordisk Jordbrugsforskning* 81, no. 3 (1999): 91-99. [NAL Call #: 11 N752]
Keywords: farming systems; cropping systems; dairy farming; nutrient management; Denmark
395. "The Nutrient Status of Soils on Farms Converting to Organic Milk Production," by S. Cuttle and P. Bowling. *New Farmer and Grower* 55 (1997): 26-27.
Keywords: nutrient management; organic transition; soil quality; dairy farming; United Kingdom
396. "Organic and Conventional Dairy Farm Comparisons in Ontario, Canada," by D. P. Stonehouse, E. A. Clark, and Y. A. Ogini. *Biological Agriculture and Horticulture* 19, no. 2 (2001): 115-125. [NAL Call #: S605.5.B5]
Keywords: dairy cattle; dairy farming; comparisons; Canada
397. "Organic Dairy Farming," by M. Measures. *International Journal of Dairy Technology* 44, no. 2 (1991): 54-56. [NAL Call #: 44.8 SO12]
Keywords: dairy farming; milk production
398. "Organic Dairy Farms in the EU: Production Systems, Economics and Future Development," by A. M. Haring. *Livestock Production Science* 80, no. 1/2 (2003): 89-97. [NAL Call #: SF1.L5]
Keywords: dairy farming; economic analysis; milk production; economic outlook and situation; Europe
399. "The Organic Dairy & Food Industry - a Paradigm Shift," by Animesh Banerjee. *Indian Dairyman* 53, no. 12 (2001): 31-33. [NAL Call #: 44.8 IN282]

Keywords: dairy cattle; dairy farming; milk production; dairy industry; India

400. "Organic Dairy Production for the Next 10 Years," by O. Dowding. *Bulletin of the International Dairy Federation* 347 (2000): 33-36. *Note:* Paper: Organic dairy products. IDF seminar, Athens, Greece, September 1999. [NAL Call #: 44.9 In82B]
Keywords: dairy farming; pasture management; marketing; economic outlook and situation; United Kingdom

401. *Organic Dairy Products IDF Seminar, Athens, Greece, September 1999*, edited by International Dairy Federation (Bulletin of the International Dairy Federation). Brussels, Belgium: International Dairy Federation, 2000.
Keywords: milk; dairy products; milk production; marketing; consumer economics; organic certification; animal health

402. "Organic Food - Legislation and Its Consequences," by E. M. Olsen. In *Proceedings of the XXIII International Dairy Congress, Montreal, October 8-12, 1990*, pp. 1012-1016. Brussels, Belgium: International Dairy Federation, 1991.
Keywords: dairy cows; dairy farming; agricultural policy; laws and legislation; Denmark

403. "Organic Milk," by Ram Chand and M. K. Bhavadasan. *Indian Journal of Dairy and Biosciences* 12 (2001): 105-107.
Keywords: dairy farming; milk production; India

404. "Organic Milk in India: Looking Beyond Tomorrow," by Mahesh Chander and Chander M. *Indian Dairyman* 53, no. 12 (2001) [NAL Call #: 44.8 IN282]
Keywords: dairy farming; dairy industry; milk production; consumer economics; India

405. *Organic Milk Production*, by M. Houghton and A. H. Poole. Wrexham, Clwyd., UK: Genus Management, 1990.
Keywords: milk production; dairy farming; economic analysis; United Kingdom

406. "Organic Milk Production at Trawsgoed," by S. Padel and R. Hagggar. *New Farmer and Grower* 39-40 (1993): 12-13.
Keywords: milk production; dairy farming; economic analysis; organic transition; United Kingdom

407. "Organic Milk Production From a Danish Perspective," by T. Nissen. *Bulletin of the International Dairy Federation* 347 (2000): 4-7. [NAL Call #: 44.9 In82B]

Keywords: milk production; dairy cows; dairy farming; dairy products; consumer economics; Denmark

408. "Organic Milk Production in Denmark by Using Private Farms for Research," by L. Mogensen and T. Kristensen. In *Livestock Farming Systems: Integrating Animal Science Advances into the Search for Sustainability: Proceedings of the Fifth International Symposium on Livestock Farming Systems, Posieux, Fribourg, Switzerland, 19-20 August, 1999*, edited by D. Gagnaux and J. R. Poffet, pp. 96-101. Wageningen, Netherlands: Wageningen Pers, 2000.
Keywords: research; case studies; dairy farming; farming systems; milk production; Denmark

409. "Organic Milk Production in Germany," by C. Krutzinna, E. Boehncke, and H. J. Herrmann. *Biological Agriculture and Horticulture* 13, no. 4 (1996): 351-358. [NAL Call #: S605.5.B5]
Keywords: dairy farming; surveys; milk production; Germany

410. "Partner Farms: A Participatory Approach to Collaboration Between Specialised Organic Farms," by W. J. Nauta, G. J. Burgt, and T. Baars. In *Designing and Testing Crop Rotations for Organic Farming: Proceedings From an International Workshop*, edited by J. E. Olesen et al., pp. 149-158. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 1999.
Keywords: dairy farming; farming systems; cropping systems; Netherlands

411. "Practice of Organic Farming and Regional Development," by C. Sato. In *Conservation and Utilization of Land Resources in Less Favored Areas with Special Emphasis on the Roles of Livestock and Technology: Proceedings of the International Workshop, Matsue and Oda, Japan, 20-23 September, 1999*, pp. 146-149. Hiroshima, Japan: Chugoku National Agricultural Experiment Station, 2000. *Note:* Kisuki Dairy Product Company.
Keywords: dairy farming; Japan

412. "Profile of Organic Dairy Farming in Ontario," by Y. O. Sholubi, D. P. Stonehouse, and E. A. Clark. *American Journal of Alternative Agriculture* 12, no. 3 (1997): 133-139. [NAL Call #: S605.5.A43]
Keywords: dairy farming; economic analysis; comparisons; milk production; Canada

413. "Profitable Farming: The Next Generation," by D. Kendall. *New Farm* 10, no. 5 (1988): 36-38. [NAL Call #: S1.N32]
Keywords: dairy farming; cropping systems; nutrient management; economic outlook and situation

414. "Rehabilitating a Run-Down Farm with a Grass-Based Organic Dairy," by B. Sheffield. *Small Farm Today* 18, no. 4 (2001): 53-54. [NAL Call #: S1.M57]
Keywords: dairy farming; milk production; organic transition; case studies; Iowa; United States

415. *Report on the Welfare of Dairy Cattle*, by Farm Animal Welfare Council. Surbiton, UK: Farm Animal Welfare Council, 1997.
Keywords: animal welfare; dairy cattle; dairy farming; housing; United Kingdom

416. *Research and Development: Animal Production Systems Group, 2000*, by H. Udo and F. Steenstra. 10th ed. Wageningen, Netherlands: Wageningen Institute of Animal Sciences, Wageningen University, 2000.
Keywords: dairy farming; farming systems; research; dairy cattle; Brazil; Burkina Faso; Kenya; Netherlands; West Africa

417. "Resource Utilization in Organic and Conventional Systems with Crop and Dairy Production," by H. Steinshamn, E. Thuen, and U. T. Brenoe. *Nordisk Jordbrugsforskning* 81, no. 3 (1999): 242-247. [NAL Call #: 11 N752]
Keywords: dairy farming; feeds; energy; farm inputs; milk production; comparisons; Norway

418. "Rhongold Dairy: Flexible, Efficient, Ecological," *European Dairy Magazine*, no. 1 (special supp.) (1996): 6-9.
Keywords: case studies; milk production; dairy products; dairy farming; Germany

419. "The Role of Organic Agriculture in the Dairy Industry," by D. Campbell. *Journal of the Society of Dairy Technology* 41, no. 4 (1988): 108-109. [NAL Call #: 44.8 So12]
Keywords: dairy farming; forage; feeds; dairy cattle; animal welfare; animal health; United Kingdom

420. "SDT Spring Symposium: Organic Milk and Dairy Products," by A. O'Sullivan. *International Journal of Dairy Technology* 53, no. 1 (2000): 20-27. [NAL Call #: 44.8 SO12]
Keywords: dairy products; milk; milk production; marketing; United Kingdom; Denmark

421. "Setting the Scene [Conversion to Organic Dairy Farming]," by A. Kemp and Veterinary Business Development Ltd. *New Direction* 1, no. 4 (2002): 8-9.
Keywords: animal health; animal welfare; dairy farming; organic transition; United Kingdom

422. "Small Herd Big Satisfaction," by P. C. Fersen. *Hoard's Dairyman* 138, no. 17 (1993): 721. [NAL Call #: 44.8 H65 Ov]

Keywords: case studies; dairy farming; cropping systems; dairy products; milk production; cheesemaking; United States; Vermont

423. "The Soil Condition of Adjacent Bio-Dynamic and Conventionally Managed Dairy Pastures in Victoria, Australia," by J. A. Lytton-Hitchins, A. J. Koppi, and A. B. McBratney. *Soil Use and Management* 10, no. 2 (1994): 79-87. [NAL Call #: S590.S68]
Keywords: dairy farming; pasture management; soil quality; comparisons; biodynamic farming; Australia

424. "Soil-Plant-Animal Relations in Nutrient Cycling: The Case of Dairy Farming System 'De Marke'," by H. van Keulen et al. *European Journal of Agronomy* 13, no. 2/3 (2000): 245-261. [NAL Call #: SB13.E97]
Keywords: dairy farming; farming systems; nutrient management; environmental impact; Netherlands

425. "Strategies of Organic Milk Production," by S. Padel. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 125-139. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001. Available online: [http://www.veeru.reading.ac.uk/organic/ProceedingsFI NAL.pdf](http://www.veeru.reading.ac.uk/organic/ProceedingsFI%20NAL.pdf) (accessed September 10, 2004)
Keywords: dairy cattle; dairy farming; milk production

426. "Sustainability of Organic Dairy Farming in the Netherlands," by S. J. Oosting and I. J. M. de Boer. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 101-105 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.
Keywords: dairy farming; environmental impact; life cycle; Netherlands

427. "System Hierarchy and Sustainable Farming System Development," by S. J. Oosting. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 107-110 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.
Keywords: farming systems; dairy farming; ecology; sustainable agriculture; Netherlands

428. "Systems Analysis of Organic and Transitional Dairy Production," by E. Wonnacott. *Sustainable Agriculture Research and Education (SARE) Research Projects, Northeast Region* (1996): 14. *Note:* SARE Project Number: LNE93-39. Record includes floppy diskette. Date of report is December 15, 1996. [NAL Call #: S441.S855]

Keywords: dairy farming; organic transition; milk production; economic analysis; cropping systems; Vermont

429. "Thirty Years of Energy Use, Nutrient Cycling and Yield on a Self-Reliant Dairy Farm," by S. R. Kaffka. In *Sustainable Agriculture & Integrated Farming Systems: 1984 Conference Proceedings*, edited by Thomas C. Edens, Cynthia Fridgen, and Susan L. Battenfield, pp. 143-158. East Lansing, MI: Michigan State University Press, 1985. *Note:* [NAL Call #: S441.S8]

Keywords: dairy farming; pasture management; energy; farm inputs; long term experiments; Germany

430. "To Be an Organic Milk Producer in Denmark - Experiences and Goals," by O. Moller. *Bulletin of the International Dairy Federation* 347 (2000): 39-40. [NAL Call #: 44.9 In82B]

Keywords: case studies; dairy farming; organic transition; Denmark

431. "Unique Decision Making with Focus on Information Use - the Case of Converting to Organic Milk Production," by D. Lunneryd. In *Acta Universitatis Agriculturae Sueciae Agraria*, pp. 214. Alnarp, Sweden: Sveriges Lantbruksuniversitet (Swedish University of Agricultural Sciences), 2003. *Note:* Thesis.

Keywords: case studies; organic transition; dairy farming; Sweden

432. "The Validation of a Computer Simulation Model for Use in Organic Dairy Farm Systems in the United Kingdom," by Phillipa K. Nicholas et al. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 199-200. Aberystwyth: Organic Centre Wales, 2002.

Available online:

<http://www.organic.aber.ac.uk/library/Computer%20simulation%20model%20for%20dairy%20farm%20systems.pdf> (accessed September 10, 2004)

Keywords: dairy farming; dairy cattle; farm inputs; models; farming systems; milk production

433. "What Applied Research for the Development of Dairy Systems in Organic Farming? Analysis in the Context of Brittany, France," by C. Disenhaus, J. Lossouarn, and P. Augeard. In *Livestock Farming Systems: Integrating Animal Science Advances into the Search for Sustainability: Proceedings of the Fifth International Symposium on Livestock Farming Systems, Posieux, Fribourg, Switzerland, 19-20 August, 1999*, edited by D. Gagnaux and J. R. Poffet, pp. 102-106. Wageningen, Netherlands: Wageningen Pers, 2000.

Keywords: research; dairy cattle; dairy farming; milk; France

434. "Why the Switch Over to Organic Farming," by T. Lambie. *Bulletin of the International Dairy Federation* 347 (2000): 37-38. [NAL Call #: 44.9 In82B]

Keywords: organic transition; dairy farming; animal health; organic certification; dairy cattle; New Zealand

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435. "Analysis and Simulation Modelling of the Production in Danish Organic and Conventional Dairy Herds," by T. Kristensen and E. S. Kristensen. *Livestock Production Science* 54, no. 1 (1998): 55-65. [NAL Call #: SF1.L5]

Keywords: dairy cows; milk production; comparisons; dairy farming; animal nutrition; case studies; models; Denmark

436. "Animal Health and Welfare Aspects in Organic Dairy Production Systems - Experienced Practice During Conversion to Organic Farming," by M. Vaarst, S. M. Thamsborg, and E. S. Kristensen. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 161-164.

Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: animal welfare; animal health; dairy farming; milk production; organic transition

437. "Animal Health and Welfare Aspects When Converting to Organic Dairy Production," by M. Vaarst, S. M. Thamsborg, and E. S. Kristensen. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 329-331. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: animal welfare; animal health; organic transition

438. "Animal Health in Organic Dairy Farming – Results of a Survey in Germany," by C. Winckler and J. Brinkmann. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)

Keywords: dairy farming; dairy cattle; animal health; surveys; Germany

439. "Annual Legume/Grass Pastures for Organic Dairy Farming," by E. Kuusela and P. Nykanen-Kurki. *Grassland Farming: Balancing Environmental and Economic Demands: Proceedings of the 18th General Meeting of the European Grassland Federation, Aalborg, Denmark, 22-25 May 2000*, edited by K. Soegaard et al., pp. 545-547 (Grassland Science in Europe, 5). Tjele, Denmark; Reading, U.K.: The Federation; distributed by the British Grassland Society, c2000. [NAL Call #: SB197 .E7 2000]
Keywords: dairy farming; pasture management; grazing

440. "Body Condition Scores of Dairy Cattle in Organic Farms," by P. Trachsel, A. Busato, and J. W. Blum. *Journal of Animal Physiology and Animal Nutrition* 84, no. 3/4 (2000): 112-124. [NAL Call #: 389.78 Z3]

Keywords: animal health; feeds; Switzerland

441. "Botanical Composition and Forage Quality of Grasslands in Organic Dairy Farming," by I. Pinxterhuis, J. P. Wagenaar, and M. Plomp. In *Multi-Function Grasslands: Quality Forages, Animal Products and Landscapes: Proceedings of the 19th General Meeting of the European Grassland Federation, La Rochelle, France, 27-30 May 2002*, edited by J. L. Durand et al., pp. 1064-1065. Versailles Cedex, France: Organizing Committee of the European Grassland Federation, 2002.

Keywords: dairy farming; forage; grasslands; nutrient content; grazing; soil quality; pasture management; Netherlands

442. "Bovine Breeding Network in Organic Farming in Brittany (France)," by S. Arnaud, J. L. Bourdais, and D. Cluzeau. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31*

August, 2000, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 411. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: breeding; cattle; cows; France

443. "Claw Disorders Among Dairy Cows in Organic and in Deep Bedded Pack Barn Systems in Denmark," by M. Vaarst and C. Enevoldsen. In *Proceedings of a Meeting Society for Veterinary Epidemiology and Preventive Medicine*, pp. 185-194. UK: The Society, 1996. *Note*: Paper: Meeting held on March 27-29, 1996, Glasgow. [NAL Call #: SF780.9.S63]
Keywords: dairy cows; animal diseases; housing; comparisons; Denmark

444. "A Comparative Study of Reproductive Performance in Organic and Conventional Dairy Husbandry," by O. Reksen, A. Tverdal, and E. Ropstad. *Journal of Dairy Science* 82, no. 12 (1999): 2605-2610. [NAL Call #: 44.8-J822]

Keywords: dairy farming; dairy cows; reproductive traits; breeding; calving; milk yield; comparisons; Norway

445. "Comparison of Animal Welfare on Conventional and Organic Dairy Farms," by B. Horning. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 335. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: animal welfare; dairy farming; dairy cattle; comparisons; Germany

446. "Comparison of Welfare Assessment in Organic Dairy Herds by the TGI200-Protocol and a Factor Model Based on Clinical Examinations and Production Parameters," by T. Bennedsgaard and S. M. Thamsborg. In *Diversity of Livestock Systems and Definition of Animal Welfare Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, edited by M. Hovi and R. Garcia Trujillo, pp. 143-150. Reading, UK: University of Reading Library, 2000.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004)

Keywords: dairy farming; dairy cattle; animal welfare; animal health; livestock production; comparisons

447. "Concentrate Mixture, Grass Pellets, Fodder Beets, or Barley as Supplements to Silage Ad Libitum for High-Yielding Dairy Cows on Organic Farms," by L. Mogensen and T. Kristensen. *Acta Agriculturae Scandinavica, Section A, Animal Science* 53, no. 4 (2003): 186-196. [NAL Call #: S3.A27]

Keywords: feeds; dairy cows; forage; milk production; Denmark

448. "Daily Practice and Dialogue - Aspects of Stockmanship and Inter-Human Relations Between Farmers and Their Partners," by M. Vaarst. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 31-37. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Available online:

http://www.veeru.reading.ac.uk/organic/ProceedingsFI_NAL.pdf (accessed September 10, 2004)

Keywords: animal behavior; animal welfare; farmers' attitudes; animal health; animal diseases; dairy cattle

449. "Dairy Cow Feeding in Organic Systems," by G. Newman. *New Farmer and Grower* 46 (1995): 18-19.

Keywords: dairy cows; dairy farming; animal health; forage; feeds; milk yield; animal nutrition

450. "Danish Organic Dairy Cattle Production Systems - Feeding and Feed Efficiency," by T. Kristensen and L. Mogensen. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 173-178. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: feeds; dairy cattle; dairy farming; animal nutrition; feed conversion; Denmark

451. "Development of an Advisory System that Supports Good Animal Welfare in Organic Milk Production in Norway," by B. Henriksen. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 177-182. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)

Keywords: animal welfare; dairy farming; milk production; Norway

452. "Effect of Barley or Rape Seed Cake as Supplement to Silage for High-Yielding Organic Dairy Cows," by L. Mogensen and T. Kristensen. *Acta*

Agriculturae Scandinavica, Section A, Animal Science 52, no. 4 (2002): 243-252. [NAL Call #: S3.A27]

Keywords: dairy cows; animal health; milk yield; feeds

453. "Effect of Concentrate Level on Forage Intake, Milk Production and Energy and Nitrogen Utilization in Organic Milk Production," by E. Thuen et al. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 117-122 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.

Keywords: dairy cattle; dairy farming; feeds; milk production; milk

454. "Effect of Grazing Method and Herbage Allowance on the Grazing Efficiency of Milk Production in Organic Farming," by E. Kuusela and H. Khalili. *Animal Feed Science and Technology* 98, no. 1/2 (2002): 87-101. [NAL Call #: SF95.A55]

Keywords: dairy cows; dairy farming; grazing; feeds; forage; feed conversion; milk yield; pasture management; soil quality; Finland

455. "Effect of Protein and Energy Supplements on Milk Production in Organic Farming," by H. Khalili et al. *Animal Feed Science and Technology* 98, no. 1/2 (2002): 103-119. [NAL Call #: SF95.A55]

Keywords: dairy cows; dairy farming; feeds; milk yield; milk production; Finland

456. "The Effect of Selective Dry Cow Treatment on New Intramammary Infections," by E. A. Berry and J. E. Hillerton. *Journal of Dairy Science* 85, no. 1 (2002): 112-121. [NAL Call #: 44.8 J822]

Keywords: dairy cows; mastitis; calving; animal health; animal diseases; comparisons

457. "The Effect of the Operational Environment and Operating Protocols on the Attitudes and Behaviour of Employed Stockpersons," by M. F. Seabrook. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 21-30. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Available online:

http://www.veeru.reading.ac.uk/organic/ProceedingsFI_NAL.pdf (accessed September 10, 2004)

Keywords: animal behavior; animal welfare; dairy cattle; farmers' attitudes

458. "Effect of Winter Feeding Level and Season on Herbage Intake in Dairy Breed Steers on Perennial

Ryegrass/White Clover Pasture,” by B. Nielsen et al. *Animal Science: An International Journal of Fundamental and Applied Research* 76, no. 2 (2003): 341-352. [NAL Call #: SF1.A56]
Keywords: dairy cattle; breeding; grazing; feeds; forage; pasture management; nutrient content

459. “Effects of Calving Season and Sire’s Breeding Value in a Dairy Herd During Conversion to Ecological Milk Production,” by I. Olesen, E. Lindhardt, and M. Ebbesvik. *Livestock Production Science* 61, no. 2/3 (1999): 201-211. [NAL Call #: SF1.L5]
Keywords: dairy farming; calving; dairy cattle; breeding; milk production; bulls; organic transition; Norway

460. “Effects of Concentrate Level in Organic Milk Production,” by H. Steinshamn and E. Thuen. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 197-202. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.
Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)
Keywords: feeds; dairy cows; milk composition; milk production; animal nutrition; calving; silage

461. “Energy and Protein Balance in Organic Dairy Cow Nutrition Model Calculations Based on EU Regulations,” by W. F. Knaus, A. Steinwidder, and W. Zollitsch. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 141-154. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.
Keywords: animal nutrition; dairy cows; feeds; feeding; animal health; laws and legislation; forage; Austria; Europe

462. “An Ethical Matrix for Animal Production,” by B. Mepham. *New Farmer and Grower* 46 (1995): 14-16.
Keywords: dairy cows; dairy farming; animal welfare; ethics

463. “Evaluation of Animal Welfare on Organic Dairy Farms in Finland,” by U. Roiha. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 187-196. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:
http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)
Keywords: animal welfare; dairy farming; dairy cattle; Finland

464. “Factors in the Application of Organic Farming Methods to Parmigiano-Reggiano Cheese Production: A Research Case,” by F. Ansaloni. *Newsletter of the European Network for Scientific Research Coordination in Organic Farming* 6 (1997): 4-7.
Keywords: cheesemaking; dairy farming; case studies; research; marketing; cooperatives; farmers’ attitudes; Italy

465. “Family Breeding at Rivelinohoeve,” by D. Endendijk, T. Baars, and H. Endendij. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 35-43. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.
Keywords: breeding; dairy cattle; Dutch-Friesian cows; Netherlands

466. “Feed Supplements for Young Dairy Breed Calves After Turn-Out to Pasture: Effect on Weight Gain and Subclinical Coccidiosis in Organic Production Systems,” by B. K. Nielsen, S. M. Thamsborg, and T. Kristensen. *Acta Agriculturae Scandinavica, Section A, Animal Science* 53, no. 1 (2003): 1-10. [NAL Call #: S3.A27]
Keywords: animal health; calves; coccidiosis; dairy cattle; feeds; grazing

467. “Feeding Strategies in Swiss Organic Farming to Improve Food Quality and Animal Health,” by B. Fruh. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 55-58. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.
Available online:

http://www.safonetwork.org/publications/wp2pub/2_SAFO_pro.pdf (accessed September 10, 2004)
Keywords: feeds; certification; animal nutrition; Switzerland

468. “Fertilisation, Seed Mixtures and Supplementary Feeding for Annual Legume-Grass-Cereal Pastures in Organic Milk Production Systems,” by E. Kuusela, H. Khalili, and P. Nykanen-Kurki. *Livestock Production Science* 85, no. 2/3 (2004): 113-127. [NAL Call #: SF1.L5]

Keywords: dairy cows; dairy farming; legumes; feeds; grazing; pasture management; forage; milk production

469. "Fertility and Fertility Management in Thirteen Well-Established Organic Dairy Herds in the UK," by Malla Hovi et al. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 189-194. Aberystwyth: Organic Centre Wales, 2002. Available online:

<http://www.organic.aber.ac.uk/library/Fertility%20management%20in%20UK%20dairy%20herds.pdf> (accessed September 10, 2004)

Keywords: dairy cows; calving; breeding; reproductive traits

470. "Field Balances of Some Mineral Nutrients and Trace Elements in Organic and Conventional Dairy Farming - A Case Study at Ojebyn, Sweden," by H. Bengtsson et al. *European Journal of Agronomy* 20, no. 1/2 (2003): 101-116. [NAL Call #: SB13.E97] Keywords: dairy farming; soil quality; rotations; crop yield; comparisons; Sweden

471. "A Field Survey on the Status of Internal Parasites in Calves on Organic Dairy Farms in Southwestern Sweden," by J. Høglund, C. Svensson, and A. Hessel. *Veterinary Parasitology* 99, no. 2 (2001): 113-128. [NAL Call #: SF810.V4]

Keywords: dairy cattle; calves; parasites; animal diseases; grazing; pasture management; feeds; Sweden

472. "First Results of a New Animal Breeding Approach: Species-Typical Cow Breeding and Milk Quality," by L. Rist, S. Rist, and M. Rist. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 354. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: breeding; breeds; dairy cows; milk; milk quality; milk composition

473. "Fluxes of K, P, and Zn in a Conventional and an Organic Dairy Farming System Through Feed, Animals, Manure, and Urine - A Case Study at O?Jebyn, Sweden," by G. M. Gustafson et al. *European Journal of Agronomy* 20, no. 1/2 (2003): 89-99. [NAL Call #: SB13.E97]

Keywords: dairy farming; soil quality; manures; environmental impact; comparisons; milk production; Sweden

474. "Fodder Beets and Potatoes as a Replacement for Grain in Dairy Cow Diets," by T. Ericksson. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens,*

Denmark, 16-17 September 1999, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 179-183. Tjele; Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: dairy cows; diets; fodder beet; potatoes; animal nutrition; feeds

475. "Frequency of Traumatic Cow Injuries in Relation to Housing Systems in Swiss Organic Dairy Herds," by A. Busato, P. Trachsel, and J. W. Blum. *Journal of Veterinary Medicine, A* 47, no. 4 (2000): 221-229. [NAL Call #: 41.8 Z5]

Keywords: dairy farming; dairy cows; housing; animal welfare; animal injuries; milk yield; Switzerland

476. *Grass-Based and Seasonal Dairying*, by Alice Beetz. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 1998.

Available online: <http://attra.ncat.org/attra-pub/gbdairy.html> (accessed September 10, 2004)

Keywords: dairy cattle; milk production; forage; pasture management; animal health

477. *The Grass is Greener: Dairy Graziers Tell Their Stories*, edited by J. Meudt, J. Bobbe, and P. Dietmann. Mt. Horeb, WI: Wisconsin Rural Development Center, 1995.

Available online:

http://www.cias.wisc.edu/archives/1995/01/01/the_grass_is_greener_dairy_graziers_tell_their_stories/index.php (exerpts/information only) (accessed September 10, 2004)

Keywords: grazing; dairy farming; pasture management; case studies

478. *Guidelines for Dairy Farms Making the Transition to Certified Organic Milk Production*, pp. 7 Vermont Organic Farmers Northeast Organic Farming Association of Vermont, 2002.

Available online:

<http://www.cals.cornell.edu/agfoodcommunity/GuideDairy2Organic.pdf> (accessed September 10, 2004)

Keywords: dairy farming; milk production; organic certification; organic transition; Vermont

479. "Health and Welfare in Danish Dairy Cattle in the Transition to Organic Production: Problems, Priorities and Perspectives," by M. Vaarst et al. *Journal of Agricultural and Environmental Ethics* 14, no. 4 (2001): 367-390. [NAL Call #: BJ52.5.J68]

Keywords: animal health; livestock production; animal welfare; calves; dairy cattle; dairy farming; organic transition

480. "Health and Welfare of Dairy Cattle in Organic Systems in the South West of England," by J. K. Margerison et al. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 123-126 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.
Keywords: animal health; animal welfare; cows; dairy cattle; United Kingdom
481. "Health of Cows, Calves and Young Stock on 26 Organic Dairy Herds in Sweden," by C. Hamilton et al. *Veterinary Record* 150, no. 16 (2002): 503-508. [NAL Call #: 41.8 V641]
Keywords: dairy cattle; calves; animal health; animal welfare; housing; Sweden
482. "Health Status of Dairy Herds Converting From Conventional to Organic Dairy Farming," by R. F. Weller and A. Cooper. *Veterinary Record* 139, no. 6 (1996): 141-142. [NAL Call #: 41.8 V641]
Keywords: dairy cattle; animal health; dairy farming; animal diseases; organic transition; United Kingdom
483. "Health Status of Dairy Herds in Organic Farming," by R. F. Weller and P. J. Bowling. *Veterinary Record* 146, no. 3 (2000): 80-81. [NAL Call #: 41.8 V641]
Keywords: dairy cows; dairy farming; mastitis; animal health; United Kingdom
484. "Impact of Effective Microbial Solutions in Austria - a Case Study," by U. Hader. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 270. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.
Keywords: feeds; manures; fertilizers; manures; dairy farming; Austria
485. "The Impact of Internal Parasites on the Productivity of Young Cattle Organically Reared on Semi-Natural Pastures in Sweden," by S. O. Dimander et al. *Veterinary Parasitology* 90, no. 4 (2000): 271-284. *Note*:
[NAL Call #: SF810.V4]
Keywords: livestock production; cattle; nematodes; parasites; helminths; grazing; pasture management; Sweden
486. "Improving Welfare in Organic Dairy Cattle," by C. Fossing et al. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 151. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.
Keywords: animal welfare; dairy cattle; homeopathy; animal health
487. *An Investigation into Breeding Objectives and Strategies Suitable for Organic Dairy Production*, by Emma Tiffin. Aberdeen: Scottish Agricultural College, 2000. *Note*: Thesis.
Available online:
<http://www1.sac.ac.uk/cropsci/External/OrgServ/OrgPublications/EmmaMSc.asp> (abstract only) (accessed September 10, 2004)
Keywords: dairy cattle; breeds; breeding; dairy farming
488. "The Investigations of Complex Management: The Story of Bulk Milk Somatic Cell Counts and Deep Litter Barns," by T. Baars and G. Smolders. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 59-70. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.
Available online:
http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)
Keywords: milk; milk quality; food safety; somatic cell count; housing
489. "Is the Modern High Potential Dairy Cow Suitable for Organic Farming Conditions?," by G. H. Hardarson. *Acta Veterinaria Scandinavica, Supplementum* 95 (supp.) (2001): 63-67. [NAL Call #: 11 AC82 SUPPL.]
Keywords: livestock production; animal welfare; breeds; breeding; dairy cows
490. "Less Milk, More Profit: Organic Feed and Rotational Grazing Keep This Dairy Green," by C. Shirley. *New Farm* 13, no. 6 (1991): 13-17. [NAL Call #: S1.N32]
Available online:
<http://www.awionline.org/farm/pulvermacher.html> (Reproduced with permission of the publisher by Animal Welfare Institute) (accessed September 10, 2004)
Keywords: dairy farming; feeds; grazing; pasture management; dairy cows
491. "Lifetime Dairy Performance as Breeding Aim," by A. Haiger. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM*

Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 316-319. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: dairy farming; breeding; dairy cattle; milk yield; milk production

492. "Nitrogen Utilisation on Pasture in Organic Milk Production," by H. Steinshamn et al. In *Multi-Function Grasslands: Quality Forages, Animal Products and Landscapes: Proceedings of the 19th General Meeting of the European Grassland Federation, La Rochelle, France, 27-30 May 2002*, edited by J. L. Durand et al., pp. 734-735. Versailles Cedex, France: Organizing Committee of the European Grassland Federation, 2002.

Keywords: dairy cows; grazing; pasture management; milk production; milk yield; nitrogen

493. "Organic Dairy Cow Feeding with Emphasis on Danish Conditions," by T. Kristensen and S. Struck. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 134-140. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.

Keywords: case studies; dairy farming; milk production; animal health; feeds; feeding; grazing; animal nutrition; Denmark

494. *Organic Dairy Farming*, by Laura L. Benson, Robert Zirkel, and Kickapoo Organic Resource Network. Gays Mills, WI: Orang-utan Press, c1995. [NAL Call #: SF239.B46 1995]

Keywords: dairy farming; milk production

495. *Organic Dairying*, by Roger Henry (Maritime Certified Organic Growers Organic Profiles). Sackville, NB: Atlantic Canadian Organic Regional Network, 2002.

Available online:

<http://www.acornorganic.org/pdf/dairyprofile.pdf> (accessed September 10, 2004)

Keywords: dairy farming; milk production

496. *An Organic Dairying Overview From the Krusenbaum Farm Studies*, by Center for Integrated Agricultural Systems (Research Brief 16). Madison, WI: UW-Madison, Madison, 1999.

Available online:

<http://www.wisc.edu/cias/pubs/briefs/016.html> (accessed September 10, 2004)

Keywords: dairy farming; milk production; case studies

497. "Organic Farming," by D. Stickland. *Journal of the Society of Dairy Technology* 45, no. 1 (1992): 11-

12. [NAL Call #: 44.8 So12]

Keywords: organic certification; dairy farming; dairy industry; agricultural policy; United Kingdom

498. *Organic Livestock Production: Animal Health and Welfare Research Priorities*, by S. Roderick, N. Short, and M. Hovi. Reading, UK: Department of Agriculture, University of Reading, 1996.

Keywords: livestock production; animal diseases; surveys; animal welfare; animal health; animal health; research

499. *Organic Milk Production*. Aberystwyth: IGER; Organic Center Wales, 2000?

Available online:

<http://www.organic.aber.ac.uk/library/orgmilk1.pdf> (accessed September 10, 2004)

Keywords: dairy farming; dairy cattle; milk production; pasture management; forage

500. "Organic Milk Production on Two Contrasting Dairy Farms," by J. Newman and R. F. Weller. In *Organic Livestock Farming: Papers Presented at a Conference Held at the Heriot Watt University, Edinburgh and at the University of Reading, UK, 9 and 10 February 2001*, edited by D. Younie and J. M. Wilkinson, pp. 103-128. Lincoln, UK: Chalcombe Publications, 2001.

Keywords: animal health; animal welfare; dairy farming; feeds; crop production; milk production; comparisons; United Kingdom

501. "Organic Versus Conventional Dairy Farming – Studies From the Öjebyn Project," by Sara Bystrom, Simon Jonsson, and Kjell Martinsson. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 179-184. Aberystwyth: Organic Centre Wales, 2002.

Available online:

<http://www.organic.aber.ac.uk/library/Organic%20vs%20conventional%20dairy%20-%20the%20Ojebyn%20project.pdf> (accessed September 10, 2004)

Keywords: dairy farming; feeds; feed conversion; comparisons; Sweden

502. "Parasite Control Methods in Organic and Conventional Dairy Herds in Sweden," by C. Svensson, A. Hessel, and J. Hoglund. *Livestock Production Science* 66, no. 1 (2000): 57-69. [NAL Call #: SF1.L5]

Keywords: animal health; calves; grazing; pasture management; parasites; feeds; dairy cattle; Sweden

503. "The Production Characteristics of Organic Dairy Herds in the UK," by M. Hovi et al. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint*

International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001, edited by I. Kyriazakis and G. Zervas, pp. 127-133 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.

Keywords: dairy cattle; dairy farming; milk production; United Kingdom

504. "The Productivity of Organic Dairy Herds," by Stephen Roderick, Malla Hovi, and Nick Taylor. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 185-188. Aberystwyth: Organic Centre Wales, 2002.

Available online:

<http://www.organic.aber.ac.uk/library/Productivity%20of%20organic%20dairy%20herds.pdf> (accessed September 10, 2004)

Keywords: dairy farming; dairy cows; forage; feeds; milk production; reproductive traits; farm inputs

505. *Raising Dairy Heifers on Pasture*, by Anne Fanatico. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2000. Available online: <http://attra.ncat.org/attra-pub/dairyheifer.html> (accessed September 10, 2004)

Keywords: dairy farming; heifers; feeds; grazing; pasture management

506. "Results From the Ojebyn-Project: Eleven Years of Organic Production," by B. S. E. Jonsson. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 123-133. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.

Keywords: crop yield; soil quality; economic analysis; milk production; animal health; comparisons; Sweden

507. "Seasonal Changes in the Crude Protein Concentration of Mixed Swards of White Clover/Perennial Ryegrass Grown without Fertilizer N in an Organic Farming System in the United Kingdom," by R. F. Weller and A. Cooper. *Grass and Forage Science* 56, no. 1 (2001): 92-95. [NAL Call #: 60.19 B773]

Keywords: dairy farming; dairy cows; pasture management; forage; fertilizers; United Kingdom

508. *Seasonal Dairy Grazing: A Viable Alternative for the 21st Century*, by Jonathan R. Winsten and Bryan T. Petrucci. DeKalb, IL: American Farmland Trust, Farms Division, 2003. *Note*: A case study of six successful dairy farms using seasonal calving and management-intensive grazing.

Available online:

<http://grassfarmer.com/papers/studies/seasonalgrazing.html> (accessed September 10, 2004)

Keywords: dairy farming; grazing; calving; case studies; costs and returns

509. "Selection of Forage Species by Dairy Cattle on Complex Sicilian Pasture," by S. Carpino, G. Licitra, and P. J. van Soest. *Animal Feed Science and Technology* 105, no. 1-4 (2003): 205-214. [NAL Call #: SF95.A55]

Keywords: animal behavior; dairy cows; dairy products; forage; food quality; Italy

510. "Self-Supply of Feed on Organic Dairy Farms in Denmark," by L. Mogensen and T. Kristensen. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 165-171. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: feeds; dairy cows; dairy farming; animal nutrition; Denmark

511. "The Significance of Forages in Organic Dairy Production - Results From a Study in Western Sweden," by A. Arnesson and E. Nadeau. In *Multi-Function Grasslands: Quality Forages, Animal Products and Landscapes: Proceedings of the 19th General Meeting of the European Grassland Federation, La Rochelle, France, 27-30 May 2002*, edited by J. L. Durand et al., pp. 1006-1007. Versailles Cedex, France: Organizing Committee of the European Grassland Federation, 2002.

Keywords: grazing; crop yield; pasture management; dairy farming; forage; Sweden

512. "Social Behaviour of Horned Dairy Cows in Loose Housing Systems," by S. Waiblinger, C. Menke, and D. W. Folsch. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 337. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: animal behavior; dairy cows; housing; horns

513. "Suckling as an Alternative Rearing System for Replacement Calves on Dairy Farms," by J. Langhout and J. P. Wagenaar. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March*,

University of Kassel, Witzenhausen, Germany, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 49-54. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)

Keywords: dairy farming; calves; animal behavior; animal welfare

514. "Swiss Experiences on Practical Cattle Breeding Strategies for Organic Dairy Herds," by B. Bapst. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 44-50. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.

Keywords: breeding; dairy cattle; milk production; Switzerland

515. *Swiss Organic Dairy Farmer Survey 2003*, by Edda Haas. Frick, Switzerland: Animal Husbandry and Animal Breeding Division, Research Institute of Organic Agriculture (FiBL), 2004.

Available online:

<http://www.safonetwork.org/workshops/ws2/presen/haas.pdf> (accessed September 10, 2004)

Keywords: demography; surveys; dairy farming; milk production; breeds; breeding; dairy cattle; Switzerland

516. "Swiss Organic Dairy Milk Farmer Survey: Which Path for the Organic Cow in the Future?," by E. Haas and B. Pabst. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 35-42. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)

Keywords: dairy farming; surveys; farmers' attitudes; dairy cattle; Switzerland

517. *Transition to Certified Organic Dairy (Fluid) Production - 75 Milking Cow Herd on 50 Acres* (BCMAFF Planning for Profit). Victoria: British Columbia Ministry of Agriculture, Food, & Fisheries, 2002.

Available online:

http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/dairy/organic_dairyapril2003_final.pdf (accessed September 10, 2004)

Keywords: dairy farming; organic transition; costs and returns; farm budgets; British Columbia; Canada

518. *Transitioning to Organic*, by Kathie Arnold. Richmond, VT: Northeast Organic Dairy Producers Alliance, 2004?

Available online:

<http://www.organicmilk.org/transitioning.html> (accessed September 10, 2004)

Keywords: dairy farming; dairy cattle; organic transition; milk production

519. *Two Studies of Health and Welfare Aspects in an Organic Dairy Herd: A) Enhancing Pasture Palatability, B) Development of NIRS-Based Non-Invasive Monitoring*, by Bettina Blanke. Aberdeen: Scottish Agricultural College, 2001. *Note:* Thesis.

Available online:

<http://www1.sac.ac.uk/cropsci/External/OrgServ/OrgPublications/BettinaMSc.asp> (abstract only) (accessed September 10, 2004)

Keywords: dairy farming; pasture management; feeds; forage; animal nutrition; dairy cattle

520. "Understanding the Cow - the Central Role of Human-Animal Relationship in Keeping Horned Dairy Cows in Loose Housing," by S. Waiblinger, T. Baars, and C. Menke. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 64-78. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Available online:

<http://www.veeru.reading.ac.uk/organic/ProceedingsFINAL.pdf> (accessed September 10, 2004)

Keywords: animal behavior; animal welfare; housing; dairy cows

521. "The Use of a Processed Humic Acid Product as a Feed Supplement in Dairy Production in the Netherlands," by B. P. H. Tomassen and R. H. Faust. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 339. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: feeds; milk yield; dairy cattle; Netherlands

522. "Use of Rapeseed and Pea Grain Protein Supplements for Organic Milk Production," by H. Khalili et al. *Agricultural and Food Science in Finland* 8, no. 3 (1999): 239-252. [NAL Call #: S3.A335]

Available online: [http://tripunix.mtt.fi/cgi-bin/thw/?\\$%7BBASE%7D=afsf&\\$%7BHTML%7D=afsf/ab&\\$%7BSNH%7D=afsf/nosyn&\\$%7BTRIPSHOW%7D=FORMAT=seli&julid=AFSF&vol=8&nu=3&enspg=239](http://tripunix.mtt.fi/cgi-bin/thw/?$%7BBASE%7D=afsf&$%7BHTML%7D=afsf/ab&$%7BSNH%7D=afsf/nosyn&$%7BTRIPSHOW%7D=FORMAT=seli&julid=AFSF&vol=8&nu=3&enspg=239) (accessed

September 10, 2004)

Keywords: dairy cows; feeds; milk yield; animal nutrition; milk production

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523. “Animal Health in Organic Dairy Products,” by C. Hamilton. *Bulletin of the International Dairy Federation* 347 (2000): 31-32. [NAL Call #: 44.9 In82B]

Keywords: animal health; dairy products; food quality; milk production; Sweden

524. “Bone Remodelling Activity in Dairy Cows Supplemented with Herbal Preparation Calsorb,” by J. P. Philipov et al. *Indian Journal of Indigenous Medicines* 16, no. 2 (1994): 67-72.

Keywords: dairy cows; animal health; veterinary medicine; herbal medicines; animal nutrition

525. *British Mastitis Conference 1998*. Crewe, UK: Axient Information Services, 1998.

Keywords: veterinary medicine; animal health; homeopathy

526. *British Mastitis Conference 2001, Garstang, Lancashire, UK, 10th October 2001*, pp. 77. Newbury, UK: Institute of Animal Health, 2001.

Keywords: animal health; dairy cows; mastitis

527. *Comparison of Antibiotic Susceptibility Patterns for Staphylococcus Aureus in Organic and Conventional Dairy Herds*, by Linda L. Tikofsky and Ynte H. A. Schukken (Organic Farming Research Foundation Project Report #00-65). Santa Cruz, CA: Organic Farming Research Foundation, 2002. *Note:* Final Project Report.

Available online:
<http://www.ofrf.org/publications/Grant%20reports/00.65.18.Schukken.Fall00.IB12.pdf> (accessed September 10, 2004)

Keywords: veterinary medicine; mastitis; dairy cows; dairy farming; comparisons

528. *Cow Health: Some Thoughts on Holistic or Alternative Veterinary Medicine*, by R. J. Holliday and J. Brunetti. Richmond, VT: Northeast Organic Dairy Producers Alliance, 2002.

Available online:
<http://www.organicmilk.org/health.html> (accessed September 10, 2004)

Keywords: dairy farming; animal health; dairy cows; veterinary medicine; alternative medicine

529. “The Dairy Cow’s Year in an Organic Farming Regime, Incorporating a Practical Approach to

Homeopathy in Dairy Cattle,” by S. J. Turner. *Cattle Practice* 9, no. 2 (2001): 137-146. [NAL Call #: SF961.C37]

Keywords: breeding; animal health; dairy cows; homeopathy; milk production

530. “Dealing with the Organic Dairy Producer,” by A. J. Hayton. *Cattle Practice* 7, no. 4 (1999): 383-387. [NAL Call #: SF961.C37]

Keywords: veterinary medicine; dairy cows; mastitis; United Kingdom

531. “Development of Health Advisory Service in Organic Dairy Herds,” by M. Vaarst. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 157-159. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:
http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: dairy farming; research; animal health; veterinary medicine; Denmark

532. “Effect of Mastitis Treatment and Somatic Cell Counts on Milk Yield in Danish Organic Dairy Cows,” by T. W. Bennedsgaard et al. *Journal of Dairy Science* 86, no. 10 (2003): 3174-3183. [NAL Call #: 44.8 J822]

Keywords: dairy cows; mastitis; milk; milk yield; veterinary medicine; Denmark

533. “Effect of Organic Fodder on Prevention of Milk Fever,” by B. I. F. Henriksen. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 185-186. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:
http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: dairy cows; animal diseases; animal health; silage; feeds; Norway

534. “Efficacy Evaluation of Homeopathic Nosodes for Mastitis and Calf Scours, and Documentation of Homeopathic Practices in Organic and Conventional

Dairy Production: Mastitis Control: Lessons From the Vermont Nosode Study,” by L. McCrory. *Sustainable Agriculture Research and Education (SARE) Research Projects, Northeast Region* (2001): 1 portfolio. *Note*: SARE Project Number: LNE97-086. [NAL Call #: S441.S855]

Keywords: dairy cows; homeopathy; mastitis; calves; dairy farming; milk quality; veterinary medicine

535. *Efficacy of Homeopathic Preparations of Autogenous Mastitis*, by Fernando Moncayo et al. (Organic Farming Research Foundation Project Report #99-03). Santa Cruz, CA: Organic Farming Research Foundation, 2000.

Available online:

<http://www.ofrf.org/publications/Grant%20reports/99.03.01.Moncayo.Spr99.IB10.pdf> (accessed September 10, 2004)

Keywords: veterinary medicine; dairy cows; mastitis; homeopathy

536. “The Efficiency of Preventive Homeopathic Treatment of Post-Parturient Diseases of Dairy Cattle,” by H. Sommer, U. Erbe, and F. Wirth. In *Proceedings of the IVth Congress of the International Society for Animal Clinical Biochemistry, University of California, Davis, USA, July 18-21, 1990*, pp. 143-150. Davis, CA: School of Veterinary Medicine, University of California, 1990.

Keywords: animal diseases; dairy cattle; homeopathy; veterinary medicine

537. “Evaluation of a Homoeopathic Treatment for Subclinical Mastitis,” by J. Egan. *Veterinary Record* 137, no. 2 (1995): 48. [NAL Call #: 41.8 V641]

Keywords: dairy cows; mastitis; homeopathy

538. “Farmers’ Choice of Medical Treatment of Mastitis in Danish Dairy Herds Based on Qualitative Research Interviews,” by M. Vaarst et al. *Journal of Dairy Science* 85, no. 4 (2002): 992-1001. [NAL Call #: 44.8 J822]

Keywords: veterinary medicine; dairy cows; mastitis; dairy farming; farmers’ attitudes; laws and legislation; comparisons; Denmark

539. “A Field Survey on the Status of Internal Parasites in Calves on Organic Dairy Farms in Southwestern Sweden,” by J. Hoglund, C. Svensson, and A. Hessel. *Veterinary Parasitology* 99, no. 2 (2001): 113-128. [NAL Call #: SF810.V4]

Keywords: dairy cattle; calves; anthelmintics; parasites; coccidiosis; animal health; pasture management; nematodes; Sweden

540. “Herbal Therapies Hold the Key in Organic Dairy Farming: The Case of Mastitis,” by Reena Mukherjee and P. K. Dash. *Indian Dairyman* 53, no. 12 (2001):

40-43. [NAL Call #: 44.8 IN282]

Keywords: mastitis; dairy cattle; dairy farming; herbal medicines; India

541. “Homeopathic Mastitis Treatment Relating to Farm and Milking Technique Associated Factors in Engadin (CH),” by M. Walkenhorst, J. Spranger, and P. Rusch. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 349. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: veterinary medicine; mastitis; homeopathy; dairy cows

542. “Homeopathic Medicine as a Complementary Measure in Etiologically Oriented Therapy for Mastitis in Cows,” by J. Spranger. In *Organic Agriculture: The Credible Solution for the 21st Century: Proceedings of the 12th International IFOAM Scientific Conference, Mar Del Plata, Argentina, November 15-19, 1998*, edited by D. Foguelman and W. Lockeretz, pp. 254-258. Tholey-Theley, Germany: IFOAM, 1999.

Available online: <http://www1.oecd.org/publications/e-book/5103071E.PDF> (accessed September 10, 2004)

Keywords: veterinary medicine; dairy cows; mastitis; alternative medicine; homeopathy; etiology; Germany

543. “Homeopathic Supported Udder Health Control Regarding Cow Associated Factors in Brandenburg (D),” by P. Klocke et al. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 343. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: veterinary medicine; cows; homeopathy; mastitis; Germany

544. “Homeopathic Treatment of Infectious Diseases in Animals, Evaluated by Scientific Criteria,” by Lisbeth Hektoen. *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 153-156. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: veterinary medicine; dairy cattle; mastitis; research; homeopathy

545. “Homeopathy in Dairy Herds - Approaches and Preconditions,” by J. Spranger and P. Klocke. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference*,

Basel, Switzerland, 28 to 31 August, 2000, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 324-327. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: dairy cows; mastitis; animal health; homeopathy; veterinary medicine

546. "Homoeopathic Remedies in the Treatment of Mastitis: Preliminary Results of a Positive Control Study and Review of Alternative Therapies," by K. Mueller. *Proceedings of the 34th Annual Conference, American Association of Bovine Practitioners: Meeting Held Sept. 13-15, 2001, Vancouver, British Columbia, Canada*, pp. 141-142. Stillwater, OK: The Association, 2001. [NAL Call #: SF961.A5]

Keywords: veterinary medicine; dairy cows; mastitis; homeopathy; alternative medicine

547. "Management Practices and Reported Antimicrobial Usage on Conventional and Organic Dairy Farms," by A. G. Zwald et al. *Journal of Dairy Science* 87, no. 1 (2004): 191-201. [NAL Call #: 44.8-J822]

Keywords: dairy farming; milk production; somatic cell count; housing; veterinary medicine; therapy; animal diseases; mastitis; comparisons

548. "Mastitis and Mastitis Control Strategies in Organic Milk," by M. Hovi and S. Roderick. *Cattle Practice* 8, no. 3 (2000): 259-264. [NAL Call #: SF961.C37]

Keywords: dairy cows; dairy farming; mastitis; milk production; United Kingdom

549. "Mastitis in Danish Organic Dairying," by M. Vaarst. In *British Mastitis Conference 2001, Garstang, Lancashire, UK, 10th October 2001*, pp. 1-12. Newbury, UK: Institute of Animal Health, 2001.

Keywords: animal health; mastitis; dairy cows; dairy farming; Denmark

550. "Mastitis in Heifers in Danish Organic Dairy Herds: Infection Pattern and Associations to Risk Factors Related to Management and Environment," by M. Vaarst and H. Larsen. *Epidemiologie Et Sante Animale* 31-32 (1997): 05.18.1-05.18.2.

Keywords: dairy cows; mastitis; animal diseases; heifers

551. "Mastitis in Organic Dairy Herds in England and Wales," by M. Hovi and S. Roderick. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 342. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: veterinary medicine; dairy farming; mastitis; animal diseases; comparisons; United Kingdom

552. "Mastitis, Ketosis, and Milk Fever in 31 Organic and 93 Conventional Norwegian Dairy Herds," by F. Hardeng and V. L. Edge. *Journal of Dairy Science* 84, no. 12 (2001): 2673-2679. [NAL Call #: 44.8 J822]

Keywords: veterinary medicine; dairy cows; dairy farming; animal diseases; mastitis; ketosis; milk yield; animal health; comparisons; Norway

553. "Mastitis Therapy in Organic Dairy Herds," by M. Hovi and S. Roderick. In *British Mastitis Conference 1998*, pp. 29-35. Crewe, UK: Axient Information Services, 1998.

Keywords: veterinary medicine; dairy cows; mastitis; dairy farming; homeopathy; United Kingdom

554. "Mastitis Treatment and Production Losses in Organic Dairy Herds," by T. W. Bennedsgaard, Thamsborg S.M. and M. Vaarst. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst, pp. 14-19. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: veterinary medicine; milk production; milk yield; dairy cows; mastitis; Denmark

555. "Milk Production and Mastitis on Midwestern Organic Dairy Farms," by K. Sato et al. *Dairy, Food and Environmental Sanitation* 22, no. 3 (2002): 178-183. [NAL Call #: SF221.D342]

Keywords: mastitis; dairy cows; dairy farming; milk production; United States

556. "No Effect of a Homeopathic Preparation on Neonatal Calf Diarrhoea in a Randomised Double-Blind, Placebo-Controlled Clinical Trial," by K. de Verdier, P. Ohagen, and S. Alenius. *Acta Veterinaria Scandinavica* 44, no. 1-2 (2003): 97-101. [NAL Call #: 11 Ac82]

Keywords: animal health; animal diseases; veterinary medicine; cattle; calves; homeopathy

557. "Organic Conform Udder Health Concepts. How to Reduce Therapies," by Michael Walkenhorst et al. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, pp. 71-76. Reading, UK: Sustaining Animal Health and Food Safety in

Organic Farming (SAFO); University of Reading, 2004. *Note:* Taken from a Power Point Presentation. Available online: <http://www.safonetwork.org/workshops/ws2/presen/Walkenhorst.pdf> (accessed September 10, 2004)
Keywords: veterinary medicine; animal health; dairy cattle; mastitis; research

558. "Organic Dairy Farmers' Decision Making in the First 2 Years After Conversion in Relation to Mastitis Treatments," by M. Vaarst et al. *Livestock Production Science* 80, no. 1/2 (2003): 109-120. [NAL Call #: SF1.L5]
Keywords: animal welfare; animal health; mastitis; dairy farming; dairy cows; veterinary medicine

559. "Organic Dairy Farming and Nematode Parasitism: Infection Patterns Among Replacement Heifers Not Preventively Treated with Anthelmintics," by M. Vaarst et al. In *Livestock Farming Systems: Research, Development Socio Economics and Land Management: Proceedings of the Third International Symposium Aberdeen, Scotland, 1-2 September, 1994*, edited by J. B. Dent, M. J. McGregor, and A. R. Sibbald, pp. 85-90. Wageningen, Netherlands: Wageningen Pers, 1996.
Keywords: dairy farming; anthelmintics; nematodes; cattle; heifers; parasites; helminths; animal diseases

560. "Patterns of Clinical Mastitis Manifestations in Danish Organic Dairy Herds," by M. Vaarst and C. Enevoldsen. *Journal of Dairy Research* 64, no. 1 (1997): 23-37. [NAL Call #: 44.8 J823]
Keywords: veterinary medicine; dairy cows; dairy farming; mastitis; milk yield; Denmark

561. "Preventive Measures for Animal Health and Practical Means for Management Support on Organic Dairy Farms in the Netherlands," by G. A. Smolders. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst, pp. 113-125. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.
Available online: <http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)
Keywords: animal health; dairy cattle; pasture management; soil quality; feeds; forage; milk production

562. "Reduced Medication in Organic Farming with Emphasis on Organic Dairy Production," by M. Vaarst and T. W. Bennedsgaard. *Acta Veterinaria Scandinavica, Supplementum* 95 (supp.) (2001): 51-57.
Note:

[NAL Call #: 11 AC82 SUPPL.]
Keywords: animal health; animal welfare; mastitis; milk production

563. "Reports on Diseases in 14 Organic Farms in Denmark," by M. Vaarst, C. Enevoldsen, and P. Jakobsen. *Acta Veterinaria Scandinavica, Supplementum* 89 (supp.) (1993): 143-145. *Note:* Paper: Proceedings from an Internordic and Baltic Workshop, Jaegerspris, Denmark, January 12-14, 1993. [NAL Call #: 11 AC82 SUPPL.]
Keywords: mastitis; feeds; animal diseases; dairy cattle; Denmark

564. "Sole Disorders in Conventionally Managed and Organic Dairy Herds Using Different Housing Systems," by M. Vaarst, J. Hindhede, and C. Enevoldsen. *Journal of Dairy Research* 65, no. 2 (1998): 175-186. [NAL Call #: 44.8 J823]
Keywords: animal health; dairy cattle; animal diseases; housing; breeds; cattle; Denmark

565. "Somatic Cell Counts and Incidence of Clinical Mastitis in Organic Milk Production," by R. F. Weller and D. W. R. Davies. *Veterinary Record* 143, no. 13 (1998): 365-366. [NAL Call #: 41.8 V641]
Keywords: veterinary medicine; dairy cows; mastitis; milk production; dairy farming

566. "Strategies for Internal Parasite Control in Organic Cattle," by M. Eysker. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst, pp. 59-71. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.
Available online: <http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)
Keywords: animal health; veterinary medicine; parasites; dairy cattle; anthelmintics; grazing; alternative medicine

567. "Strategies for Prophylaxis and Therapy of Bovine Mastitis," by M. Walkenhorst et al. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop, Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst, pp. 27-32. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.
Available online: <http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)
Keywords: animal health; veterinary medicine; homeopathy; mastitis; milk production; dairy cows; Switzerland; Germany

568. *Treating Mastitis without Antibiotics*, by Jean Duval (AGRO-BIO - 370 - 11E). Ste-Anne-de-Bellevue, QC: Ecological Agriculture Projects, McGill University, 1997.

Available online:

<http://www.eap.mcgill.ca/AgroBio/ab370-11e.htm> (accessed September 10, 2004)

Keywords: veterinary medicine; mastitis; dairy cows; animal diseases; homeopathy

569. "Udder Health and Risk Factors for Subclinical Mastitis in Organic Dairy Farms in Switzerland," by A. Busato et al. *Preventive Veterinary Medicine* 44, no. 3/4 (2000): 205-220. [NAL Call #: SF601.P7]

Keywords: veterinary medicine; etiology; animal health; mastitis; dairy farming; dairy cows; milk production; comparisons; etiology; Switzerland

570. "Udder Health Concepts that Comply with Organic Principles – How to Reduce Therapies?," by M. Walkenhorst et al. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 71-76. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)

Keywords: milk quality; dairy farming; mastitis; somatic cell count; animal health; antibiotic resistance

571. "The Use and Efficacy of a Homoeopathic Nosode in the Prevention of Mastitis in Dairy Herds: a Farm Survey of Practising Users," by C. Stopes and L. Woodward. *IFOAM Bulletin for Organic Agriculture* 10 (1990): 6-10.

Keywords: veterinary medicine; dairy cows; mastitis; homeopathy; dairy farming; surveys

572. "Use of Homoeopathy and Non-Antibiotic Treatment for Mastitis in Somerset," by S. J. Turner. In *British Mastitis Conference 2001, Garstang, Lancashire, UK, 10th October 2001*, pp. 13-23.

Newbury, UK: Institute of Animal Health, 2001.

Keywords: mastitis; dairy cows; dairy farming; homeopathy; United Kingdom

573. "Utilisation of Homeopathy in Dairy Cattle - First Results of an Italian Trial," by A. Martini et al. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 115-120. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Available online:

http://www.veeru.reading.ac.uk/organic/ProceedingsFI_NAL.pdf (accessed September 10, 2004)

Keywords: veterinary medicine; homeopathy; dairy cattle; milk production

574. "Utilisation of Unconventional Medicines in a Dairy Farm of the Northern Part of the Florence Province Preliminary Results," by A. Martini et al. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 345. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: veterinary medicine; dairy farming; dairy cows; alternative medicine; homeopathy; milk production; Italy

575. "withdrawal Times for Medicines on Organic Farms," by K. Baxter. *Veterinary Record* 151, no. 6 (2002): 188. [NAL Call #: 41.8 V641]

Keywords: veterinary medicine; animal welfare; dairy cattle; insect control; drug therapy

Dairy Cattle Production – Economic Issues

576. "Budgetary Implications of Extensification and Organic Conversion for a Generalized Lowland Livestock Farm," by F. W. Grayson. In *Grazing Management: The Principles and Practice of Grazing, for Profit and Environmental Gain, within Temperate Grassland Systems: Proceedings of the British Grassland Society Conference Held at the Cairn Hotel, Harrogate, 29 February-2 March 2000*, edited by A. J. Rook and P. D. Penning, pp. 237-238. Aberystwyth: BBSRC Institute of Grassland and Environmental Research, 2000.

Keywords: organic transition; economics; economic analysis; United Kingdom

577. "Comparative Economics of Farming Systems," by D. R. Colman and P. B. Tinker. In *Shades of Green: A Review of UK Farming Systems*, pp. 42-58. Stoneleigh Park, UK: Royal Agricultural Society of England, National Agricultural Centre, 2000.

Keywords: farming systems; economics; dairy farming; profitability; comparisons; United Kingdom

578. "Comparison of the Profitability of Conventional and Organic Farms in Milk Production in Quebec: Comparaison De La Rentabilite Des Systemes Conventionnels Et Biologiques En Production Laitiere Au Quebec," by D. Burgoyne et al. *Canadian Journal of Agricultural Economics* 43, no. 6 (1995): 435-442. [NAL Call #: 281.8 C16]
Keywords: profitability; economics; dairy-farming; milk production; comparisons; Quebec
579. "Comparison of the Profitability of Organic and Conventional Dairy Herds," by J. Hindhede, C. Enevoldsen, and T. Kristensen. *Epidemiologie Et Sante Animale* 31-32 (1997): 10.14.1-10.14.3. *Note*: Article in English.
Keywords: dairy farming; farming systems; profitability; economics; livestock production; milk production; comparisons
580. "The Danish Milk Quota System," by H. H. Sorensen. *Scandinavian Dairy Information* 3 (1998): 40-41. [NAL Call #: HD9275.A1S22]
Keywords: milk production; economics; Denmark
581. "Economic Analysis of Issues Concerning Organic Dairy Farming," by V. Christensen and C. Saunders. In *Research Report: Agribusiness & Economics Research Unit, Lincoln University*. Canterbury, New Zealand: Agribusiness & Economics Research Unit, Lincoln University, 2003.
Keywords: dairy farming; economics; economic analysis; international trade; Denmark; New Zealand
582. "Economic Analysis of the Organic Dairy Sector: Comparing the Danish and NZ Development in Organic Milk Production and Consumption," by C. M. Saunders and V. Christensen. *AERU Discussion Paper* 150 (2003): 37-45. *Note*: Paper: Ninth Annual Conference of the New Zealand Agricultural and Resource Economics Society (Inc.) incorporating the 27th Annual Conference of the New Zealand Branch of the Australian Agricultural and Resource Economics Society (Inc.), Blenheim, July 2003. [NAL Call #: HD2162.L52]
Keywords: economics; costs; dairy farming; economic analysis; comparisons; Denmark; New Zealand
583. "The Economic Opportunities for Increasing the Use of Forage Legumes in North European Livestock Systems Under Both Conventional and Organic Management," by C. J. Doyle and C. F. E. Topp. *Renewable Agriculture and Food Systems* 19, no. 1 (2004): 15-22. [NAL Call #: S605.5 .A43]
Keywords: economics; costs; profitability; pasture management; dairy farming; forage; milk production; livestock production; comparisons; Europe
584. *Economics of Grass Based Dairying*, by Tim Johnson (Livestock Business Guide). Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2002.
Available online: <http://attra.ncat.org/attra-pub/ecodairy.html> (accessed September 10, 2004)
Keywords: livestock production; economics; comparisons; cattle production; dairy farming; grazing; pasture management; profitability
585. "The Economics of Organic Milk Production in California: A Comparison with Conventional Costs," by L. J. Butler. *American Journal of Alternative Agriculture* 17, no. 2 (2002): 83-91. [NAL Call #: S605.5.A43]
Keywords: comparisons; economics; dairy farming; milk; California
586. "Expected Crop Yield Loss When Converting to Organic Dairy Farming in Denmark," by N. Halberg and I. S. Kristensen. *Biological Agriculture and Horticulture* 14, no. 1 (1997): 25-41. [NAL Call #: S605.5.B5]
Keywords: crop yield; dairy farming; economics; organic transition; Denmark
587. "Organic Dairy Costings: Update," by M. Redman. *New Farmer and Grower* 33 (1992): 20-21.
Keywords: dairy farming; economic analysis; milk production; milk yield; farm inputs; comparisons; United Kingdom
588. "Organic Milk: What Are the Costs?," by M. Morisset and D. Gilbert. *Bulletin of the International Dairy Federation* 347 (2000): 25-30. [NAL Call #: 44.9 In82B]
Keywords: milk; comparisons; economics; costs and returns; Canada; Denmark
589. "Potential Economic Gains From Using Forage Legumes in Organic Livestock Systems in Northern Europe," by Chris J. Doyle and Cairistiona F. E. Topp. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 195-196. Aberystwyth: Organic Centre Wales, 2002.
Available online: <http://www.organic.aber.ac.uk/library/Forage%20legumes%20in%20organic%20livestock%20systems.pdf> (accessed September 10, 2004)
Keywords: dairy farming; dairy cows; forage; legumes; grazing; economic analysis; comparisons

Dairy Cattle Production – Marketing

590. "Adding Value to Organic Milk," by A Jellings. *New Farmer and Grower* 35 (1992): 28-29.
Keywords: dairy farming; milk production; marketing; dairy products; United Kingdom
591. "Beloved Bean," by R Robinson. *Dairy Field* 181, no. 7 (1998): 49-50, 52. [NAL Call #: 389.8 Ic2]
Keywords: dairy products; milk; marketing; chocolate; consumer economics
592. "Big Firms Crave Taste of Organic Milk's Success," by Noel C. Paul. *Christian Science Monitor* September 15 (2003)
Available online:
<http://www.csmonitor.com/2003/0915/p16s01-wmcn.html> (accessed September 10, 2004)
Keywords: dairy industry; dairy products; marketing; milk
593. "Biological Milk Products From the Heart of France," by J. Briem. *European Dairy Magazine* 7, no. 2 (1995): 17-19.
Keywords: dairy farming; milk; marketing; dairy products; France
594. "Bold New Horizon," *New Nutrition Business* 6, no. 6 (2001)
Keywords: dairy products; marketing; dairy industry
595. "Boom or Bust?," by N. Dunn. *New Farmer and Grower* 34 (1992): 13.
Keywords: milk production; dairy farming; economic outlook and situation; marketing; demand; Europe; Germany; Sweden; Denmark; United Kingdom
596. *CROPP Cooperative: The Cooperative Regions of Organic Producer Pools*, by M. Powell and G. Lawless. Lincoln, NE: North Central Initiative for Small Farm Profitability, 2003.
Available online:
<http://www.farmprofitability.org/research/cropp/cropp.htm> (accessed September 10, 2004)
Keywords: case studies; marketing; cooperatives; marketing channels; dairy farming; dairy industry
597. "Current Issues in Marketing Organic Milk in the UK," by J. Franks. *British Food Journal* 105, no. 6/7 (2003): 350-363. [NAL Call #: 389.8 B77]
Keywords: dairy farming; milk production; labeling; marketing; milk; United Kingdom
598. "Dairy Sector Looks Likely to Mature," by D. Campbell. *New Farmer and Grower* 46 (1995): 20.
Keywords: dairy cattle; dairy farming; marketing; profitability; consumer economics; dairy products; milk production; United Kingdom
599. *Demand for Organic and Conventional Beverage Milk*, by Lewrene K. Glaser and Gary D. Thompson. Western Agricultural Economics Association, 2000.
Note: Paper: Western Agricultural Economics Association Annual Meetings, Vancouver, B.C. June 29 - July 1, 2000. Copyright 2002 by Gary D. Thompson.
Available online: http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=2259 (accessed September 10, 2004)
Keywords: milk; marketing; marketing channels; dairy industry; consumer economics; comparisons
600. "The European Organic Dairy Industry: Outlook 2004," by Sahota Amarjit and A. Sahota. *European Dairy Magazine* 16, no. 1 (2004): 26-27.
Keywords: dairy farming; consumer economics; milk; milk production; marketing; Europe
601. *European Organic Dairy Product Markets*, by Frost & Sullivan (Report 3630-88). San Jose, CA: Frost & Sullivan, 1999.
Keywords: dairy products; marketing; consumer economics; Europe
602. "General Consumer Attitudes to Milk," by M. Brandl. *Bulletin of the International Dairy Federation* 347 (2000) [NAL Call #: 44.9 In82B]
Keywords: consumer economics; dairy products; milk; marketing; dairy farming; Germany
603. "Got Organic Milk? The Natural Dairy Business Is Going Mainstream," by C. Hayhurst. *E-Magazine* (2000): 3. [NAL Call #: TD169 .E2]
Available online: http://www.emagazine.com/may-june_2000/0500gl_eating.html (accessed September 10, 2004)
Keywords: dairy industry; milk production; dairy farming; marketing
604. *How Consumers Value RBST-Free and Organic Milk in the Marketplace*, by Tirtha Dhar and Jeremy Foltz (Wisconsin Family Farm Facts, 19). Madison: University of Wisconsin-Madison, 2003.
Available online:
<http://www.pats.wisc.edu/pdf%20documents/fact19.pdf> (accessed September 10, 2004)
Keywords: dairy farming; marketing; milk; consumer economics; Wisconsin
605. "Identity-Preserved Milk," by F. Anderson. *Ontario Dairy Farmer* February (1994): 60-64.
Keywords: dairy cows; marketing; cooperatives; milk production; dairy farming; Canada

606. "Lessons Learned From the Upper Midwest Organic Marketing Project," by T. L. Dobbs, R. C. Shane, and D. M. Feuz. *American Journal of Alternative Agriculture* 15, no. 3 (2000): 119-128. [NAL Call #: S605.5.A43]
Keywords: agricultural policy; economics; marketing; marketing channels; dairy farming
607. *The Market for RBST-Free and Organic Milk*, by Tirtha Dhar and Jeremy Foltz (Wisconsin Family Farm Facts, 18). Madison: University of Wisconsin-Madison, 2003.
Available online:
<http://www.pats.wisc.edu/pdf%20documents/fact18x.pdf> (accessed September 10, 2004)
Keywords: dairy farming; marketing; consumer economics; milk; Wisconsin
608. *Market Structure and Consumer Valuation in the RBST-Free and Organic Milk Markets*, by Tirtha Dhar and Jeremy D. Foltz, pp. 27. Ames, IA: American Agricultural Economics Association, 2003. *Note*: Selected Paper, 2003 Annual Meeting, July 27-30, 2003, Montreal, Canada
Available online: http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=8909&ftype=.pdf (accessed September 10, 2004)
Keywords: milk; dairy products; food safety; consumer economics
609. "The Marketing of Organic Milk: Opportunity and Challenge," by S. Bagenal. In *Organic Livestock Farming: Papers-Presented at a Conference Held at the Heriot Watt University, Edinburgh and at the University of Reading, UK, 9 and 10 February 2001*, edited by D. Younie and J. M. Wilkinson, pp. 3-9. Lincoln, UK: Chalcombe Publications, 2001.
Keywords: milk; marketing; milk production; dairy products; dairy industry
610. "Muller Goes Organic," by N. Dunn. *Dairy Industries International* 55, no. 12 (1990): 20-21. [NAL Call #: 44.8 D1427]
Keywords: dairy farming; dairy products; marketing; Germany
611. "Natural Succession," by C. Behrendt and D. Cvetan. *Dairy Field* 180, no. 5 (1997) [NAL Call #: 389.8 Ic2]
Keywords: dairy products; dairy industry; consumer economics; milk production; United States
612. *Organic Dairy Industry Profile*, by Malinda Miller. Rev. ed. Ames, IA: Agricultural Marketing Research Center, Iowa State University, 2004.
Available online:
<http://www.agmrc.org/dairy/profiles/orgdairyprofile.pdf> (accessed September 10, 2004)
- Keywords: dairy farming; dairy industry; marketing; milk; economic outlook and situation
613. "Organic Dairy Sales Set to Triple," *European Dairy Magazine*, no. 5 (1999): 30-31.
Keywords: dairy products; marketing; consumer economics; dairy industry
614. "Organic Dairy Venture Set for Growth," by G. Platt. *Milk Industry* 95, no. 2 (1993): 26-28. [NAL Call #: 44.8 M593]
Keywords: dairy farming; milk production; marketing; marketing channels; United Kingdom
615. "Organic Farming Products - the Dairy Industry's Role," by C. N. Carlson. In *Proceedings of the XXIII International Dairy Congress, Montreal, October 8-12, 1990*, pp. 1017-1020. Brussels, Belgium: International Dairy Federation, 1991.
Keywords: dairy farming; dairy products; economics; marketing; economic outlook and situation; United States
616. "Organic Milk - a Growth Market," by N. Dunn. *Dairy Industries International* 56, no. 4 (1991): 14. [NAL Call #: 44.8 D1427]
Keywords: dairy farming; milk production; consumer economics; marketing; Denmark; Germany; Sweden
617. "Organic Milk: Attitudes and Consumption Patterns," by H. Hill and F. Lynchehaun. *British Food Journal* 104, no. 7 (2002): 526-542. [NAL Call #: 389.8 B77]
Keywords: consumer economics; milk; demography
618. "Organic Milk First Step Towards Every Doorstep?," by L. Mason. *Dairy Farmer* 36, no. 4 (1989): 18, 20, 22, 24. [NAL Call #: 44.8 D1414]
Keywords: dairy cows; dairy farming; marketing; milk production; United Kingdom
619. "The Organic Milkman Cometh," by C. Behrendt. *Dairy Field* 181, no. 4 (1998): 1, 28-31. [NAL Call #: 389.8 Ic2]
Keywords: dairy farming; milk production; marketing; milk
620. "Organic Ways in Denmark," by A. M. Arve. *Scandinavian Dairy Information*, no. 4 (1999): 12-13. [NAL Call #: HD9275.A1S22]
Keywords: dairy products; milk; marketing channels; consumer economics; laws and legislation; Europe
621. "Payment Systems for Ex-Farm Milk: Results of IDF Questionnaire 2399/A:99 (Study Group A8)," by International Dairy Federation. *Bulletin of the International Dairy Federation* 348 (2000): 15-42.

[NAL Call #: 44.9 In82B]

Keywords: agricultural policy; laws and legislation; milk; milk production; international trade

622. "Retailing of Organic Dairy Products," by J. P. Jamet. *Bulletin of the International Dairy Federation* 347 (2000): 8-11. [NAL Call #: 44.9 In82B]

Keywords: marketing; marketing channels; milk; milk production; dairy products; consumer economics; Austria; Canada; Denmark; France; Germany; United States; Netherlands

623. *The Specialty Cheese Market*, by Food Processing Center Institute of Agriculture and Natural Resources University of NE - Lincoln. Lincoln, NE: The Center, 2001. *Note*: Prepared for The North Central Initiative for Small Farm Profitability.

Available online:

http://www.foodmap.unl.edu/report_files/cheese.htm (accessed September 10, 2004)

Keywords: cheesemaking; dairy products; marketing; marketing channels; consumer economics

624. "Steep Prices of Organic Cheese Make Transition From Speciality Item Tough," *Cheese Reporter* 126, no. 47 (2002): 1, 12, 18. [NAL Call #: 44.8 SH3]

Keywords: cheesemaking; dairy products; consumer economics

625. *A Study of Marketing Issues with Organic Milk*, by Ray Hammarlund. Ames, IA: Agricultural Marketing Resource Center, Iowa State University, 2002. *Note*: Paper based on Masters Thesis, Kansas State University

Available online:

<http://www.agmrc.org/dairy/info/ksuorgdairy.pdf> (accessed September 10, 2004)

Keywords: dairy farming; marketing; consumer economics; milk

626. "Survey Quantifies Cost of Organic Milk Production in California," by Leslie J. Butler. *California Agriculture* Sept/Oct (2002): 157-162.

Available online:

<http://californiaagriculture.ucop.edu/0205SO/pdfs/orgmilk.pdf> (accessed September 10, 2004)

Keywords: dairy farming; milk; marketing; costs and returns; California

627. "Three Issues in Consumer Quality Perception and Acceptance of Dairy Products," by K. G. Grunert, T. Bech Larsen, and L. Bredahl. *International Dairy Journal* 10, no. 8 (2000): 575-584. [NAL Call #: SF221.I57]

Keywords: dairy products; consumer economics; milk; food quality

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628. "Biomilk in Plastic Bottles," *European Dairy Magazine*, no. 3 (2001): 16.

Keywords: dairy products; milk; packaging; consumer economics

629. "Kologischer Kreislauf Moorbad Harbach: Life Cycle Assessment (LCA) for Agricultural Plant Production and Transportation," by R. Kratochvil et al. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 169. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: farming systems; marketing; dairy farming; food processing; milk production; environmental impact; Austria

630. "Organic Cheese for Manufacturers," *European Dairy Magazine*, no. 2 (2000): 44, 46-47.

Keywords: cheesemaking; dairy products; case studies; food processing

631. "Organic Dairy in the United States," by L. Hemsted. In *Handbook of Organic Food Processing and Production*, edited by S. Wright and D. McCrea,

pp. 122-131. 2nd ed. Oxford, UK: Blackwell Science, 2000.

Keywords: dairy industry; milk production; dairy products; United States

632. *Organic Milk Processing Feasibility Study, "A Catalyst for Thought"*, by Ray Hammarlund. Topeka?: Kansas Department of Commerce, Agriculture Marketing Division, 2003. *Note*: Posted by Agricultural Marketing Research Center, Iowa State University

Available online:

<http://www.agmrc.org/dairy/reports/organicmilkprocessing.pdf> (accessed September 10, 2004)

Keywords: milk production; food processing; marketing; Kansas

633. "US Organic Dairy: The Processor's Perspective," by N. Hirshberg. *Bulletin of the International Dairy Federation* 347 (2000): 12-15. [NAL Call #: 44.9 In82B]

Keywords: dairy industry; marketing channels; dairy farming; food processing; consumer economics; United States

634. "Value Added Milks," by T. O'Sullivan. *Milk Industry* 92, no. 8 (1990): 22-25. [NAL Call #: 44.8 M593]
Keywords: dairy products; milk; food processing; marketing; United Kingdom

635. "Vanilla Goes Organic," by R. Robinson. *Dairy Field* 180, no. 7 (1997) [NAL Call #: 389.8 Ic2]
Keywords: dairy products; milk; food processing; ingredients

Dairy Cattle Production – Food Quality

636. "Animal Health and Pre-Harvest Food Safety in Organic Dairy Farming," by C. Micheal and M. V. B. O'Mahony. In *Food Safety Assurance and Veterinary Public Health, Volume 1: Food Safety Assurance in the Pre-Harvest Phase*, edited by F. J. M. Smulders and J. D. Collins, pp. 306-308. Wageningen, Netherlands: Wageningen Academic Publishers, 2002.
Keywords: animal health; animal welfare; food safety; dairy farming; drug resistance

637. "Characterization of Alternatively Produced Milk," by P. Lund. *Milchwissenschaft* 46, no. 3 (1991): 166-169. [NAL Call #: 44.8 M5933]
Keywords: milk composition; milk quality; food safety; milk; comparisons

638. "Characterization of Organic Milk," by P. Lund. *Brief Communications of the XXIII International Dairy Congress, Montreal, October 8-12, 1990 I* (1990): 62.
Keywords: milk composition; milk quality; food safety; milk; comparisons

639. "Comparative Studies Concerning Milk-Production, Composition, and Hygienic Status of Raw Milk in Conventional as Well as Biological Dairy-Herds," by M. Schuh, A. Nagele, and G. Schoder. In *Proceedings of the Third IDF International Mastitis Seminar, Tel Aviv, Israel, 28 May-1 June 1995*, edited by A. Saran and S. Soback, pp. s-3, 74-75. Beit-Dagan, Israel: National Mastitis Reference Center, 1995.
Keywords: milk composition; milk quality; food safety; milk; comparisons; animal health; dairy farming; milk production

640. "Comparing Milk Components and Quality on Some Organic and Conventional Dairy Farms in Quebec," by G. Allard et al. In *Multi-Function Grasslands: Quality Forages, Animal Products and Landscapes: Proceedings of the 19th General Meeting of the European Grassland Federation, La Rochelle, France, 27-30 May 2002*, edited by J. L. Durand et al., pp. 544-545. Versailles Cedex, France: Organizing Committee of the European Grassland Federation, 2002.
Keywords: dairy farming; milk; milk composition; milk quality; comparisons; Canada; Quebec

641. "Comparison of Antimicrobial Susceptibility of *Staphylococcus Aureus* Isolated From Bulk Tank Milk

in Organic and Conventional Dairy Herds in the Midwestern United States and Denmark," by K. Sato et al. *Journal of Food Protection* 67, no. 6 (2004): 1104-1110. [NAL Call #: 44.8 J824]
Keywords: milk; milk quality; food safety; bacteria; comparisons; United States; Denmark

642. "A Comparison of Antimicrobial Susceptibility Patterns for *Staphylococcus Aureus* in Organic and Conventional Dairy Herds," by L. L. Tikofsky et al. *Microbial Drug Resistance* 9 (Supp 1) (2003): S39-45.
Keywords: milk; milk quality; food safety; bacteria; dairy farming; comparisons

643. "Comparison of Prevalence and Antimicrobial Susceptibilities of *Campylobacter* Spp Isolates From Organic and Conventional Dairy Herds in Wisconsin," by K. Sato et al. *Applied and Environmental Microbiology* 70, no. 3 (2004): 1442-1447. [NAL Call #: 448.3 Ap5]
Keywords: dairy farming; dairy products; food safety; animal health; comparisons; antibiotic resistance; dairy cattle

644. "Composition of Raw Milk From Sustainable Production Systems," by P. Toledo, A. Andren, and L. Bjorck. *International Dairy Journal* 12, no. 1 (2002): 75-80. [NAL Call #: SF221.I57]
Keywords: dairy farming; milk; milk composition; milk quality; comparisons; Sweden

645. "Conjugated Linoleic Acid in Milk Fat: High Variation Depending on Production System," by G. Jahreis, J. Fritsche, and H. Steinhart. *Nutrition Research* 17, no. 9 (1997): 1479-1484. [NAL Call #: QP141.A1N88]
Keywords: comparisons; milk composition; milk quality; dairy cows; feeding; grazing; silage; seasonal variation; linoleic acid

646. "Content of Beta-Carotene in Organic Milk," by P. Toledo and A. Andren. *Journal of Food, Agriculture and Environment* 1, no. 2 (2003): 122-125. [NAL Call #: S494.5.S86 F663]
Keywords: dairy cows; grazing; milk; milk composition; milk production; milk quality; pasture management

647. "Does Organic Food Taste Better? A Claim Substantiation Approach," by L. Fillion and S. Arazi. *Nutrition and Food Science* 32, no. 4 (2002): 153-157. [NAL Call #: TX341 .N825]
Keywords: consumer economics; milk; food quality
648. "Effect of Altering the Daily Herbage Allowance to Cows in Mid Lactation on the Composition, Ripening and Functionality of Low-Moisture, Part-Skim Mozzarella Cheese," by T. P. Guinee et al. *Journal of Dairy Research* 65, no. 1 (1998): 23-30. [NAL Call #: 44.8 J823]
Keywords: dairy cows; milk composition; cheesemaking; forage; Irish Republic
649. "The Effect of Diet on the Milk Quality of Organic Dairy Cows," by Richard F. Weller and Robert Davies. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 197-198. Aberystwyth: Organic Centre Wales, 2002. Available online:
<http://www.organic.aber.ac.uk/library/Effect%20of%20diet%20on%20milk%20quality.pdf> (accessed September 10, 2004)
Keywords: dairy cows; milk production; milk quality; milk yield; forage; feeds
650. "Effect of Silymarin and Its Phospholipid Complex Against AFM1 Excretion in an Organic Dairy Herd," by D. Tedesco et al. *Milchwissenschaft* 58, no. 7-8 (2003): 416-419. [NAL Call #: 44.8 M5933]
Keywords: veterinary medicine; herbal medicines; milk production; milk quality; dairy cows
651. "Fat-Soluble Vitamin Contents and Fatty Acid Composition in Organic and Conventional Italian Dairy Products," by P. Bergamo et al. *Food Chemistry* 82, no. 4 (2003): 625-631. [NAL Call #: TX501.F6]
Keywords: dairy cows; buffaloes; dairy products; cheesemaking; milk composition; milk quality; Italy
652. "Model Studies on the Detectability of Genetically Modified Feeds in Milk," by R. E. Poms et al. *Journal of Food Protection* 66, no. 2 (2003): 304-310. [NAL Call #: 44.8 J824]
Keywords: milk production; milk quality; contaminants; dairy cattle; feeds; genetically modified organisms; traceability
653. "Organic Dairies - Mastitis and Milk Quality Challenges," by J. Barlow. In *Annual Meeting of the National Mastitis Council, Inc (40th)*, pp. 143-151. Madison, WI: The Council, 2001. *Note*: Paper: Meeting held on February 11-14, 2001, Reno, Nevada. [NAL Call #: SF967.M3N32]
Keywords: dairy farming; dairy cattle; milk quality; animal health
654. "Sensory Quality and Microbial Load of Milk Products From Organic Farming in Austria," by P. Zangerl and W. Ginzinger. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 298. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.
Keywords: milk; dairy products; milk quality; food safety; Austria
655. "Significance of Amount and Form of Dietary Selenium on Blood, Milk, and Casein Selenium Concentrations in Grazing Cows," by S. O. Knowles et al. *Journal of Dairy Science* 82, no. 2 (1999): 429-437. [NAL Call #: 44.8-J822]
Keywords: dairy cows; feeds; selenium; mineral supplements; milk; animal nutrition; New Zealand
656. "Somatic Cells Count, Protein Profile and Chemical Characteristics of Organic Goat Milk," by U. Bernabucci et al. *Scienza E Tecnica Lattiero Casearia* 53, no. 6 (2002): 445-459. [NAL Call #: 44.8 SCI2]
Keywords: goats; milk production; milk quality; milk composition; food safety; Italy

POULTRY PRODUCTION (Chickens, Turkeys, Ducks, Geese)

Poultry Production – Overview

657. *Growing Your Range Poultry Business: An Entrepreneur's Toolbox*, by Anne Fanatico and David Redhage. Butte, MT: National Center for Appropriate Technology (NCAT); Kerr Center for Sustainable Agriculture, 2002.

Available online: <http://attra.ncat.org/attra-pub/PDF/poultrytoolbox.pdf> (accessed September 10, 2004)

Keywords: poultry production; economics; pasture management; free-range husbandry; profitability; costs and returns; business management; farm budgets

658. *Natural and Organic Animal Production*, by Committee for Sustainable Agriculture. 1 sound cassette (90 min.) Colfax, CA; Seattle, WA: CSA; Distributed by Audio Productions, 1990. *Note:* "Ecological Farmer Conference 1990." Audiovisual; Sound Recording. [NAL Call #: Audiocassette no.149] Keywords: poultry; livestock production; United States

659. "Organic Broilers in the Netherlands," by T. B. Rodenburg, M. C. van de Hulst van Arkel, and R. P. Kwakkel. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the*

2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 139-144. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)

Keywords: poultry production; chickens; broilers; breeds; housing; food safety

660. *Organic Poultry Production: Final Report to MAFF: Contract Ref: CSA 3699*, by N. Lampkin et al. Aberystwyth: Welsh Institute of Rural Studies, 1997. [NAL Call #: HD9437.G72 O74 1997]

Keywords: poultry production; United Kingdom

661. "The Supply Chain and Conversion to Organic Farming in Belgium or the Story of the Egg and the Chicken," by E. Baecke et al. *British Food Journal* 104, no. 3-5 (2002): 163-174. [NAL Call #: 44.9 In82B 47.8 B77 389.8 B77]

Keywords: demand; eggs; farmers' attitudes; marketing; marketing channels; poultry; economics; chickens; comparisons; Belgium

Poultry Production – Animal Husbandry and Welfare

662. "The Compatibility of Domestic Birds with a Nonchemical Agroecosystem," by M. S. Clark et al. *American Journal of Alternative Agriculture* 10, no. 3 (1995): 114-121. [NAL Call #: S605.5.A43] Keywords: chickens; geese; free-range husbandry; animal behavior; forage; weed control; biological control; orchards

663. "Effects of Free-Range Chickens and Geese on Insect Pests and Weeds in an Agroecosystem," by M. S. Clark and S. H. Gage. *American Journal of Alternative Agriculture* 11, no. 1 (1996): 39-47. [NAL Call #: S605.5.A43]

Keywords: free-range husbandry; insect control; weed control; biological control; chickens; geese

664. *Free Range Poultry*, by K. Thear. 2nd ed. Ipswich, UK: Farming Press, 1997.

Keywords: housing; breeds; poultry; free-range husbandry; breeds; laws and legislation; United Kingdom

665. "Health and Welfare in Organic Poultry Production," by C. Berg. *Acta Veterinaria Scandinavica, Supplementum* 95 (supp.) (2001): 37-45.

Note: Paper: Veterinary Challenges in Organic Farming. Proceedings of the 14th Internordic Symposium of the Nordic Committee for Veterinary Scientific Cooperation (NKVet). Hveragerdi, Iceland, 5-8 October 2000. [NAL Call #: 11 AC82 SUPPL.] Keywords: animal health; poultry production; animal welfare; broilers; animal diseases; egg production; laying hens; meat production; veterinary medicine

666. "Nutrition Issues in Organic Poultry Systems," by A. Walker and S. Gordon. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 192-197. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.

Keywords: animal nutrition; poultry production; chickens; laying hens; egg production; broilers

667. *Organic Poultry*, by Julie Rawson and Natural Organic Farmers Association. 1 videocassette (90 min.) Barre, MA: Natural Organic Farmers Association, c1988. *Note:* VHS format. [NAL Call #: Videocassette no.614]

Keywords: poultry production; chickens; turkeys; ducks; geese; egg production; meat production; videocassette

668. *Poultry Health and Management: Chickens, Turkeys, Ducks, Geese and Quail*, by D. Sainsbury. 4th ed. UK: Blackwell Science, 2000.

Keywords: housing; game birds; poultry production; animal health; animal nutrition

669. "Protein Supply for Organic Poultry: Options and Short-Comings," by W. Zollitsch. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S.

Padel, pp. 153-160. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)

Keywords: animal nutrition; poultry production; feeds; laying hens; broilers

670. "Social Inhibition of Movement in Free-Range Domestic Fowl," by P. N. Grigor and B. O. Hughes. *Applied Animal Behaviour Science* 35, no. 3 (1993): 297-298. *Note*: Paper: Winter Meeting, International Society for Applied Ethology, Cambridge, UK, 4 December 1991. [NAL Call #: QL750.A6]

Keywords: poultry production; animal behavior; housing; free-range husbandry

Poultry Production – Veterinary Practice

671. "Effect and Repeatability of Ascaridia Galli Egg Output in Cockerels Following a Single Low Dose Infection," by M. Gaulty et al. *Veterinary Parasitology* 96, no. 4 (2001): 301-307. [NAL Call #: SF810.V4]

Keywords: animal health; poultry production; chickens; parasites; animal diseases; breeding; disease resistance

672. "The Effect of Stalosan F on Selected Poultry Parasites," by T. W. Schou and A. Permin. *Helminthologia* 40, no. 1 (2003): 15-21. [NAL Call #: 436.8 H36]

Keywords: veterinary medicine; poultry; laying hens; egg production; eggs; epidemiology; feeds; free-range husbandry; parasites; alternative medicine

673. "Effect of Vaccination Against Coccidiosis in Combination with an Antibacterial Oregano (*Origanum Vulgare*) Compound in Organic Broiler Production," by L. Waldenstedt. *Acta Agriculturae Scandinavica, Section A, Animal Science* 53, no. 2 (2003): 101-109. [NAL Call #: S3.A27]

Keywords: poultry production; broilers; animal diseases; feeds; feed conversion; herbal medicines; alternative medicine

674. "Efficacy of Crude Extract of Aloe Secundiflora Against Salmonella Gallinarum in Experimentally Infected Free-Range Chickens in Tanzania," by R. K. Waihenya et al. *Journal of Ethnopharmacology* 79, no. 3 (2002): 317-323. [NAL Call #: RS160.J6]

Keywords: veterinary medicine; poultry production; chickens; animal diseases; herbal medicines

675. *Healthy Free Range Hens: A Guide to Disease Control for the Free Range Egg Farmer*, by N. H. Christensen. Palmerston North, New Zealand: N. H.

Christensen, Faculty of Veterinary Science, 1995.

Keywords: veterinary medicine; poultry; laying hens; animal diseases; animal health; coccidiosis; helminths; parasites; free-range husbandry; New Zealand

676. "Investigation of the Parasitic Nematode Ascaridia Galli (Shrank 1788) as a Potential Vector for Salmonella Enterica Dissemination in Poultry," by M. Chadfield et al. *Parasitology Research* 87, no. 4 (2001): 317-325. [NAL Call #: QL757.P377]

Keywords: animal health; parasites; nematodes; laying hens; chickens; research; veterinary medicine

677. "Organic Broiler Production and Feather Pecking," by S. M. Haslam. *Veterinary Record* 150, no. 19 (2002): 615-616. [NAL Call #: 41.8 V641]

Keywords: poultry production; broilers; feather pecking

678. *The Poultry Doctor: Including the Homeopathic Treatment and Care of Chickens, Turkeys, Geese, Ducks and Singing Birds, Also a Materia Medica of the Chief Remedies*. Philadelphia: Boericke & Tafel, 1891. *Note*:

[NAL Call #: SF995.P595 1891]

Keywords: veterinary medicine; animal diseases; homeopathy; poultry; chickens; turkeys; geese; ducks

679. "Prevalence and Antimicrobial Susceptibility of Thermophilic Campylobacter in Organic and Conventional Broiler Flocks," by O. E. Heuer et al. *Letters in Applied Microbiology* 33, no. 4 (2001): 269-274. [NAL Call #: QR1.L47]

Keywords: poultry production; chickens; food safety; animal health; broilers; antibiotic resistance; comparisons

680. "Prevalence of the Poultry Red Mite, *Dermanyssus Gallinae*, in Different Types of Production Systems for Egg Layers in Sweden," by J. Hoglund, H. Nordenfors, and A. Ugglä. *Poultry Science* 74, no. 11 (1995): 1793-1798. [NAL Call #: 47.8 Am33P]
Keywords: veterinary medicine; poultry; laying hens; comparisons; parasites; mites; free-range husbandry; housing; Sweden

681. "Rearing Broilers without Coccidiostats," by C. Ekstrand et al. In *Proceedings of the 8th International Congress on Animal Hygiene, St Paul, Minnesota, USA, 12-16 September 1994*, pp. HP67-HP70. International Society for Animal Hygiene, 1994.
Keywords: veterinary medicine; feeds; coccidiosis; poultry; broilers; parasites; comparisons; Sweden

Poultry Production – Economic Issues

682. *5000 Free Range, Organic Layers - Lower Mainland* (BCMAFF Planning for Profit). Victoria: British Columbia, Ministry of Agriculture, Food and Fisheries, 2002.
Available online:
http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/poultry/organic_eggs_2002.pdf (accessed September 10, 2004)
Keywords: egg production; poultry production; costs and returns; economics; farm budgets

Keywords: costs and returns; economics; chickens; eggs; egg production; comparisons; free-range husbandry; direct marketing; United Kingdom

683. "Costs and Returns From Egg Production," by D. Roberts. *Farm Management* 8, no. 10 (1994): 466-475. [NAL Call #: S560.F37]

684. "Studies on Cost Factors and Economy of Production of White Leghorn Miri Birds and Their Cross Under Litter, Cage and Free Range System of Management," by K. K. Dutta. *Indian Journal of Animal Production and Management* 14, no. 4 (1998): 206-208. [NAL Call #: SF55.I4153]
Keywords: costs; eggs; egg production; economics; economic analysis; poultry; housing; free-range husbandry; comparisons; India

Poultry Production – Marketing

685. *Consumer Preferences for Organic/Free Range Chicken*, by Liz Neufeld. Manhattan: Kansas State University, 2002. *Note*: Posted by Agricultural Marketing Research Center, Iowa State University; Paper based on Masters Thesis, KSU Department of Agricultural Economics
Available online:
<http://www.agmrc.org/poultry/info/ksufreerangech.pdf> (accessed September 10, 2004)
Keywords: chicken meat; poultry production; free-range husbandry; consumer economics; marketing; surveys; Kansas

687. "Organic Egg Production: Consumer Perceptions," by C. Stopes, R. Duxbury, and R. Graham. In *Organic Livestock Farming: Papers Presented at a Conference Held at the Heriot Watt University, Edinburgh and at the University of Reading, UK, 9 and 10 February 2001*, edited by D. Younie and J. M. Wilkinson, pp. 177-179. Lincoln, UK: Chalcombe Publications, 2001.
Keywords: consumer economics; egg production; eggs; chickens; marketing; free-range husbandry; United Kingdom

686. *Niche and Organic Chicken Products: Their Technology and Scientific Principles*, by S. H. Gordon and D. R. Charles. Nottingham, UK: Nottingham University Press, 2002. [NAL Call #: SF487 .G67 2002]
Keywords: poultry; chickens; breeding; marketing

688. "Ten Years of Organic Meat Marketing - a Personal Experience," by R. W. Kennard. *Leatherhead Food Research Journal* 3, no. 1 (2000): 9-15.
Keywords: meat quality; chicken meat; poultry production; marketing; comparisons; case studies; consumer economics

Poultry Production – Processing

689. *Feasibility Study For Energy Efficient On-Farm Poultry & Small Ruminant Processing Plants*. Oneonta, NY: Center for Agricultural Development & Entrepreneurship, no date. *Note*: A NYSERDA-funded study

Available online:
<http://www.cadefarms.org/pdf/Feasibility%20Study.pdf> (accessed September 10, 2004)
Keywords: poultry production; chickens; lambs; goats; slaughter; meat processing

Poultry Production – Food Quality

690. "Broken Bones in Domestic Fowls: Effect of Husbandry System and Stunning Method in End-of-Lay Hens," by N. G. Gregory et al. *British Poultry Science* 31, no. 1 (1990): 59-69. [NAL Call #: 47.8 B77]
Keywords: comparisons; laying hens; slaughter; animal health; animal injuries
691. "Carcass Value and Meat Quality of Slow Growing Broiler Lines According to Ecological Standards," by M. Ristic and K. Damme. *Tehnologija Mesa* 43, no. 3-6 (2002): 260-268. [NAL Call #: TS1950.T4]
Keywords: poultry production; carcass quality; chicken meat; feeds; breeds; meat quality; meat composition
692. "Chemical Composition of Chicken Meat From Free Range and Extensive Indoor Rearing," by A. Holcman et al. *Archiv Fur Geflugelkunde* 67, no. 3 (2003): 120-124. [NAL Call #: 47.8 AR2]
Keywords: poultry; chickens; carcass quality; free-range husbandry; meat quality; meat composition
693. "A Comparison of Eggshell Structure From Birds Housed in Conventional Battery Cages and in a Modified Free Range System," by A. C. Fraser and M. M. Bain. In *Proceedings 9th European Poultry Conference, Glasgow, UK, 7-12 August 1994: Volume 1: Plenary Papers and Contributed Papers 1994*, pp. 151-152. Andover, UK: WPSA (United Kingdom Branch), 1994.
Keywords: housing; chickens; free-range husbandry; eggs; egg shell quality; comparisons
694. "Content of Some Mineral Elements in Eggs From Farms and Free Range," by V. Stibilj, D. Tercic, and A. Holcman. *Acta Agraria Kaposvariensis* 6, no. 2 (2002): 139-145. *Note:* Paper: Proceedings of the 10th international symposium "Animal science days". Environment friendly and EU conform animal husbandry, Hungary, 16-18 October 2002.
Keywords: housing; egg composition; eggs; free-range husbandry; laying hens; poultry
695. "Effect of Organic Production System on Broiler Carcass and Meat Quality," by C. Castellini, C. Mugnai, and A. dal Bosco. *Meat Science* 60, no. 3 (2002): 219-225. [NAL Call #: TX373.M4]
Keywords: broilers; chickens; carcass quality; meat quality; poultry production
696. "EGG TraceBase(R): Egg-Ingredients with Information," *European Food & Drink Review Spring* (2002): 58-61.
- Keywords: poultry production; eggs; food quality; traceability; Europe
697. "Fatty Acid Composition and Egg Components of Specialty Eggs," by G. Cherian, T. B. Holsonbake, and M. P. Goeger. *Poultry Science* 81, no. 1 (2002): 30-33. [NAL Call #: 47.8 Am33P]
Keywords: poultry production; laying hens; egg quality; egg production; egg composition; comparisons
698. "Fatty Acid Composition, Antioxidants and Lipid Oxidation in Chicken Breasts From Different Production Regimes," by K. Jahan, A. Paterson, and C. M. Spickett. *International Journal of Food Science & Technology* 39, no. 4 (2004): 443-453. [NAL Call #: TP368.J6]
Keywords: chicken meat; poultry production; meat composition; comparisons
699. "Incidence, Number, and Serotypes of Salmonella on Frozen Broiler Chickens at Retail," by A. I. Izat, J. M. Kopek, and J. D. McGinnis. *Poultry Science* 70, no. 6 (1991): 1438-1440. [NAL Call #: 47.8 Am33P]
Keywords: chicken meat; food safety; bacteria; comparisons; meat quality-
700. "May Organically Farmed Animals Pose a Risk for Campylobacter Infections in Humans?," by A. Engvall. *Acta Veterinaria Scandinavica, Supplementum* 95 (supp.) (2001): 85-87. [NAL Call #: 11 AC82 SUPPL.]
Keywords: poultry production; chickens; broilers; animal diseases; food safety
701. "Meat Quality of Three Chicken Genotypes Reared According to the Organic System," by C. Castellini, C. Mugnai, and A. dal Bosco. *Italian Journal of Food Science* 14, no. 4 (2002): 401-412. [NAL Call #: TX511.F62]
Keywords: chicken meat; meat production; meat quality; poultry; breeding; comparisons
702. "Poultry Abattoir Survey of Carcass Condemnation for Standard, Vegetarian, and Free Range Chickens," by D. Herenda and O. Jakel. *Canadian Veterinary Journal* 35, no. 5 (1994): 293-296. [NAL Call #: 41.8 R3224]
Keywords: chickens; broilers; animal health; meat quality; carcass quality; slaughter; animal diseases; comparisons
703. "Shell Strength of Eggs From Medium-Bodied Hybrid Hens Housed in Cages or on Range in Outside Pens," by B. O. Hughes, P. Dun, and C. C. McCorquodale. *British Poultry Science* 26, no. 1

(1985): 129-136. [NAL Call #: 47.8 B77]
Keywords: egg shell quality; housing; eggs; poultry; laying hens; comparisons

704. "Studies on Egg Weight, Feed Requirement Per Dozen of Egg and Yolk Colour of the Miri Birds of Assam, White Leghorn and Their Cross, Managed on Litter, Cage and Free Range System of Management," by K. K. Dutta. *Indian Veterinary Journal* 70, no. 2 (1993): 142-144. [NAL Call #: 41.8 IN2]
Keywords: egg composition; eggs; egg quality; breeds;

feeds; housing; poultry; laying hens; comparisons; India

705. "Studies on the Composition of Food 5 The Chemical Composition of Eggs Produced Under Battery, Deep Litter and Free Range Conditions," by A. Tolan et al. *British Journal of Nutrition* 31, no. 2 (1974): 185-200. [NAL Call #: 389.8 B773]
Keywords: egg composition; nutrient content; housing; eggs; poultry; laying hens; comparisons

Poultry Production – Broilers – Animal Husbandry and Welfare

706. "An Alternative to Antibiotic-Based Drugs in Feed for Enhancing Performance of Broilers Grown on Eimeria Spp-Infected Litter," by V. G. Stanley et al. *Poultry Science* 83, no. 1 (2004): 39-44. [NAL Call #: 47.8 Am33P]
Keywords: poultry production; broilers; feeds; bedding; animal health; alternative medicine; microorganisms

707. "Botanical Broilers: Plant Extracts to Maintain Poultry Performance," by L. Tucker. *Feed International* 23, no. 9 (2002): 26-29.
Keywords: poultry production; broilers; feeds; animal health

708. *Chicken Tractor: The Gardener's Guide to Happy Hens and Healthy Soil*, by Andrew W. Lee. Shelburne, VT: Good Earth Publications, c1994. [NAL Call #: SF487.L44 1994]
Keywords: chickens; poultry production; housing; pasture management

709. *Chicken Tractor: The Permaculture Guide to Happy Hens and Healthy Soil*, by Andrew W. Lee and Patricia Foreman. All new straw bale ed. Buena Vista, VA: Good Earth Publications, c2002. [NAL Call #: SF487 .L44 2002]
Keywords: chickens; poultry production; housing; pasture management

710. "Comparison of the Behaviour of Broiler Chickens in Indoor and Free-Range Environments," by C. A. Weeks et al. *Animal Welfare* 3, no. 3 (1994): 179-192. [NAL Call #: HV4701.A557]
Keywords: poultry production; free-range husbandry; animal behavior; broilers; housing; comparisons

711. *Day Range Poultry: Every Chicken Owner's Guide to Grazing Gardens and Improving Pastures*, by A. Lee and P. Foreman. Buena Vista, VA: Good Earth Publications, 2001.
Keywords: poultry production; farming systems; chickens; pasture management

712. "Free-Range Poultry," by D Geissal. *Small Farm Today* 13, no. 3 (1996): 20-21. [NAL Call #: S1.M57]
Keywords: poultry production; chickens; pasture management

713. "From Milk to 'the Meat of the Future'," by P. Slattery. *New Farm* 10, no. 2 (1988): 18-21. [NAL Call #: S1.N32]
Keywords: chickens; poultry; animal health; Wisconsin

714. "Health in Free-Range Chickens - Facts and Fairy Tales," by M. Bestmann. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:
http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)
Keywords: poultry production; chickens; free-range husbandry; animal health; housing; comparisons

715. "Identification on Commercialized Products of AFLP Markers Able to Discriminate Slow- From Fast-Growing Chicken Strains," by O. Fumiere et al. *Journal of Agricultural and Food Chemistry* 51, no. 5 (2003): 1115-1119. [NAL Call #: 381 J8223]
Keywords: poultry production; chickens; breeds; meat quality

716. "Influence of Beta-Mannase on Broiler Performance, Digestibility, and Intestinal Fermentation," by I. Ouhida et al. *Journal of Applied Poultry Research* 11, no. 3 (2002): 244-249. [NAL Call #: SF481.J68]
Keywords: poultry production; broilers; feeds; animal nutrition

717. "Integration of Organic Poultry in Whole Farm Systems: Manure Nutrient Budgets," by Susan H. Gordon, Anne Bhogal, and Andrew W. Walker. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 237-242. Aberystwyth: Organic Centre Wales, 2002.
Available online:
<http://www.organic.aber.ac.uk/library/Poultry%20in%20whole%20farm%20systems.pdf> (accessed September 10, 2004)
Keywords: poultry production; rotations; manures; nutrient management; feeds; nitrogen

718. "Management Factors Affecting the Use of Pasture by Table Chickens in Extensive Production Systems," by Susan Gordon and Michael J. Forbes. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 269-272. Aberystwyth: Organic Centre Wales, 2002.
Available online:
<http://www.organic.aber.ac.uk/library/Use%20of%20pasture%20by%20table%20chickens.pdf> (accessed September 10, 2004)
Keywords: poultry production; chickens; pasture management; housing

719. "Nutrient Balances as Indicators for Sustainability of Broiler Production Systems," by S. Kratz et al. *British Poultry Science* 45, no. 2 (2004): 149-157. [NAL Call #: 47.8 B77]
Keywords: veterinary medicine; poultry production; broilers; comparisons; environmental impact; nutrient management

720. *Organic Poultry - Meat Birds*, by Roger Henry (Maritime Certified Organic Growers Organic Profiles). Sackville, NB: Atlantic Canadian Organic Regional Network, 2002.
Available online:
<http://www.acornorganic.org/pdf/poultrymeatprofile.pdf> (accessed September 10, 2004)
Keywords: poultry production; chickens; chicken meat

721. "Organic Poultry Meat Production," by P. Challands and D. Lanning. In *Handbook of Organic Food Processing and Production*, by S. Wright and D. McCrea, pp. 106-121. 2nd ed. Oxford, UK: Blackwell Science, 2000.
Keywords: poultry production; animal welfare; feeds; marketing; meat production; housing; predators; laws and legislation; breeds; organic transition; animal health

722. *Pastured Poultry: An HPI Case Study Booklet*, by Anne Fanatico. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service; Heifer

Project International (HPI), 2000? *Note:* Guide and summary of the "Integrating Pastured Poultry into the Farming Systems of Limited Resource Farmers" project, conducted from 1996-99 by NCAT and Heifer Project International (HPI). Grant #LS96-79, USDA's Southern Region Sustainable Agriculture Research and Education (SARE) program.
Available online: <http://attra.ncat.org/attra-pub/PDF/pasturedpoultry.pdf> (accessed September 10, 2004)
Keywords: poultry production; pasture management; chickens; housing; case studies

723. *Pastured Poultry Profits*, by Joel Salatin. Swoope, VA: Polyface (Chelsea Green Publishing, distributor), 1996.
Keywords: poultry production; chickens; pasture management; grazing

724. "Performance and Behaviour of Chickens with Different Growing Rate Reared According to the Organic System," by C. Castellini et al. *Italian Journal of Animal Science* 1, no. 4 (2002): 291-300. [NAL Call #: SF1 .I83]
Keywords: poultry production; chickens; animal behavior; carcass quality; feed conversion; breeds

725. *Pilot Studies in Organic Broiler Production - Management and Cross-Breeds*, by Arnd Bassler and Paul Ciszuk (Ecological Agriculture 34). Uppsala: Center for Sustainable Agriculture, Swedish University of Agricultural Sciences, 2002.
Available online:
<http://www.cul.slu.se/information/publik/ekolantbruk34.pdf> (accessed September 10, 2004)
Keywords: poultry production; broilers; breeds; pasture management; forage; meat production; Sweden

726. *The Power of Duck: Integrated Rice and Duck Farming*, by Takao Furuno. Tasmania, Australia: Tagari Publications, 2001.
Keywords: ducks; poultry production; case studies; rice; farming systems

727. *Profitable Poultry: Raising Birds on Pasture*. Beltsville, MD: Sustainable Agriculture Network, 2002.
Available online:
<http://www.sare.org/publications/poultry.htm> (accessed September 10, 2004)
Keywords: pasture management; poultry production; chickens; case studies

728. *Raising Organic Pasture Poultry*, by Keri Sharpe. Edmonton: Alberta Agriculture, Food and Rural Development, 2000. *Note:* Extension publication.
Available online:
[http://www1.agric.gov.ab.ca/\\$department/deptdocs.nsf/all/agdex870?opendocument](http://www1.agric.gov.ab.ca/$department/deptdocs.nsf/all/agdex870?opendocument) (accessed September 10,

2004)

Keywords: poultry production; chickens; pasture management; Canada

729. *Range Poultry Housing*, by Robert Plamondon, edited by Anne Fanatico, Richard Earles, and Lance Gegner. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2003. Available online: <http://attra.ncat.org/attra-pub/poulthous.html> (accessed September 10, 2004)
Keywords: housing; poultry production; chickens

730. "Selection Criteria for Free Range Broilers Including Quantitative Traits and Molecular Markers," by J. Melo et al. In *Proceedings of the 7th World Congress on Genetics Applied to Livestock Production, Montpellier, France, August, 2002 Session 4*, pp. 0-4. Montpellier, France: Institut National de la Recherche Agronomique (INRA), 2002.
Keywords: poultry production; broilers; carcass quality; breeding

731. *Sustainable Poultry: Production Overview*, by Anne Fanatico. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2002. Available online: <http://attra.ncat.org/attra-pub/poultryoverview.html> (accessed September 10, 2004)

Keywords: pasture management; housing; poultry production; chickens; free-range husbandry

732. "Thermal Resistance of Chicken (*Gallus Domesticus*) Plumage: A Comparison Between Broiler and Free-Range Birds," by J. M. Ward et al. *British Poultry Science* 42, no. 5 (2001): 558-563. [NAL Call #: 47.8 B77]

Keywords: poultry production; animal behavior; free-range husbandry; feathers; broilers

733. "What Makes Free-Range Broiler Chickens Range? In Situ Measurement of Habitat Preference," by M. S. Dawkins et al. *Animal Behaviour* 66, no. 1 (2003): 151-160. [NAL Call #: 410 B77]

Keywords: poultry production; animal welfare; animal behavior; broilers; feed conversion; free-range husbandry; comparisons

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734. "Integrating Layer Chickens into a Certified Organic Raspberry and Vegetable Farm," by Fred Reid. In *Proceedings of the 14th IFOAM Organic World Congress: Cultivating Communities, Victoria, British Columbia, Canada, 21-28 August, 2002*, edited by Robert Thompson, pp. 80. Ottawa: Canadian Organic Growers (COG), 2004.

Keywords: laying hens; farming systems; poultry production

735. "Egg Production in Alternative Systems - a Review of Recent Research in the UK," by J. A. Hill. *Research and Development in Agriculture* 3, no. 1 (1986): 13-18. [NAL Call #: S539.5.R473]

Keywords: research; farming systems; housing; laying hens; free-range husbandry; economics; costs; animal welfare; egg production; livestock production; poultry; comparisons; United Kingdom

736. "Animal Welfare and Genetics in Organic Farming of Layers: The Example of Cannibalism," by P. Koene. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 62-85. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.

Keywords: breeding; chickens; laying hens; egg production; animal behavior; animal welfare; cannibalism

737. "Breeding Strategies in Poultry for Genetic Adaptation to the Organic Environment," by P. Sorensen. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 51-61. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.

Keywords: breeding; chickens; laying hens; egg production; free-range husbandry

738. "A Chicken in Every Backyard," by G. Logsdon. *Organic Gardening* 48, no. 6 (2001): 20-24. [NAL Call #: S605.5.O74]

Keywords: chickens; egg production; housing; gardens

739. "Developing a Welfare Assessment System for Use in Commercial Organic Egg Production," by L. Hegelund, J. T. Sorensen, and N. F. Johansen. In *Proceedings of the 2nd International Workshop on the Assessment of Animal Welfare at Farm and Group Level, University of Bristol, UK, 4-6 September 2002*, edited by A. J. F. Webster and D. C. J. Main, pp. 649-653 2003.

Keywords: animal behavior; livestock production; animal welfare; egg production; poultry; Denmark

740. "Effect of Artificial Structuring on the Use of Laying Hen Runs in a Free-Range System," by E. Zeltner and H. Hirt. *British Poultry Science* 44, no. 4 (2003): 533-537. [NAL Call #: 47.8 B77]

Keywords: free-range husbandry; laying hens; poultry; housing

741. "Farm Level Factors Associated with Feather Pecking in Organic Laying Hens," by M. W. P. Bestman and J. P. Wagenaar. *Livestock Production Science* 80, no. 1/2 (2003): 133-140. *Note*: EAAP Publication 1-2003. [NAL Call #: SF1.L5]

Keywords: poultry production; animal behavior; feather pecking; laying hens; housing; Netherlands

742. "The Fear Levels After Transport of Hens From Cages and a Free-Range System," by G. B. Scott, B. J. Connell, and N. R. Lambe. *Poultry Science* 77, no. 1 (1998): 62-66. [NAL Call #: 47.8 Am33P]

Keywords: poultry production; laying hens; animal welfare; free-range husbandry; animal behavior; housing

743. "Feather Pecking and Cannibalism in Free-Range Laying Hens as Affected by Genotype, Dietary Level of Methionine + Cystine, Light Intensity During Rearing and Age at First Access to the Range Area," by J. B. Kjaer and P. Sorensen. *Applied Animal Behaviour Science* 76, no. 1 (2002): 21-39. [NAL Call #: QL750.A6]

Keywords: laying hens; free-range husbandry; animal health; feeds; feather pecking; cannibalism; breeds; animal behavior; laws and legislation; animal welfare

744. "Homes Fit for Hens," by C. Nicol and M. S. Dawkins. *New Scientist* 125, no. 1708 (1990): 46-47, 50-51. [NAL Call #: 472 N42]

Keywords: poultry production; laying hens; free-range husbandry; housing; animal welfare

745. "Housing Systems for Layers and Egg Quality," by Z Pavlovski, S. Hopic, and M. Lukic. *Biotechnology in Animal Husbandry* 17, no. 5/6 (2001): 197-201.

Note: Paper: Biotechnology in animal husbandry. VI international symposium systems of animal breeding and economics of animal production at the beginning of the new millennium, Belgrade, Yugoslavia, 2-5 October, 2001.

Keywords: housing; egg quality; egg composition; egg shell quality; free-range husbandry; laying hens; poultry

746. "How to Motivate Laying Hens to Use the Hen Run," by E. Zeltner. In *Organic Livestock Farming*:

Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 161-167. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_SAFO_pro.pdf (accessed September 10, 2004)

Keywords: laying hens; housing; animal behavior

747. "Increased Mortality on a Free-Range Layer Site," by T. Crawshaw and S. Young. *Veterinary Record* 153, no. 21 (2003): 664. [NAL Call #: 41.8 V641]

Keywords: poultry production; animal diseases; egg production; epidemiology; free-range husbandry; laying hens; United Kingdom

748. "Intensive and Extensive Laying Systems Compared," *Poultry International* 23, no. 1 (1984): 70-71. [NAL Call #: 47.8 P8698]

Keywords: poultry production; housing; egg production; free-range husbandry; comparisons; United Kingdom

749. "Laying Hen Husbandry: Effect of Run Management on Turf Quality," by V. Maurer, H. Hirt, and P. Hordegen. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 368. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: laying hens; poultry production; housing; pasture management

750. "Laying Hen Husbandry: Group Size and Use of Hen-Runs," by H. Hirt, P. Hordegen, and E. Zeltner. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 363. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: poultry production; laying hens; housing

751. "Low Incidence of Aggression in Large Flocks of Laying Hens," by B. O. Hughes et al. *Applied Animal Behaviour Science* 54, no. 2/3 (1997): 215-234. [NAL Call #: QL750.A6]

Keywords: poultry production; laying hens; animal behavior; free-range husbandry

752. "Management of Laying Hens in Mobile Houses - A Review of Experiences," by A. Bassler, P. Ciszuk, and K. Sjelin. *Ecological Animal Husbandry in the*

Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 45-50. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: poultry production; laying hens; housing; parasites; feeds

753. "Native Breeds of Layers Suitable for Organic Farming," by Benko K. Cywa. *World Poultry* 16, no. 10 (2000): 38-41. [NAL Call #: SF481.M54]

Keywords: breeds; chickens; laying hens; egg production; Poland

754. "Non-Commercial Hen Breed Tested in Organic System," by P. Sorensen and J. B. Kjaer. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 59-63. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: poultry production; breeds; animal behavior; cannibalism; egg production; laying hens; Denmark

755. "The Nutrition of Free Range Layers," by J. Portsmouth. *World Poultry* 16, no. 6 (2000): 16-18. [NAL Call #: SF481.M54]

Keywords: poultry production; laying hens; free-range husbandry; feeds; animal nutrition

756. *Organic Poultry - Eggs*, by Roger Henry (Maritime Certified Organic Growers Organic Profiles). Sackville, NB: Atlantic Canadian Organic Regional Network, 2002.

Available online:

<http://www.acornorganic.org/pdf/poultryeggsprofile.pdf> (accessed September 10, 2004)

Keywords: egg production; poultry production; laying hens; Canada

757. "Performance of Free-Range Laying Hens in a Polythene House and Their Behaviour on Range," by L. J. Keeling, B. O. Hughes, and P. Dun. *Farm Building Progress* 94 (1988): 21-28.

Keywords: poultry production; housing; free-range husbandry; egg production; animal behavior

758. "Poultry Species in Risk of Extinction: Possibility of Free-Range Management, and First Generation

Cross-Breeding on Farms," by M. Arduin, M. Baruchello, and F. Panella. In *Recent Progress in Animal Production Science, 1: Proceedings of the ASPA XIII Congress, Piacenza, Italy, 21-24 June, 1999*, edited by G. Piva et al., pp. 191-193. Milano, Italy: FrancoAngeli srl., 1999.

Keywords: free-range husbandry; breeds; breeding; egg production; poultry; Italy

759. "Protection in Cages Is a Key Factor in Welfare Trials," by D. Jee. *Poultry World* 137, no. 48 (1983): 10-11. [NAL Call #: 47.8 P8682]

Keywords: poultry production; housing; free-range husbandry; animal welfare; laying hens; animal behavior; comparisons

760. "The Role of Management and Housing in the Prevention of Feather Pecking in Laying Hens," by M. W. P. Bestman. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 79-88.

Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Available online:

<http://www.veeru.reading.ac.uk/organic/ProceedingsFI NAL.pdf> (accessed September 10, 2004)

Keywords: poultry production; animal behavior; animal welfare; animal diseases; feather pecking; laying hens; housing

761. "Seasonal Effects on Free Range Egg Production," by I. A. Bogdanov. *Misset World Poultry* 13, no. 6 (1997): 47,49. [NAL Call #: SF481.M54]

Keywords: poultry production; egg production; free-range husbandry

762. "Study of the Individual Feed Choice in a Group of Hens Using an Automatic Registration System," by Christine Burel et al. *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 51-58. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: poultry production; laying hens; feeds

763. "Welfare of Laying Hens in the European Union," by M. Ring. *Pluimvee Poultry Bulletin* November (1999): 604-608.

Keywords: laying hens; poultry; egg production; animal welfare; Europe

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Swine Production – Overview

764. “Conversion of Specialised Pig Farms and the Implications on Nutrient and Economic Balance,” by A. Sundrum and A. Trangolao. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 371. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.
Keywords: animal nutrition; feeds; swine; economics; soil quality; organic transition

765. *Current Status of U.S. Organic Livestock Production with a Focus on Swine*, by W. R. Tomahawk and M. S. Honeyman (ISU Swine Research Report, ASL-R674). Ames, IA: Iowa State University, 2000.

Available online:
<http://www.ipic.iastate.edu/reports/00swinereports/asl-674.pdf> (accessed September 10, 2004)
Keywords: swine production; Iowa

766. “The Extensive Pig Farming System in Mountainous Regions of Greece,” by S. G. Deligeorgis et al. In *Livestock Farming Systems: Integrating Animal Science Advances into the Search for Sustainability: Proceedings of the Fifth International Symposium on Livestock Farming Systems, Posieux, Fribourg, Switzerland, 19-20 August, 1999*, edited by D. Gagnaux and J. R. Poffet, pp. 113-115. Wageningen, Netherlands: Wageningen Pers, 2000.
Keywords: farming systems; swine; sows; animal diseases; carcass quality; meat quality; Greece

767. “Lean Pork, Low Overhead: Pasturing Pigs Lets This Couple Capitalize on Quality,” by C. Shirley. *New Farm* 15, no. 7 (1993): 20-24, 58. [NAL Call #: S1.N32]
Keywords: swine; grazing; pasture management; meat quality

768. “Livestock-Biogas-Fruit Systems in South China,” by Rongjun Chen. *Ecological Engineering* 8, no. 1 (1997): 19-29.
Keywords: farming systems; livestock production; waste utilization; swine; pigs; manures; China

769. “Modelling Risk, Trade, Agricultural and Environmental Policies to Assess Trade-Offs Between Water Quality and Welfare in the Hog Industry,” by M. Savard. *Ecological Modelling* 125, no. 1 (2000): 51-66.
Keywords: swine; swine; laws and legislation; environmental impact; nutrient management; livestock production; water quality; animal welfare; models; Quebec

770. “Organic Pig Production,” by A. Martins. In *Organic Livestock Farming: Papers Presented at a Conference Held at the Heriot Watt University, Edinburgh and at the University of Reading, UK, 9 and 10 February 2001*, edited by D. Younie and J. M. Wilkinson, pp. 159-176. Lincoln, UK: Chalcombe Publications, 2001.
Keywords: feeds; business management; marketing; breeds; swine; profitability; farm budgets; United Kingdom

771. “Pigs in Organic Farming,” by M. A. S. Bates. *Soil Association* 2, no. 7 (1974): 13. [NAL Call #: S605.5.S6]
Keywords: swine production

772. *Threats and Opportunities for the UK Organic Pig Producer*, by J. Keith. Uckfield, UK: Nuffield Farming Scholarships Trust (NFST), 2001.
Keywords: livestock production; economic analysis; economic outlook and situation; swine; Denmark; Sweden; Austria; United States

773. “Welfare of Animal Production in Intensive and Organic Systems with Special Reference to Danish Organic Pig Production,” by P. B. Gade. *Meat Science* 62, no. 3 (2002): 353-358. *Note*: In the special issue: Proceedings of the Forty-Eighth International Congress of Meat Science and Technology held August 25-30, 2002, Rome. [NAL Call #: TX373.M4]
Keywords: swine; animal welfare; slaughter; pork; meat production; laws and legislation; Europe; Denmark

Swine Production – Animal Husbandry and Welfare

774. “Animal Health and Welfare Aspects of Organic Pig Production,” by M. Vaarst et al. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T.

Alfoldi, W. Lockeretz, and U. Niggli, pp. 373. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.
Keywords: swine; pigs; piglets; animal health; animal welfare

775. "Animal Health and Welfare Aspects of Organic Pig Production," by M. Vaarst et al. *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 77-78. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: swine; pigs; piglets; animal health; animal welfare

776. "Animal Health and Welfare - Pig Production," by P. Hameenoja. *Acta Veterinaria Scandinavica, Supplementum* 95 (supp.) (2001): 33-36. *Note:* Paper: Veterinary Challenges in Organic Farming. Proceedings of the 14th Internordic Symposium of the Nordic Committee for Veterinary Scientific Cooperation (NKVet). Hveragerdi, Iceland, 5-8 October 2000. [NAL Call #: 11 AC82 SUPPL.]

Keywords: livestock production; swine; pigs; animal behavior; animal health; animal welfare; housing

777. "Behaviour of Growing Pigs Kept in Pens with Outdoor Runs I Effect of Access to Roughage and Shelter on Oral Activities," by A. W. Olsen. *Livestock Production Science* 69, no. 3 (2001): 255-264. [NAL Call #: SF1.L5]

Keywords: livestock production; swine; pigs; housing; animal behavior; feeds

778. "Behaviour of Pigs and the Design of a New [Extensive] Housing System," by D. G. M. Wood Gush and A. Stolba. *Applied Animal Ethology* 8, no. 6 (1982): 583-584. *Note:* Paper: Australian Pig Industry Research Committee-Conference on Pig Behaviour and Welfare, Melbourne, Australia, 3rd February 1981. [NAL Call #: QL750.A6]

Keywords: livestock production; swine; animal behavior; animal welfare; housing; free-range husbandry

779. "Behaviour of Sows and Piglets During Farrowing Under Free-Range Conditions," by V. Petersen, B. Recen, and K. Vestergaard. *Applied Animal Behaviour Science* 26, no. 1/2 (1990): 169-179. [NAL Call #: QL750.A6]

Keywords: livestock production; swine; piglets; sows; animal behavior; free-range husbandry

780. *The Benefit of Including Organic Pigs in the Rotation in Terms of Potassium Input to the Farming System*, by David Mowat. Aberdeen: Scottish Agricultural College, 2000.

Available online:

<http://www1.sac.ac.uk/cropsci/External/OrgServ/OrgPublications/MowatMsc.asp> (accessed September 10, 2004)

Keywords: swine production; pigs; cropping systems; soil quality; manures

781. "Breeding and Feeding Pigs for Organic Production," by H. R. C. Kelly et al. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 86-94. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.

Keywords: breeding; swine; pigs; feeds; housing; animal welfare; meat production

782. *Comparison of Pig Flow and Labor Needs in Two Organic Pork Production Systems*, by Ben Larson, James Kliebenstein, and Mark Honeyman (ISU Swine Research Report, ASL-R 1784A). Ames, IA: Iowa State University, 2001.

Available online:

<http://www.ipic.iastate.edu/reports/01swinereports/asl-1784A.pdf> (accessed September 10, 2004)

Keywords: swine production; marketing; marketing channels; labor; economic analysis; farrowing; comparisons

783. "Composition, Ileal Amino Acid Digestibility and Nutritive Value of Organically Grown Legume Seeds and Conventional Rapeseed Cakes for Pigs," by K. Partanen et al. *Agricultural and Food Science in Finland* 10, no. 4 (2001): 309-322. [NAL Call #: S3.A335]

Keywords: swine production; feeds; animal nutrition; nutrient content; pigs

784. "Concept for Ecological Pig Production in One-Unit Pens in Twelve-Sided Climate Tents: Design and Layout," by Bent H. Andersen et al. *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 65-76. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: swine; pigs; housing; animal welfare

785. "Confinement Hogs without Antibiotics," by C. Cramer. *New Farm* 11, no. 1 (1989): 26-27, 35. [NAL Call #: S1.N32]

Keywords: livestock production; swine; pigs; feeds; feed conversion; animal diseases; alternative medicine

786. *Considerations in Organic Hog Production*, by Lance Gegner (Organic Matters). Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2001.

Available online: <http://attra.ncat.org/attra-pub/PDF/omhog.pdf> (accessed September 10, 2004)
Keywords: swine; pork; livestock production; pasture management; animal welfare; environmental impact; housing

787. *Designing Feeding Programs for Natural and Organic Pork Production*, by Jerry Shurson. St. Paul: College of Agricultural Food and Environmental Sciences, University of Minnesota Extension Service, 2002. [NAL Call #: SF396.5 .D47 2002]

Available online:
<http://www.extension.umn.edu/distribution/livestocksystems/components/7736c01.html> (accessed September 10, 2004)

Keywords: livestock production; swine; pigs; feeds; animal nutrition

788. "Development of Organic Pig Production Systems," by John E. Hermansen, Vivi A. Larsen, and Bent H. Andersen. In *Perspectives in Pig Science*, University of Nottingham, pp. 1-16. Nottingham, UK: University of Nottingham, 2002.

Available online:
http://orgprints.org/00000197/01/Microsoft_Word_-_Organic_pig_production_systems_UK.pdf (as archived by Organic Eprints) (accessed September 10, 2004)

Keywords: swine production; pigs; housing; European Union

789. "The Effect of Different Paddock Rotation Strategies for Organic Sows on Behaviour, Welfare and the Environment," by Hilary Kelly et al. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 273-276. Aberystwyth: Organic Centre Wales, 2002.

Available online:
<http://www.organic.aber.ac.uk/library/Paddock%20rotation%20strategies%20for%20organic%20sows.pdf> (accessed September 10, 2004)

Keywords: swine; sows; animal behavior; housing; pasture management

790. "The Effects of Climate, Reproductive State and Season on the Use of Shelter by Outdoor Sows," by L. J. Buckner et al. In *Proceedings of the 29th International Congress of the International Society for Applied Ethology: Exeter, UK, 3-5 August, 1995*, edited by S. M. Rutter et al., pp. 155-156. Potters Bar, UK: Universities Federation for Animal Welfare (UFAW), 1995.

Keywords: livestock production; swine; sows; free-range husbandry; housing; animal behavior

791. "Effects of on-Farm Diets for Organic Pig Production on Performance and Carcass Quality," by A. Sundrum et al. *Journal of Animal Science* 78, no. 5 (2000): 1199-1205. [NAL Call #: 49 J82]

Keywords: livestock production; swine; pigs; feeds; animal nutrition; feed conversion; carcass quality; meat composition; animal health; economic analysis

792. "Emergy Analysis of Two Pig Production Systems," by Niels Andresen, Johanna Bjorklund, and Thorbjorn Rydberg. *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 23-28. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:
http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: livestock production; swine; pigs; grazing; energy; environmental impact; comparisons; economic analysis; Sweden

793. "An Ethological Definition of Animal Welfare with Special Emphasis on Pig Behaviour," by G. van Putten. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, edited by M. Hovi and R. Garcia Trujillo, pp. 120-134. Reading, UK: University of Reading Library, 2000.

Available online:
<http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004)

Keywords: animal welfare; animal behavior; animal health; pigs; swine

794. "The Exploration of a New Semi-Natural Environment by Pigs and Changes in Their Behaviour Over Time," by D. G. M. Wood Gush, P. Jensen, and B. Algers. *Applied Animal Behaviour Science* 24, no. 1 (1989): 83. *Note:* Paper: Winter meeting of the Society for Veterinary Ethology, London, UK, 30 November 1988. [NAL Call #: QL750.A6]

Keywords: livestock production; swine; pigs; housing; animal behavior; free-range husbandry

795. "Feeding of Ecological Fattening Pigs with Pellets and Roughage as Complete Feed," by Helle F. Jensen and Bent H. Andersen. *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 131-136. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf
(accessed September 10, 2004)

Keywords: swine; pigs; feeds; animal nutrition

796. "The Gradual Weaning Process in Outdoor Sows and Piglets in Relation to Nematode Infections," by B. I. Damm et al. *Applied Animal Behaviour Science* 82, no. 2 (2003): 101-120. [NAL Call #: QL750.A6]

Keywords: swine; sows; piglets; nematodes; parasites; animal health

797. "Grass Utilisation by Outdoor Sows in Different Seasons Measured by the N-Alkane Technique," by M. G. Rivera Ferre et al. *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 87-92. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf
(accessed September 10, 2004)

Keywords: swine; sows; grazing; forage; feeds; pasture management; animal nutrition

798. "A Health Monitoring Study in Organic Pig Herds," by A. A. Feenstra. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 107-112. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf
(accessed September 10, 2004)

Keywords: swine production; animal health; pigs; piglets; sows

799. "Housing of Finishing Pigs within Organic Farming," by F. Moller. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 93-98. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf
(accessed September 10, 2004)

Keywords: livestock production; swine; pigs; housing

800. "Husbandry and Animal Health on Organic Pig Farms in Austria," by J. Baumgartner et al. *Animal Welfare* 12, no. 4 (2003): 631-635. [NAL Call #: HV4701.A557]

Keywords: swine; animal health; animal welfare; Austria

801. "Husbandry and Health of Sows and Piglets on Organic Farms in Austria," by T. Leeb and J. Baumgartner. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 361. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: livestock production; swine; piglets; sows; animal diseases; animal health; helminths; parasites; Austria

802. "The Influence of Different Systems of Keeping Pregnant Sows on Their Motorial Activity and Some Indicators of Breeding Usability," by Z. Dobrzanski, A. Grzegorzak, and R. Kolacz. In *Proceedings, International Pig Veterinary Society, 8th IPVS Congress, Ghent, Belgium, August 27-31, 1984*, pp. 354. Ghent, Belgium: I.P.V.S., 1984.

Keywords: livestock production; swine; sows; housing; farrowing; animal behavior; free-range husbandry; comparisons

803. "Influence of Feed and Feed Structure on Disease and Welfare of Pigs," by Knud E. B. Knudsen. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 169-180. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.

Keywords: animal health; animal diseases; parasites; forage; feeds; swine; pigs

804. "Managing Amino Acids in Organic Pig Diets," by A. Sundrum. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 181-191. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.

Keywords: animal nutrition; feeds; swine; pigs

805. *Maternal Behaviour of Free Ranging Domestic Pigs: 1. Results of a Three Year Study, 2. Appendix*, by P. Jensen (Rapport - Institutionen for Husdjurshygien, Sveriges Lantbruksuniversitet, Report 22-23) Institutionen for Husdjurshygien, Sveriges Lantbruksuniversitet, 1988.

Keywords: livestock production; swine; pigs; sows; farrowing; animal welfare; animal behavior; free-range husbandry

806. "Nest Site Choice and Nest Building of Free-Ranging Domestic Pigs Due to Farrow," by P. Jensen. *Applied Animal Behaviour Science* 22, no. 1 (1989): 13-21. [NAL Call #: QL750.A6]
Keywords: livestock production; swine; housing; animal behavior; farrowing; sows; free-range husbandry
807. "Organic Pig Farms in the Netherlands," by H. M. Vermeer et al. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 144-145. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001. Available online: <http://www.veeru.reading.ac.uk/organic/ProceedingsFINAL.pdf> (accessed September 10, 2004)
Keywords: livestock production; swine; housing; pigs; Denmark
808. "Organic Pig Production in Denmark," by H. B. Lauritsen, G. S. Sorensen, and V. A. Larsen. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 113-118. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000. Available online: http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)
Keywords: swine production; pigs; feed conversion; meat quality; surveys; Denmark
809. "Outdoor Ecological Production of Pigs in Climate Tents," by H. F. Jensen, B. H. Andersen, and D. Foguelman. In *Organic Agriculture: The Credible Solution for the 21st Century: Proceedings of the 12th International IFOAM Scientific Conference, Mar Del Plata, Argentina, November 15-19, 1998*, edited by W. Lockeretz, pp. 242-244. Tholey-Theley, Germany: IFOAM, 1999.
Keywords: livestock production; swine; pigs; housing; animal welfare; Denmark
810. "Pig Production on Farms in Austria Fed Only Organically Produced Feedstuff," by E. Wagner et al. *Proceedings of the Society of Nutrition Physiology*, pp. 117. Frankfurt (Main): DLG-Verlag, 2001. [NAL Call #: SF94.6.P76]
Keywords: swine production; feeds; Austria
811. "Present Status of Pig Fattening on Selected Organic Farms in Austria," by T. Gruber, R. Tiefenbacher, and J. Baumgartner. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 365. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.
Keywords: swine production; animal health; helminths; parasites; animal diseases; Austria
812. "Qualitative Welfare Assessment: Reading the Behavioural Expressions of Pigs," by F. Wemelsfelder. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 16-22. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001. Available online: <http://www.veeru.reading.ac.uk/organic/ProceedingsFINAL.pdf> (accessed September 10, 2004)
Keywords: swine; pigs; animal behavior; animal welfare
813. "A Review of the Welfare Issues for Sows and Piglets in Relation to Housing," by J. L. Barnett et al. *Australian Journal of Agricultural Research* 52, no. 1 (2001): 1-28. [NAL Call #: 23 Au783]
Keywords: housing; animal welfare; literature reviews; swine; sows; piglets; farrowing; reproductive traits
814. "Silage for Outdoor Lactating Sows," by Anne G. Kongsted, Jeremie Larcher, and Vivi A. Larsen. *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 125-130. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000. Available online: http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)
Keywords: swine; sows; piglets; animal nutrition; feeds; silage
815. "Social Interactions in a Group of Free-Ranging Sows," by P. Jensen and D. G. M. Wood Gush. *Applied Animal Behaviour Science* 12, no. 4 (1984): 327-337. [NAL Call #: QL750.A6]
Keywords: livestock production; swine; animal behavior; sows; free-range husbandry
816. "Sows on Pasture," by V. A. Larsen and A. G. Kongsted. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 99-105. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf
(accessed September 10, 2004)

Keywords: swine production; feeds; pasture management; grazing; animal nutrition; pigs; sows

817. *Swine System Options for Iowa: Outdoor Pig Production: An Approach that Works*, by Mark Honeyman and Liz Weber. Ames, IA: University of Iowa Extension, 1998.

Available online:

<http://www.extension.iastate.edu/Publications/SA9.pdf>
(accessed September 10, 2004)

Keywords: swine production; free-range husbandry; housing; Iowa

818. "Towards a Baseline Assessment of Organic Pig Welfare," by J. E. L. Day et al. *Animal Welfare* 12, no. 4 (2003): 637-641. [NAL Call #: HV4701.A557]

Keywords: swine; pigs; animal welfare; animal health; housing

819. "The Use of By-Products in Organic Pig Production in Belgium," by G. P. J. Janssens et al. *Landbauforschung Volkenrode, Sonderheft* 223 (2001): 174-177. *Note:* Paper: Animal nutrition - resources and future developments: Workshop on Sustainable Animal Production, 15-16 June 2000, EXPO 2000, Hannover, Germany. In English with summary in German. [NAL Call #: 18 L2353 Suppl.]

Keywords: animal nutrition; feeds; swine production; pigs

820. "Weaning Age in Organic Pig Production," by L. Andersen et al. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 119-123. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf
(accessed September 10, 2004)

Keywords: swine production; animal behavior; farrowing; pigs; piglets; sows

Swine Production – Veterinary Practice

821. "Helminth Infections in Danish Organic Swine Herds," by L. Carstensen, M. Vaarst, and A. Roepstorff. *Veterinary Parasitology* 106, no. 3 (2002): 253-264. [NAL Call #: SF810.V4]

Keywords: livestock production; swine; pigs; animal diseases; helminths; parasites; pasture management; Denmark

822. "Parasites in Indigenous Greek Pigs Kept in an Extensive Organic Production System," by G. Theodoropoulos et al. *Agricultura Mediterranea* 132, no. 3/4 (2002): 253-258.

Keywords: swine production; pigs; animal health; parasites; epidemiology; helminths; Greece

823. "Parasitic Helminths of the Pig: Factors Influencing Transmission and Infection Levels," by P. Nansen, A. Roepstorff, and M. Sandeman.

International Journal for Parasitology 29, no. 6 (1999): 877-891. *Note:* Paper: 1998 Annual Conference of the Australian Society for Parasitology, 27 September-1 October 1998, La Trobe University, Melbourne, Australia. [NAL Call #: QH547.I55]

Keywords: animal diseases; anthelmintics; epidemiology; parasites; helminths; swine; pigs; comparisons

824. "Pig Health and Health Planning in Organic Herds in Austria," by J. Baumgartner et al. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA*

Workshop, Rodding, Denmark, November 11-13, 2001, edited by M. Hovi and M. Vaarst, pp. 126-131.

Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: animal health; swine; pigs; housing; parasites; Austria

825. "Sanguinarine and Chelerythrine: Assessment of Safety on Pigs in Ninety Days Feeding Experiment," by P. Kosina et al. *Food and Chemical Toxicology* 42, no. 1 (2004): 85-91.

Keywords: herbal medicines; animal health; drug therapy; veterinary medicine; swine; pigs

826. "Strategies for Parasite Control in Organic Pigs," by A. Roepstorff and H. Mejer. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop Rodding, Denmark, November 11-13, 2001*, edited by M. Hovi and M. Vaarst. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:
<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: animal health; veterinary medicine; swine; parasites; anthelmintics; Denmark

Swine Production – Certification

827. “Problems and Challenges with the Certification of Organic Pigs,” by A. Sundrum and M. Ebke. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 193-198. Reading, UK:

Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.
Available online:
http://www.safonetwork.org/publications/wp2pub/2_SAFO_pro.pdf (accessed September 10, 2004)
Keywords: meat quality; pork; pigs; swine production; animal health; carcass quality; Germany

Swine Production – Economic Issues

828. *Alternative Swine Cost of Production Project: Annual Report*, by David Stender. Ames, IA: Iowa State University Extension, 2004. *Note:* Posted by Agricultural Marketing Research Center, Iowa State University; Project funded by the Leopold Center for Sustainable Agriculture
Available online:
<http://www.agmrc.org/pork/pnmwg/costofproductionannualreport.pdf> (accessed September 10, 2004)
Keywords: swine production; pigs; pork; costs and returns; economic analysis; surveys; Iowa

Available online:
<http://www.ipic.iastate.edu/reports/01swinereports/asl-1784B.pdf> (accessed September 10, 2004)
Keywords: swine production; pork; economic analysis; costs; Iowa

829. *Comparison of Premiums and Returns in Organic Pork Production*, by Ben Larson, James Kliebenstein, and Mark Honeyman (ISU Swine Research Report, ASL-R1784C). Ames, IA: Iowa State University, 2001.
Available online:
<http://www.ipic.iastate.edu/reports/01swinereports/asl-1784C.pdf> (accessed September 10, 2004)
Keywords: swine production; economic analysis; costs and returns; marketing; comparisons; Iowa

831. *Cost of Organic Pork Production: A Seasonal Analysis and Needed Price Premium for Continuous Production*, by James Kliebenstein et al. (Department of Economics, Working Papers Series 04014). Ames, IA: Iowa State University, 2004. *Note:* Selected Paper prepared for presentation at the American Agricultural Economics Association Annual Meeting, Denver, Colorado, July 1-4, 2004.
Keywords: swine production; economic analysis; pork; costs and returns; markets

830. *Cost of Organic Pork Production*, by Ben Larson, James Kliebenstein, and Mark Honeyman (ISU Swine Research Report, ASL-R1784B). Ames, IA: Iowa State University, 2001. *Note:* Also published in *Ag Decision Maker*, File B1-80, 2003,
<http://www.extension.iastate.edu/agdm/livestock/pdf/b1-80.pdf>

832. *Organic Pork Production: A Two-Litter Pasture Farrow-to-Finish Budget*, by J. M. Becker, M. S. Honeyman, and J. Kliebenstein (Swine Research Report ASL-1679). Ames, IA: Iowa State University Extension, 1999.
Available online:
<http://www.extension.iastate.edu/ipic/reports/99swinereports/asl-1679.pdf> (accessed September 10, 2004)
Keywords: swine; pork; costs and returns; farm budgets; economics; animal health; feeds; marketing; United States

Swine Production – Marketing

833. “Consumer Perceptions: Pork and Pig Production: Insights From France, England, Sweden and Denmark,” by T. M. Ngapo et al. *Meat Science* 66, no. 1 (2004): 125-134. [NAL Call #: TX373.M4]
Keywords: consumer economics; pork; swine production

Center Alternative Swine Production Systems Program, 2001.
Available online:
<http://www.misa.umn.edu/programs/altswine/litreview.html> (accessed September 10, 2004)
Keywords: swine; pork; marketing; consumer economics; economic analysis; literature reviews

834. *Consumer Preferences, Premiums, and the Market for Natural and Organic Pork: Locating a Niche for Small-Scale Producers*, by W. P. Wheatley. Minneapolis: University of Minnesota, The Swine

835. “Iowa’s Producers Look to Other Markets: Future Pork: Organics May Hold Key,” by L. Miller. *Leopold Letter: A Newsletter of the Leopold Center for*

Sustainable Agriculture 11, no. 2 (1999) [NAL Call #: S494.5.S86L46]

Available online:

<http://www.leopold.iastate.edu/pubs/nwl/1999/1999-2-leoletter/99-2heimel.htm> (accessed September 10, 2004)

Keywords: swine; pigs; pork; marketing; marketing channels

836. "The Natural and Organic Pork Market: A Sustainable Niche for Small-Scale Producers? A Review and Analysis of the Evidence," by W. P.

Wheatley. *American Journal of Alternative Agriculture* 18, no. 1 (2003): 18-26. [NAL Call #: S605.5.A43]

Keywords: consumer economics; marketing; livestock production; comparisons; profitability; pork

837. *Pork: Marketing Alternatives*, by Lance Gegner (Marketing and Business Guide). Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2004.

Available online: <http://attra.ncat.org/attra-pub/altpork.html> (accessed September 10, 2004)

Keywords: direct marketing; marketing channels; pork

Swine Production – Food Quality

838. "Cadmium in Organic and Conventional Pig Production," by A. Linden, K. Andersson, and A. Oskarsson. *Archives of Environmental Contamination and Toxicology* 40, no. 3 (2001): 425-431. [NAL Call #: TD172.A7]

Keywords: meat composition; food safety; swine; pork; comparisons; Sweden

839. "Carcass Quality of Organic Pork," by Albert Sundrum. *Journée D'Echanges Sur L'Agriculture Biologique* (2002): 50-52. *Note*: Paper presented at AFSSA; Journée d'Echanges sur l'Agriculture Biologique. Theme: Comment évaluer la valeur nutritionnelle, les bénéfices et les risques sanitaires des aliments issus de l'agriculture biologique? Quelques exemples en France et en Europe, Paris, France, 18 octobre 2002

Available online: <http://orgprints.org/00000905/> (abstract only) (accessed September 10, 2004)

Keywords: meat quality; pork; pigs; carcass quality

840. "Consequences for Meat Quality of Producing Pork Under Organic Standards," by J. H. Guy and S. A. Edwards. *Pig News and Information* 23, no. 3 (2002): 75N-80N. [NAL Call #: SF391.P55]

Keywords: swine; pork; meat quality; breeds; comparisons

841. "Differences in Meat Quality Between Organically and Conventionally Produced Pigs," by V. Olsson et al. *Meat Science* 64, no. 3 (2003): 287-297. [NAL Call #: TX373.M4]

Keywords: swine; pork; carcass quality; meat quality; comparisons; breeds

842. "Differences in the Electrophoretic Patterns of Soluble Pork Proteins as a Consequence of Pig Rearing Conditions," by G. Hajos et al. *Meat Science* 41, no. 1 (1995): 77-87. [NAL Call #: TX373.M4]

Keywords: swine; pork; meat composition; comparisons

843. "Effects of Genotype and Rearing System on Sensory Characteristics and Preference for Pork (M Longissimus Dorsi)," by A. Jonsall et al. *Food Quality and Preference* 13, no. 2 (2002): 73-80. [NAL Call #: TX367.F66]

Keywords: meat quality; pork; swine production; comparisons; consumer economics; pigs; breeds

844. "Fatty Acid Composition and Tocopherol Content of Muscle in Pigs Fed Organic and Conventional Feed with Different N6/N3 Ratios, Respectively," by A. Hogberg et al. *Food Chemistry* 80, no. 2 (2003): 177-186. [NAL Call #: TX501.F6]

Keywords: livestock production; swine; pigs; carcass quality; meat quality; pork; feeds; breeds; comparisons

845. "Feeding Strategy in Organic Farming to Improve the Quality of Pork," by A. Sundrum, B. Kulig, and G. Biedermann. In *IFOAM 2000: The World Grows Organic: Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 to 31 August, 2000*, edited by T. Alfoldi, W. Lockeretz, and U. Niggli, pp. 370. Zurich, Switzerland: vdf Hochschulverlag AG an der ETH Zurich, 2000.

Keywords: feeds; meat quality; pork; swine; swine production; pigs; carcass quality; Germany

846. "Natural Variations of Precursors in Pig Meat Affect the Yield of Heterocyclic Amines - Effects of RN Genotype, Feeding Regime, and Sex," by V. Olsson et al. *Journal of Agricultural and Food Chemistry* 50, no. 10 (2002): 2962-2969. [NAL Call #: 381 J8223]

Keywords: swine production; pigs; pork; meat composition; food safety; breeds; feeds; comparisons

847. "Production Results and Sensory Meat Quality of Pigs Fed Different Amounts of Concentrate and Ad Lib. Clover Grass or Clover Grass Silage," *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E.

Hermansen, V. Lund, and E. Thuen, pp. 79-86. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: swine; pigs; pork; meat quality; grazing; silage

848. *Productivity Traits and Meat Quality of Pigs Fed with an Organic Diet Containing a New Type of Lupin*, by Chris Claudi-Magnussen and H. Maribo. Roskilde, Denmark: Danish Meat Research Institute, 2002. *Note*: Paper: Proceedings of the Forty-Eighth International Congress of Meat Science and Technology held August 25-30, 2002, Rome.

Available online:

http://www.danskeslagterier.dk/smcms/SF_-

[_engelsk/Knowledge_SF/Publications/Publ_2002/Productivitytraits/Index.htm?ID=3854](#) (accessed September 10, 2004)

Keywords: swine production; pigs; feeds; animal nutrition; comparisons; meat quality

849. *Sensory Quality of Pork: Influences of Rearing System, Feed, Genotype, and Sex*, by Anette Jonsall (Comprehensive Summaries of Uppsala Dissertations From the Faculty of Social Sciences, 95). Uppsala, Sweden: Acta Universitatis Upsaliensis, 2000. *Note*: Thesis.

Available online:

http://publications.uu.se/uu/fulltext/nbn_se_uu_diva-517.pdf (accessed September 10, 2004)

Keywords: pork; meat quality; feed; farming systems; consumer economics; meat processing; comparisons

SMALL RUMINANT PRODUCTION (Goats and Sheep)

Small Ruminant Production – Overview

850. “Breeding Goals and Strategies for Organic Sheep Production,” by J. Conington, R. M. Lewis, and G. Simm. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 135-142 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.

Keywords: breeding; breeds; animal diseases; sheep

851. “Contribution of Organic Farming to Increase Sustainability of Mediterranean Small Ruminants Livestock Systems,” by B. Ronchi and A. Nardone. *Livestock Production Science* 80, no. 1/2 (2003): 17-31. *Note*: EAAP Publication 1-2003. [NAL Call #: SF1.L5]

Keywords: feeds; animal welfare; biodiversity; animal diseases; conservation practices; environmental impact; food quality; forage; grazing; helminths; land resources; livestock production; animal nutrition; pasture management; profitability; sheep; Mediterranean Region

852. “Integrated Dryland Crop and Livestock Production Systems on the Great Plains: Extent and Outlook,” by J. M. Krall and G. E. Schuman. *Journal of Production Agriculture* 9, no. 2 (1996): 187-191. *Note*: Cropping systems in the Great Plains: Papers presented at the symposium held during the 1994 ASA-CSSA-SSSA annual meetings in Seattle, USA. [NAL Call #: S539.5.J68]

Keywords: livestock production; cropping systems; soil quality; farming systems; grazing

853. *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference*

Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001, edited by I. Kyriazakis and G. Zervas (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002. [NAL Call #: 49.9 Eu7 no. 106]
Keywords: dairy farming; livestock production; meat production; milk production; marketing; laws and legislation; animal health; Europe

854. “Organic Sheepmeat Production,” by R. Keatinge. In *Organic Livestock Farming: Papers Presented at a Conference Held at the Heriot Watt University, Edinburgh and at the University of Reading, UK, 9 and 10 February 2001*, edited by D. Younie and J. M. Wilkinson, pp. 145-158. Lincoln, UK: Chalcombe Publications, 2001.

Keywords: animal health; lambs; sheep; feeds; mutton; marketing; meat production

855. *Sheep and Goat Organic Meat Production in the Mediterranean Region*, by Znaidi I. El-Akram. Bari, Italy: Mediterranean Agronomic Institute of Bari, 2001. *Note*: Thesis; Archived by Organic EPrints. Available online:

http://orgprints.org/00003078/01/sheep_and_goat_organic_meat_production_in_the_mediterranean_region.pdf (as posted by Organic Eprints) (accessed September 10, 2004)

Keywords: goats; sheep; livestock production; Tunisia

856. “Some Criteria for Landscape Quality Applied on an Organic Goat Farm in Gelderland, Netherlands,” by K. Hendriks, D. J. Stobbelaar, and J. D. van Mansvelt. *Agriculture, Ecosystems and Environment* 63, no. 2/3 (1997): 185-200. [NAL Call #: S601.A34]

Keywords: case studies; conservation practices; goats; land resources; Netherlands

Small Ruminant Production – Animal Husbandry and Welfare

857. *Alternative Forages for Ruminants: Papers Presented at a Conference Held at the Royal Agricultural College, Cirencester, UK, 5 March 1997*, edited by G. P. F. Lane and J. M. Wilkinson. Lincoln, UK: Chalcombe Publications, 1998.

Keywords: forage; legumes; ruminants

858. “Animal Health and Welfare in Organic Sheep and Goat Farming - Experiences and Reflections From a Swedish Outlook,” by A. Lindqvist. *Acta Veterinaria Scandinavica, Supplementum* 95 (supp.) (2001): 27-31. *Note*: Paper: Veterinary Challenges in

Organic Farming. Proceedings of the 14th Internordic Symposium of the Nordic Committee for Veterinary Scientific Cooperation (NKVet), Hveragerdi, Iceland, 5-8 October 2000. [NAL Call #: 11 AC82 SUPPL.]
Keywords: animal health; animal welfare; goats; sheep; Sweden

859. “Animal Health and Welfare Issues Arising in Organic Ruminant Production Systems,” by S. Athanasiadou, G. Arsenos, and I. Kyriazakis. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the*

Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001, edited by I. Kyriazakis and G. Zervas, pp. 39-56. Wageningen, Netherlands: Wageningen Academic Publishers, 2002.

Keywords: animal health; animal welfare; mastitis; livestock production; parasites

860. "Breeding Goats for Organic Production in Germany," by G. Rahmann. In *Breeding and Feeding for Animal Health and Welfare in Organic Livestock Systems: Proceedings of the Fourth NAHWOA Workshop, Wageningen, March 24-27, 2001*, pp. 95-107. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), University of Reading, 2001.

Keywords: breeding; goats; milk production; meat production; Germany

861. "Controlling Internal Parasitism on an Organic Sheep and Beef Unit," by J. H. Niezen et al. In *Proceedings of the 21st Seminar of the Sheep and Beef Cattle Society, New Zealand Veterinary Association, July 1991, New Zealand*, pp. 65-72. Palmerston North, New Zealand: Veterinary Continuing Education, Massey University, 1991.

Keywords: livestock production; animal diseases; soil quality; weed control; parasites; helminths; pasture management; grazing; New Zealand

862. *Goats: Sustainable Production: Overview*, by Linda Coffey, Margo Hale, and Ann Wells (Livestock Production Guide). Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2004.

Available online: <http://attra.ncat.org/attra-pub/PDF/goatoverview.pdf> (accessed September 10, 2004)

Keywords: goats; pasture management; feeds; grazing

863. "Internal Parasites in Organic Sheep Farming," by A. Lindqvist. In *Ecological Animal Husbandry in the Nordic Countries: Proceedings From NJF Seminar No 303, Horsens, Denmark, 16-17 September 1999*, edited by J. E. Hermansen, V. Lund, and E. Thuen, pp. 137-145. Tjele, Denmark: Danish Research Centre for Organic Farming (DARCOF), 2000.

Available online:

http://www.darcof.dk/publication/rapport/dar_2.pdf (accessed September 10, 2004)

Keywords: animal diseases; animal health; sheep; ewes; lambing; lamb meat; parasites; Sweden

864. "New Alternatives in the Environmental Friendly Animal Production in Hungary," by P. Horn and J. Stefler. *Acta Agraria Kaposvariensis* 6, no. 2 (2002): 7-13. *Note*: Paper: Proceedings of the 10th international symposium "Animal science days". Environment friendly and EU conform animal husbandry, Hungary, 16-18 October 2002.

Keywords: livestock production; animal welfare; feeds; environmental impact; Hungary

865. "On Farm Organic Dairy Sheep and Goat Breeding in Germany," by Gerold Rahmann. In *Proceedings of the 14th IFOAM Organic World Congress: Cultivating Communities, Victoria, British Columbia, Canada, 21-28 August, 2002*, edited by Robert Thompson, pp. 94-94. Ottawa: Canadian Organic Growers (COG), 2002.

Available online:

<http://orgprints.org/00000623/01/623rahmann-2002-ifoam14thwc.pdf> (as archived by Organic Eprints) (accessed September 10, 2004)

Keywords: goats; sheep; breeds; breeding; research

866. "Relationships Between Nutrition and Foraging Behavior of Free-Ranging Sheep and Goats," by S. L. Kronberg and J. C. Malechek. *Journal of Animal Science* 75, no. 7 (1997): 1756-1763. [NAL Call #: 49 J82]

Keywords: livestock production; sheep; goats; feeds; forage; animal behavior; animal nutrition; grazing; free-range husbandry; tropics; Brazil

867. "Utilisation of Effective Microorganisms in Commercial Organic Agriculture - a Case Study From New Zealand," by T. P. Chamberlain, M. J. Daly, and C. N. Merfield. In *Fifth International Conference on Kyusei Nature Farming, Bangkok, Thailand, 23-26 October, 1997*, edited by Y. D. A. Senanayake and U. R. Sangakkara, pp. 120-130. Peradeniya, Sri Lanka: Faculty of Agriculture, University of Peradeniya, 1999.

Keywords: livestock production; sheep; animal health; pasture management; case studies; microorganisms; ewes; grazing; parasites; New Zealand

Small Ruminant Production – Veterinary Practice

868. "The Anthelmintic Efficacy of Five Plant Products Against Gastrointestinal Trichostrongylids in Artificially Infected Lambs," by P. Hordegen et al. *Veterinary Parasitology* 117, no. 1-2 (2003): 51-60.

[NAL Call #: SF810.V4]

Keywords: animal health; veterinary medicine; herbal medicines; animal diseases; parasites; helminths; anthelmintics; lambs; sheep

869. "Comparison of Worm Control Strategies in Grazing Sheep in Denmark," by M. E. Boa et al. *Acta Veterinaria Scandinavica* 42, no. 1 (2001): 57-69. [NAL Call #: 11 Ac82]
Keywords: animal health; nematodes; parasites; helminths; lambs; sheep; veterinary medicine
870. "Controlling Internal Parasites in Grazing Ruminants without Recourse to Anthelmintics: Approaches, Experiences and Prospects," by J. H. Niezen et al. *International Journal for Parasitology* 26, no. 8/9 (1996): 983-992. *Note*: In the special issue: Novel Approaches to the Control of Helminth Parasites of Livestock, edited by H.S. Gill and L.F. LeJambre. Proceedings of a conference held April 18-21, 1995, Armidale, Australia. [NAL Call #: QH547.I55]
Keywords: veterinary medicine; sheep; cattle; lambs; nematodes; parasites; cultural control; grazing; pasture management; forage; New Zealand
871. "Controlling Internal Parasites without the Use of Pharmaceutical Anthelmintics," by R. Keatinge et al. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 111-114. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.
Available online:
http://www.veeru.reading.ac.uk/organic/Proceedings_FINAL.pdf (accessed September 10, 2004)
Keywords: animal health; grazing; cattle; calves; sheep; lambs; anthelmintics; epidemiology; parasites
872. "The Dynamics, Prevalence and Impact of Nematode Infections in Organically Raised Sheep in Sweden," by A. Lindqvist et al. *Acta Veterinaria Scandinavica* 42, no. 3 (2001): 377-389. [NAL Call #: 11 Ac82]
Keywords: sheep production; sheep; helminths; animal diseases; nematodes; parasites; anthelmintics; Sweden
873. "Effectiveness of Grazing Management in Controlling Gastrointestinal Nematodes in Weaner Lambs on Pasture in Denmark," by S. M. Githigia, S. M. Thamsborg, and M. Larsen. *Veterinary Parasitology* 99, no. 1 (2001): 15-27. [NAL Call #: SF810.V4]
Keywords: lambs; animal diseases; grazing; nematodes; pasture management; nematophagous fungi; biological control; helminths; Denmark
874. "Ethical Issues Associated with Sheep Fly Strike Research, Prevention, and Control," by M. C. Morris. *Journal of Agricultural and Environmental Ethics* 13, no. 3/4 (2000): 205-217. [NAL Call #: BJ52.5 .J68]
Keywords: animal diseases; parasites; animal welfare; research; ethics; Australia
875. "Evaluation of a Non-Conventional Treatments for Control of the Biting Louse (*Bovicola Ovis*) on Sheep," by A. C. G. Heath, N. Lampkin, and J. H. Jowett. *Medical and Veterinary Entomology* 9, no. 4 (1995): 407-412. [NAL Call #: RA639.M44]
Keywords: sheep production; sheep; alternative medicine; veterinary medicine; insect control
876. "Evaluation of Non-Conventional Treatments for Control of the Biting Louse (*Bovicola Ovis*) on Sheep," by A. C. Heath, N. Lampkin, and J. H. Jowett. *Medical and Veterinary Entomology* 9, no. 4 (1995): 407-412. [NAL Call #: RA639.M44]
Keywords: sheep; parasites; animal health; herbal medicines; alternative medicine; veterinary medicine
877. "The Good Shepherd?," by W. Best. *New Farmer and Grower* 47 (1995): 24.
Keywords: homeopathy; sheep; animal diseases
878. "Helminth Intensity and Diversity in Organic Meat Sheep Farms in Centre of France," by J. Cabaret, C. Mage, and M. Bouilhol. *Veterinary Parasitology* 105, no. 1 (2002): 33-47. [NAL Call #: SF810.V4]
Keywords: parasites; animal health; sheep; helminths; France
879. "Interaction Between Lactic Acid Bacteria and Gastrointestinal Nematodes of Caprine Origin," by D. Draksler, M. C. Monferran, and S. Gonzalez. *Methods in Molecular Biology*, no. 268 (2004): 207-211. [NAL Call #: QH506.M45]
Keywords: livestock production; goats; sheep; parasites; animal health
880. "Managing Helminths of Ruminants in Organic Farming," by J. Cabaret, M. Bouilhol, and C. Mage. *Veterinary Research* 33, no. 5 (2002): 625-640. [NAL Call #: SF602.A5]
Keywords: acupuncture; anthelmintics; calves; dairy cattle; therapy; grazing; helminths; herbal medicines; homeopathy; pasture management
881. "Nutritional Aspects of Bioactive Forages for Worm Control in Organic Sheep and Goats," by H. Hoste et al. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 123-128. Reading, UK: Sustaining Animal

Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_SAF0_pro.pdf (accessed September 10, 2004)

Keywords: animal health; nematodes; parasites; sheep; goats; anthelmintics; pasture management

882. "Parasite Control on Organic Sheep Farms - Options and Limitations," by S. M. Thamsborg. In *Positive Health: Preventive Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop* Rodding, Denmark, November 11-13, 2001, edited by M. Hovi and M. Vaarst, pp. 92-101. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: animal health; sheep; veterinary medicine; alternative medicine; grazing; biological control

883. "Parasitism in Organic Sheep Farming," by M. Bouilhol and C. Mage. In *Positive Health: Preventive*

Measures and Alternative Strategies: Proceedings of the Fifth NAHWOA Workshop

Rodding, Denmark, November 11-13, 2001, edited by M. Hovi and M. Vaarst, pp. 79-91. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture (NAHWOA), 2002.

Available online:

<http://www.veeru.reading.ac.uk/organic/proc/FinalProceedingsDenmark.pdf> (accessed September 10, 2004)

Keywords: animal health; sheep; lambs; parasites; veterinary medicine; herbal medicines; grazing; pasture management

884. *Study of Alternative Parasiticides for Organic Lamb Production*, by Janet Allen, Murray Boal, and Paddy Doherty (OFRF Project Report 98-03). Santa Cruz, CA: Organic Farming Research Foundation, 1998.

Available online:

<http://www.ofrf.org/publications/Grant%20reports/98.03.01.Allen.Spr98.IB9.pdf> (accessed September 10, 2004)

Keywords: lambs; veterinary medicine; parasites; anthelmintics; herbal medicines; diatomaceous earth; Canada

Small Ruminant Production – Certification

885. "The Standards, Regulations and Legislation Required for Organic Ruminant Keeping in the European Union," by G. Rahmann. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*,

edited by I. Kyriazakis and G. Zervas, pp. 15-26. Wageningen, Netherlands: Wageningen Academic Publishers, 2002.

Keywords: laws and legislation; organic certification; organic transition; livestock production; environmental impact; Europe

Small Ruminant Production – Economic Issues

886. "Costs and Returns for Dairy Goat - 1500 Lbs Milk/Doe, 100 Doe Herd," *Organic Production Practices, Northeastern United States, 1996* (Table 79). New Brunswick, NJ: Rutgers Cooperative Extension, 1996.

Available online:

<http://aesop.rutgers.edu/~farmmgmt/ne-budgets/organic/dairy-goat-1500lb-milk.html> (accessed September 10, 2004)

Keywords: goats; dairy farming; milk production; farm budgets; costs and returns

Available online:

<http://aesop.rutgers.edu/~farmmgmt/ne-budgets/organic/dairy-goat-1800lb-milk.html> (accessed September 10, 2004)

Keywords: goats; dairy farming; milk production; farm budgets; costs and returns

887. "Costs and Returns for Dairy Goat - 1800 Lbs Milk/Doe, 100 Doe Herd," *Organic Production Practices, Northeastern United States, 1996* (Table 80). New Brunswick, NJ: Rutgers Cooperative Extension, 1996.

888. "Costs and Returns for Dairy Goat - 2100 Lbs Milk/Doe, 100 Doe Herd," *Organic Production Practices, Northeastern United States, 1996* (Table 81). New Brunswick, NJ: Rutgers Cooperative Extension, 1996.

Available online:

<http://aesop.rutgers.edu/~farmmgmt/ne-budgets/organic/dairy-goat-2100lb-milk.html> (accessed September 10, 2004)

Keywords: goats; dairy farming; milk production; farm budgets; costs and returns

889. "Costs and Returns for Spring Lamb, Per Ewe - 100 Ewe Flock," *Organic Production Practices, Northeastern United States, 1996*. New Brunswick, NJ: Rutgers Cooperative Extension, 1996.

Available online:

<http://aesop.rutgers.edu/~farmmgmt/ne-budgets/organic/spring-lamb.html> (accessed September 10, 2004)

Keywords: sheep; lambs; farm budgets; costs and returns

890. *Organic Production Practices: Northeastern United States: Livestock*, by Rutgers Cooperative Extension and Northeast Farm Management

Committee. New Brunswick, NJ: Rutgers Cooperative Extension, 1996.

Available online:

<http://aesop.rutgers.edu/~farmmgmt/ne-budgets/organic.html#live> (accessed September 10, 2004)

Keywords: goats; lambs; ewes; farm budgets; United States; economic analysis

891. *Output and Public Expenditure Implications of the Development of Organic Farming in Europe*, by R. Zanolini and D. Gambelli (Organic Farming in Europe: Economics and Policy, 4). Stuttgart, Germany: University of Hohenheim, Department of Farm Economics, 1999.

Keywords: agricultural policy; economics; agricultural budgets; livestock production; sheep; Europe

Small Ruminant Production – Marketing

892. "Future European Market for Organic Products From Ruminants," by Erik S. Kristensen and Stig M. Thamsborg. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 5-15 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.

Available online: <http://orgprints.org/00000510/> (abstract only) (accessed September 10, 2004)

Keywords: marketing; consumer economics; milk production; meat production; Europe

893. *Investigating the Value Added Potential of Organic Lamb*, by Anna Hayes. Newcastle upon Tyne, UK: Centre for Rural Economy, University of Newcastle upon Tyne, 2003. *Note*: Study conducted in conjunction with the Northumbria Organic Producers Group (NOPG)

Available online:

<http://www.ncl.ac.uk/cre/postgrad/Hayes.htm> (accessed September 10, 2004)

Keywords: lambs; lamb meat; consumer economics; surveys; carcass quality; marketing; United Kingdom

894. "An Investigation into UK Consumer Perception of Organic Lamb," by J. Kirk and K. Slade. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 157-161 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.

Keywords: consumer economics; lambs; marketing; meat quality; United Kingdom

895. *Organic Lamb Industry Profile*, by Malinda Miller. Rev. ed. Ames, IA: Agricultural Marketing Research Center, Iowa State University, 2004.

Available online:

<http://www.agmrc.org/lambgoats/profiles/lamborgprofile.pdf> (accessed September 10, 2004)

Keywords: lambs; lamb meat; marketing; livestock and meat industry

896. "A Review of Direct and Niche Marketing of Lamb," by T. K. Kazmierczak. *Sheep & Goat Research Journal* 14, no. 1 (1998): 92-97. *Note*: Special Issue: Lamb Marketing [NAL Call #: SF371.R47]

Keywords: lamb meat; marketing; consumer economics; marketing channels

Small Ruminant Production – Food Quality

897. "Artificial Rearing and Intramuscular Fatty Acid Composition of Unweaned Lambs," by G. F. Cifuni et al. *Italian Journal of Food Science* 15, no. 2 (2003): 241-248. [NAL Call #: TX511.F62]

Keywords: organic transition; lamb meat; meat composition; livestock production; comparisons

898. "Carcass, Meat and Fat Quality in Italian Merino Derived Lambs Obtained with "Organic" Farming Systems," by L. Morbidini et al. *Options Mediterraneennes Serie A, Seminaires Mediterraneens* 46 (2001): 29-33. *Note*: Paper: Proceedings of the meeting of the Sub-Network on Production Systems of

the FAO-CIHEAM Inter-Regional Cooperative Research and Development Network on Sheep and Goats, Murcia, Spain, 23-25 September 1999. [NAL Call #: S19.O681]

Keywords: carcass quality; lamb meat; lambs; meat quality

899. "Carcass Quality of Italian Merino Derived Lambs Produced with 'Organic' Farming Systems," by L. Morbidini et al. In *Recent Progress in Animal Production Science, 1: Proceedings of the ASPA XIII Congress, Piacenza, Italy, 21-24 June, 1999*, edited by G. Piva et al., pp. 598-600. Milano, Italy: FrancoAngeli srl., 1999.

Keywords: lambs; meat quality; carcass quality; sheep

900. "Effect of 'Organic' Farming Systems on Carcass Quality of Italian Merino Heavy Lambs," by L. Morbidini et al. *Italian Journal of Animal Science 2* (supp. 1) (2003): 494-496. *Note:* Paper: Proceedings of the ASPA 15th Congress, Parma, Italy, 18-20 June 2003. [NAL Call #: SF1 .I83]

Keywords: lambs; carcass quality; sheep; meat quality

901. "Organic and Conventional Systems: Composition and Cheese-Making Aptitude of Sarda Ewes' Milk," by

A. Pirisi et al. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 143-146 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.

Keywords: cheesemaking; sheep; milk composition; milk quality; comparisons

902. "The Relationship Between Worm Burden and Milk Quality of Goats," by R. Koopmann and K. Barth. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany*, edited by M. Hovi, A. Sundrum, and S. Padel, pp. 77-88. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004. Available online:

http://www.safonetwork.org/publications/wp2pub/2_SAFO_pro.pdf (accessed September 10, 2004)

Keywords: goats; milk quality; parasites; anthelmintics; animal health; nematodes

Small Ruminant Production – Meat Animals – Animal Husbandry and Welfare

903. "Behaviour and Meat Production of Organically Farmed Unweaned Lambs," by F. Napolitano et al. *Small Ruminant Research 43*, no. 2 (2002): 179-184. [NAL Call #: SF380.I52]

Keywords: lambs; meat production; animal behavior; carcass quality; animal welfare

904. "Chemical-Free Hill Country Sheep and Beef Livestock Production Systems," by A. D. Mackay et al. In *Proceedings of the New Zealand Grassland Association; Sixtieth Conference, Nelson, New Zealand, 20-22 October 1998*, pp. 15-18. Wellington: New Zealand Grassland Association, 1999.

Keywords: farming systems; feeding; pasture management; sheep; beef cattle; New Zealand

905. "Constraints Under Organic Farming on French Sheepmeat Production: A Legal and Economic Point of View with an Emphasis on Farming Systems and Veterinary Aspects," by M. Benoit and G. Laignel. *Veterinary Research 33*, no. 5 (2002): 613-624. [NAL Call #: SF602.A5]

Keywords: animal health; veterinary medicine; parasites; anthelmintics; costs; economics; farming systems; feeds; grazing; hormones; mutton; laws and legislation; France

906. "Enhancing the Role of Red Clover for Sustainable UK Agriculture," by R. Jones, M. Abberton, and R. Weller. *IGER Innovations 7* (2003): 35-39. [NAL Call #: S542.G72I55]

Keywords: breeding; carcass quality; silage; crop production; grazing; lambs; feeds

907. "An Organic Goat Farm in Auvergne," by M. Bouilhol and J. P. Lantenois. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWAO Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 157-161. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.

Keywords: livestock production; goats; France

908. "Organic Lamb," by J. Morgan. *Agnote NSW Agriculture DAI-233* (1st Edition) (2001): 1-7. [NAL Call #: SF55.A8 A36]

Keywords: livestock production; sheep; lambs; breeding; animal nutrition; animal diseases; organic certification; helminths; meat production; marketing; Australia

909. *Organic Lamb at Heifer Project's Overlook Farm*, by Dale Perkins, pp. 14. Rutland, MA: Overlook Farm, 1998? [NAL Call #: SF375.4.M4P47 1998]

Keywords: livestock production; sheep; lamb meat; case studies; meat production

910. *Producing Lamb Organically*, by Lynn Magedson. Lamar, MO: Blackbelly Barbados Sheep Association International (BBSAI), no date. Available online: <http://www.blackbellysheep.org/articles/producing%20lamb%20organically.htm> (accessed September 10, 2004)

Keywords: lambs; lamb meat; sheep production; sheep; meat production

911. *Sustainable Goat Production: Meat Goats*, by Linda Coffey (Livestock Production Guide). Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2002. Available online: <http://attra.ncat.org/attra-pub/meatgoat.html> (accessed September 10, 2004) Keywords: goats; meat production; breeds; farm budgets; case studies; grazing; feeds

912. *Sustainable Sheep Production*, by Ann Wells, Lance Gegner, and Richard Earles. Fayetteville, AR: ATTRA - National Sustainable Agriculture Information Service, 2000. Available online: <http://www.attra.org/attra-pub/sheep.html> (accessed September 10, 2004) Keywords: sheep production; breeds; animal health; marketing

913. “The Use of Feed Blocks as Supplementation for the Upland Hill Flock: (2) Cost Effective Lamb Production,” by Barbara M. L. McLean, David Frost, and D. E. Evans. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 279-280. Aberystwyth: Organic Centre Wales, 2002. Available online: <http://www.organic.aber.ac.uk/library/Feedblocks%20and%20cost%20effective%20lamb%20production.pdf> (accessed September 10, 2004) Keywords: livestock production; sheep; ewes; lambs; animal health; feeds; economic analysis

914. “The Use of Feed Blocks as Supplementation for the Upland Hill Flock: Improving Organic Ewe Productivity and Performance,” by Barbara M. L. McLean, David Frost, and Eifion D. Evans. In *UK Organic Research 2002: Proceedings of the COR Conference, 26-28th March 2002, Aberystwyth*, edited by Jane Powell et al., pp. 277-278. Aberystwyth: Organic Center Wales, 2002. Available online: <http://www.organic.aber.ac.uk/library/Feedblocks%20and%20upland%20ewe%20productivity.pdf> (accessed September 10, 2004) Keywords: livestock production; sheep; ewes; feeds; grazing; animal health; reproductive traits

Small Ruminant Production – Dairy Animals – Animal Husbandry and Welfare

915. “Comparison of Organic with Conventional Feeding Systems of Lactating Dairy Ewes in Greece,” by G. Zervas et al. In *Livestock Farming Systems: Integrating Animal Science Advances into the Search for Sustainability: Proceedings of the Fifth International Symposium on Livestock Farming Systems, Posieux, Fribourg, Switzerland, 19-20 August, 1999*, edited by D. Gagnaux and J. R. Poffet, pp. 107-111. Wageningen, Netherlands: Wageningen Pers, 2000. Keywords: livestock production; sheep; ewes; feeds; grazing; milk production; milk yield; comparisons; Greece

916. “From Grass to Goats to Cheese: Farm Based Cheese-Making at Capri Cheese,” by L. Rose. *The Organic Broadcaster (MOSES The Midwest Organic and Sustainable Education Service)* (2002) Available online: <http://www.mosesorganic.org/ob/capri.htm> (accessed September 10, 2004) Keywords: goats; pasture management; cheesemaking; dairy products

917. “Organic Animal Husbandry Conversion in Navarra, Spain,” by J. M. Ameztoy. In *Diversity of Livestock Systems and Definition of Animal Welfare: Proceedings of the Second NAHWOA Workshop, Cordoba, Spain, January 8-11, 2000*, edited by M. Hovi and R. Garcia Trujillo, pp. 35-29. Reading, UK: University of Reading Library, 2000. Available online: <http://www.veeru.reading.ac.uk/organic/proc/proceedings.htm> (accessed September 10, 2004) Keywords: livestock production; sheep; cattle; organic transition; organic certification; Spain

918. “Organic Dairy Goat Farming: Intramammary Infections, Milk Production and Quality,” by P. Moroni et al. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 153-156 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.

Keywords: goats; milk; milk composition; milk production; animal diseases; Italy

919. "Preliminary Results of an Organic Dairy Sheep Farming System in the Sardinian Lowlands," by N. Fois, S. Ligios, and M. Sitzia. In *Livestock Farming Systems: Integrating Animal Science Advances into the Search for Sustainability: Proceedings of the Fifth International Symposium on Livestock Farming Systems, Posieux, Fribourg, Switzerland, 19-20 August, 1999*, edited by D. Gagnaux and J. R. Poffet, pp. 120-122. Wageningen, Netherlands: Wageningen Pers, 2000.

Keywords: dairy farming; feeds; milk; milk production; ewes; sheep; forage; grazing; Italy

920. "Proposed Husbandry Practices to Ensure Animal Health and Product Quality in Organic Sheep and Goat Production Systems," by G. Arsenos et al. In *Organic Livestock Farming: Potential and Limitations of Husbandry Practice to Secure Animal Health, Welfare and Food Quality: Proceedings of the 2nd SAFO*

Workshop, 25-27 March, University of Kassel, Witzenhausen, Germany, edited by M. Hovi, A. Sundrum, and S. Padel. Reading, UK: Sustaining Animal Health and Food Safety in Organic Farming (SAFO); University of Reading, 2004.

Available online:

http://www.safonetwork.org/publications/wp2pub/2_S_AFO_pro.pdf (accessed September 10, 2004)

Keywords: goats; sheep; milk production; Greece

921. "The Role of a Dairy Sheep Flock in Achieving Sustainability of an Organic Mixed Farm," by D. Dimov et al. In *Livestock Farming Systems: Integrating Animal Science Advances into the Search for Sustainability: Proceedings of the Fifth International Symposium on Livestock Farming Systems, Posieux, Fribourg, Switzerland, 19-20 August, 1999*, edited by D. Gagnaux and J. R. Poffet, pp. 116-119. Wageningen, Netherlands: Wageningen Pers, 2000.

Keywords: biological control; cropping systems; dairy farming; milk production; sheep; Bulgaria

Small Ruminant Production – Fiber Products

922. "Introducing Organic Sheep and Cashmere Goat Farming Systems in Norway," by L. O. Eik and L. J. Asheim. In *Organic Meat and Milk From Ruminants: Proceedings of a Joint International Conference Organised by the Hellenic Society of Animal Production and the British Society of Animal Science, Athens, Greece, 4-6 October 2001*, edited by I. Kyriazakis and G. Zervas, pp. 147-151 (EAAP Publication 106). Wageningen, Netherlands: Wageningen Academic Publishers, 2002.

Keywords: farming systems; livestock production; goats; sheep; Norway

923. "The Move Towards Organic Output," *Wool Record* 160, no. 3682 (2001): 38-39. [NAL Call #: HD9890.1.W6]

Keywords: organic certification; breeds; wool; sheep; Argentina

924. "Organic Fibers: Dress Yourself and Your Home in Style with a Conscience," by Wendy Priesnitz. *Natural Life Magazine* May/June (2004)

Available online: <http://www.life.ca/nl/97/fibers.html> (accessed September 10, 2004)

Keywords: wool; marketing; consumer economics

925. *Organic Wool Fact Sheet*. Greenfield, MA: Organic Trade Association, 2003.

Available online:

<http://www.ota.com/organic/woolfactsheet.html> (accessed September 10, 2004)

Keywords: sheep production; wool; wool production

926. *Organic Wool Production in the United States and Canada: 2001*, by Organic Trade Association. Greenfield, MA: Organic Trade Association, 2003.

Available online:

<http://www.ota.com/news/press/121.html> (OTA News Release) (accessed September 10, 2004)

Keywords: sheep; wool; wool production; research; economic outlook and situation; marketing

927. "We Dream of Green Sheep," by S. Thomas and F. Brien. *Wool Technology and Sheep Breeding* 50, no. 3 (2002): 327-334. *Note:* Paper: Inaugural sheep and wool industry conference, Victoria, Australia, 2002. [NAL Call #: 304.8 W888]

Keywords: sheep; marketing; markets; wool; wool production; Australia

ORGANIC PRODUCTION OF OTHER SPECIES

Production of Other Species – All

928. “Comparative Growth Performance of Swamp Buffalo Calves Under Semi-Intensive and Open Pasture Systems in Malaysia,” by M. I. Sukri, Y. Nordin, and S. R. Abdullah. In *Proceedings, 4th World Buffalo Congress, Sao Paulo, Brazil, 27-30 June, 1994*, edited by W. G. Vale, V. H. Barnabe, and J. C. A. d. Mattos, pp. 79-81 1994.
Keywords: buffaloes; free-range husbandry; feeds; pasture management; tropics; animal nutrition

929. “Forest Based Livestock Production in Relation to Organic Animal Husbandry Standards: A Case Study,” by Samajdar Tanmay et al. *Indian Journal of Animal Health* 40, no. 1 (2001): 36-40. [NAL Call #: SF1.I4]
Keywords: livestock production; case studies; agroforestry; buffaloes; India

930. “Habitat and Resource Selection of Free-Ranging Buffaloes and Cattle on a Floodplain Range in the Lower Amazon, Brazil,” by P. A. Sheikh, A. Azinilson, and D. McGrath. In *Proceedings of the 1st Buffalo Symposium of Americas, Belem, Para, Brazil, 1-4 September 2002*, edited by W. G. Vale, B de Lourenco Junior, and O. M. Ohashi, pp. 521-524. Belem, Brazil: Associacao de Criadores de Bufalos do Para, 2002.
Keywords: buffaloes; animal behavior; forage; free-range husbandry; grasslands; grazing; habitats; Brazil

931. *A Healthy Horse the Natural Way*, by Catherine Bird. London: New Holland, c2002. [NAL Call #: SF951 .B57 2002]
Keywords: horses; animal health; alternative medicine; veterinary medicine

932. *Housing, Husbandry, Care & Welfare of Selected Birds (Quail, Pheasant, Finches, Ostrich, Dove, Parrot*

& Others), by Richard L. Crawford et al. (AWIC Resource Series No. 26). Beltsville, Maryland: Animal Welfare Information Center, National Agricultural Library, 2004. *Note:* Published in cooperation with the Virginia-Maryland Regional College of Veterinary Medicine [NAL Call #: aHV4701 .A94 no. 26]
Available online:
<http://www.nal.usda.gov/awic/pubs/Birds/birds.htm> (accessed September 10, 2004)

Keywords: bibliographies; animal welfare; animal diseases; alternative livestock; aviary birds; game birds

933. “Organic Productions with “Other” Animals,” by A. Martini. In *Human Animal Relationship: Stockmanship and Housing in Organic Livestock Systems: Proceedings of the Third NAHWOA Workshop, Clermont Ferrand, France, October 21-24, 2000*, edited by M. Hovi and M. Bouilhol, pp. 146-150. Reading, UK: Network for Animal Health and Welfare in Organic Agriculture, University of Reading, 2001.
Available online:
<http://www.veeru.reading.ac.uk/organic/ProceedingsFI NAL.pdf> (accessed September 10, 2004)

Keywords: game birds; laws and legislation

934. “Study of the Grazing Behaviour and Forage Utilization of Free Range Buffalo Herds,” by H. Peiris and A. Perera. In *Role of the Buffalo in Rural Development in Asia: Proceedings of a Regional Symposium, Peradeniya, Sri Lanka, 10-15 December 1995*, edited by B. M. A. O. Perera et al., pp. 273-279. Colombo, Sri Lanka: NARESA Press, 1996.
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APPENDIX A: Selected Databases and Information Resources Searched in Compiling Organic Livestock Production: A Bibliography

- *AgEcon Search*, Research in Agricultural and Applied Economics, University of Minnesota <http://agecon.lib.umn.edu/>
- *AGRICOLA*, National Agricultural Library <http://agricola.nal.usda.gov/>
- *Agricultural Marketing Resource Center (AgMRC)*, A National Information Resource for Value-Added Agriculture <http://www.agmrc.org/>
- *Animal Welfare Institute (AWI) Bibliography* <http://www.awionline.org/>
- *Appropriate Technology Transfer for Rural Areas (ATTRA)*, Publications List <http://attra.ncat.org/livestock.html>
- *Biological Sciences*, Cambridge Scientific Abstracts <http://www.csa.com/csa/factsheets/biolset.shtml>
- *Cyber-Help for Organic Farmers*, A Rural Capacity Building Through Organic Agriculture Project (RCBTOA) (Canada) <http://www.certifiedorganic.bc.ca/rcbtoa/index.html>
- *Ecological Agriculture Project (EAP)*, McGill University <http://www.eap.mcgill.ca/>
- *Food Science and Technology Abstracts (FSTA)*, IFIS Publishing <http://www.ifis.org/>
- *Missouri Alternatives Center (MAC)*, Extension Information on Alternatives Database <http://agebb.missouri.edu/mac/links/>
- *Network for Animal Health and Welfare in Organic Agriculture (NAHWOA)*, Workshop Proceedings <http://www.veeru.reading.ac.uk/organic/events.htm>
- *Organic Center Wales*, Web Site and Meeting Proceedings <http://www.organic.aber.ac.uk/index.shtml>
- *Organic Eprints*, Archive <http://orgprints.org/>
- *OrganicAgInfo*, Organic Agriculture Information <http://www.organicaginfo.org/>
- *Organic-research.com*, CABI Publishing, <http://www.organic-research.com/>
- *PubMed/MEDLINE*, National Library of Medicine, <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi>
- Various Land Grant University/Extension publication lists including Iowa State University and University of Wisconsin
- *Zoological Record*, Thomson Scientific <http://www.biosis.org/products/zr/>

APPENDIX B - Obtaining Full-text Journal Articles

Copyright law prevents free access to most published journal article text. There are several ways to receive copies of the articles you need. Most methods involve a fee.

- From an academic library that carries the journal(s) of interest, in print or electronic format: Most academic library catalogs are now available for searching through the web. Check catalog for journal title and back issue “holdings.” For a directory of U.S. Land Grant University Libraries: http://www.nal.usda.gov/pubs_dbs/landgrant.htm
- From an Interlibrary Loan request at your local or academic library: Ask at your library about this service; present the complete journal citation if available. Non-U.S. searchers should consult an Agricultural Libraries Network (AGLINET) participating library for Interlibrary loan services in their country, http://www.fao.org/library/_info_services/Index.asp [click on “Partnerships/Networks“]
- From a journal publisher's archives: Many publishers provide reprint distribution and/or online delivery services for individual journal articles or issues. Check with the individual publisher for availability.
- From a commercial document delivery service: Examples of commercial services (no endorsement intended):

Infotrieve, 800-422-4633, <http://www.infotrieve.com/>

Information Express, 650-812-3588, <http://www.ieonline.com/docdel.html>

Ingenta, 800-296-2221 (within US only) or 617 395 4046, <http://www.ingenta.com/>

ISI Document Solution, 800-603-4367, <http://www.isinet.com/documentdelivery/>

Linda Hall Library, 800-662-1545, <http://www.lindahall.org/>

See also: *Document Delivery Specialists - Agriculture*,
<http://www.docdel.net/Agriculture.html>

APPENDIX C - USDA National Organic Program Information

- NOP Standards/ Regulatory Text <http://www.ams.usda.gov/nop/NOP/standards.html>
- Production and Handling Factsheet <http://www.ams.usda.gov/nop/FactSheets/ProdHandE.html>
- Labelling and Marketing Factsheet <http://www.ams.usda.gov/nop/FactSheets/LabelingE.html>
- National List of Allowed and Prohibited Substances Information
<http://www.ams.usda.gov/nop/NationalList/ListHome.html>
- List of the USDA Accredited Certifying Agents (ACAs)
<http://www.ams.usda.gov/nop/CertifyingAgents/Accredited.html>
- List of organic feedgrain producers and handlers
<http://www.ams.usda.gov/nop/ProdHandlers/FeedProducers.html>

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