

Small Ruminant Resources

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Following are many sources of information helpful to producers of small ruminants. Further resources may be available at your county Extension office, through your state land-grant university, or your local library.



Types of Resources

ATTRA Publications

ATTRA publications are available at no cost and may be requested by calling 800-346-9140. You may also download publications at our Web site: www.attra.ncat.org.

Books

The books listed offer useful information on a wide variety of production and marketing issues. These titles may be available at your local library or through inter-library loan. Most of these books will be worthwhile purchases for those new to sheep or goat production. Previewing the books at a library is the best way to select the titles that will be most useful to you.

Used copies may be available through on-line services or through other booksellers. Many suppliers of sheep and goat equipment also offer books in their catalogs, and titles are available from the publishers as well.

Web sites

This is not intended to be a comprehensive list, but these Web sites offer convenient access to a lot of information. Web sites frequently change; please let us know if a link does not work so we can keep this list current. Call 800-346-9140 to report any problems with this list.

Other resources

Included here are DVDs and other useful tools that do not fit into the above categories.

A sampling of magazines, organizations, suppliers, and publishers is listed at the end of the document. Listing does not imply endorsement.

Resources are numbered to help users of ATTRA's *Small Ruminant Sustainability Checksheet* locate relevant information for improving their farms. This list works in tandem with the Farm Action Plan included in that document.

I. General: Sheep and Goats

1) An Illustrated Guide to Sheep and Goat Production

This basic and heavily illustrated introduction to sheep and goat production discusses animal selection, feeding, breeding and young stock, equipment and handling, and marketing.

2) Small Ruminant Sustainability Checksheet

This checksheet is designed to stimulate critical thinking when evaluating a farm that produces sheep or goats. The sustainability of a farm depends on many factors involving farm management, use of resources, and quality of life. The questions in the checksheet are intended to stimulate awareness rather than to rate management practices. Use this guide to define areas in your farm management that might be improved, as well as to identify areas of strength.

3) Small-Scale Livestock Farming: A Grass Based Approach for Health, Sustainability, and Profit

Ekarius, Carol. 1999. Storey Books, Pownal, VT. 217 p.

Not specific to any species of livestock; contains farmer profiles and quite a bit of holistic planning and economic information. Very complete in treatment of rotational grazing.

4) Sheep Housing and Equipment Handbook

Hirning, Harvey J., Tim C. Faller, Karl J. Hoppe, Dan J. Nudell, and Gary E. Ricketts. 1994. MidWest Plan Service, Ames, IA. 90 p.

These plans are also useful for goats, and include a few plans specific to goats.

5) USDA

www.usda.gov

To go directly to the sheep and goat information, use this link: http://riley.nal.usda.gov/nal_display/index.php?info_center=8&tax_level=2&tax_subject=10&topic_id=1735

6) NRCS

www.nrcs.usda.gov

7) ATTRA—National Sustainable Agriculture Information Service

www.attra.ncat.org

8) Maryland Small Ruminant Page

www.sheepandgoat.com

Don't miss this site. It is the most comprehensive and easy-to-use site for sheep and goat producers, and links to many of the Web resources listed in this document. The site is so extensive that using the search function is recommended; otherwise, it might take several clicks to find what you are looking for. The home page alone contains a wealth of information, including links to PowerPoints and spreadsheets, the Sheep 101 and Sheep 201 courses, the Wild and Woolly Sheep and Goat Newsletter, a reference list that includes many fine books and tabs to many useful articles covering every conceivable aspect of sheep and goat production. This portal is run by Susan Schoenian, University of Maryland Extension, and it is the first place to go if you have Web access. Her work is top-notch. The site includes numerous resources not contained in this ATTRA resource list.

9) Kentucky Sheep and Goat Development Office

www.kysheepandgoat.org

10) Sheep and Goat Extension and Research, Texas A&M University

<http://animalscience.tamu.edu/academics/sheep-goats/index.htm>

11) Sheep and Goats, Virginia Polytechnic Institute and State University Extension

<http://pubs.ext.vt.edu/category/sheep-goats.html>

II. General: Sheep

12) Dairy Sheep

This publication offers additional information and resources and includes a quick overview of production considerations.

13) Sheep: Sustainable and Organic Production

This publication takes a look at breed selection, feeding, health management, and innovative marketing of meat and wool products.

14) Storey's Guide to Raising Sheep: Fourth Edition

Simmons, Paula and Carol Ekarius. 2009. Storey Publishing, LLC., Pownal, VT. 400 p.

This book is a very useful resource covering many aspects of raising and marketing sheep and their products. Enjoyable to read and helpful to both beginners and experienced producers.

15) Storey's Barn Guide to Sheep

Burns, Deborah, Sarah Guaro and Dale Perkins, editors. 2006. Storey Publishing, LLC. Pownal, VT. 96 p.

This spiral-bound book with large, heavy-duty pages is designed to accompany the farmer to the barn and is complete with step-by-step guides and many straightforward illustrations. A companion to Storey's Guide to Raising Sheep.

16) Practical Lambing and Lamb Care: Third Edition

Eales, Andrew, John Small and Colin Macaldowie. 3rd Edition. 2004. Blackwell Publishing, Ltd., Oxford, U.K. 272 p.

This book provides practical guidance on all aspects of lambing and lamb care, including preventing and dealing with health issues, and ewe care.

17) Managing Your Ewe

Lawson, Laura. 1997. LDF Publications, Culpeper, VA. 352 p.

Information on preparation for breeding, lambing, and aftercare.

18) Changes in the Sheep Industry

National Research Council. 2008. The National Academic Press, Washington, D.C. 347 p.

A comprehensive report covering the history and current state of the U.S. sheep industry. Also includes information on breeds, health issues, and marketing.

19) Sheep Success

Griffith, Nathan. 2000. Cobblemead Publications, Trout, WV. 204 p.

Long-established but not widely known strategies for breeding, growing, and selling sheep.

20) Sheep Production Handbook

This reference handbook, covering the basics of sheep production, is for beginning and experienced sheep producers alike.

American Sheep Industry Association

9785 Maroon Circle, Suite 360

Englewood, CO 80112

303-771-3500, ext. 32

www.sheepusa.org

21) American Sheep Industry Association

www.sheepusa.org

22) Hair Sheep Research and Information

www.sheepandgoat.com/HairSheepWorkshop/index.html

23) National Sheep Improvement Program

www.nsip.org

24) Oregon State University

<http://ans.oregonstate.edu/extension/sheep/index.htm>

25) Penn State Sheep Publications

<http://pubs.cas.psu.edu/PubTitle.asp?varTitle=sheep&Submit=Go>

26) Sheep Extension Program, Farm Flock Sheep Production Handbook, Montana State University

<http://animalrangeextension.montana.edu/articles/sheep/handbook/handbook-TOC.htm>

27) Sheep Information - Cornell University STAR System

www.ansci.cornell.edu/sheep/management/breeding/star/

- 28) University of Kentucky Sheep Publications**
www.uky.edu/Agl/AnimalSciences/farm/sheeppub.htm
- 29) University of Minnesota Extension Sheep Publications**
www.extension.umn.edu/listing.html?topic=8&subcat=79
- 30) University of Tennessee Sheep Extension**
<http://animalscience.ag.utk.edu/Sheep/Publications-Sheep.html>
- 31) University of Wisconsin Sheep Extension**
www.ansci.wisc.edu/Extension-New%20copy/sheep/index.html
- 32) Sheep Management Wheel**
www.pipestonesheep.com/sheepmanagementwheel.html

To order a Pipestone Sheep Management Wheel, send \$10 (checks payable to Minnesota West) to:
 Pipestone Lamb and Wool Program
 1314 North Hiawatha
 P. O. Box 250
 Pipestone, MN 56164
 or contact at:
 Phone: 507-825-6806

The Pipestone Sheep Management Wheel is designed to make ewe flock management decisions simple and easy. The wheel is basically a management calendar. It works by setting the date you lamb, and all the management tasks that you need to do for the ewe and her lambs for the entire year are indicated on the wheel.

III. General: Goats

-  **33) Meat Goats: Sustainable Production**
Offers information specific to meat goat production and should be read after the companion publication, Goats: Sustainable Production Overview. This document discusses selection, breeds, marketing, feeding, profitability, and other topics. It includes sample budgets, case studies of farms in Montana and Missouri, and many further resources.
-  **34) Goats: Sustainable Production Overview**
Discusses considerations of raising goats on pasture, including grazing, supplemental feeding, health concerns, reproduction, and management, as well as marketing and profitability.
-  **35) Dairy Goats: Sustainable Production**
This publication is intended for those interested in starting a commercial goat dairy. It discusses the five major considerations to be addressed in planning for dairy goat production: labor, sales and marketing, processing, regulations, and budgeting and economics. It includes production information specific to dairy goats, including choosing breeds and selecting stock.
- 36) Meat Goats: Their History, Management, and Diseases**
 Mitcham, Stephanie and Allison Mitcham. 2000. Crane Creek Publications, Sumner, IA. 264 p.
A well-written combination of the authors' personal experiences raising goats, veterinary knowledge (Stephanie Mitcham is a DVM), and a compilation of information from other experts in the field. Includes information about handling systems (hard to find elsewhere).
- 37) Storey's Guide to Raising Dairy Goats**
 (Revised and updated; originally called *Raising Milk Goats the Modern Way*)
 Belanger, Jerry. 2001. Storey Books, Pownal, VT. 288 p.
Very good general information for producers of dairy goats.
- 38) Goats and Goatkeeping**
 Thear, Katie. 1988. Merehurst Press, London, U.K. 176 p.
Very interesting book for goat producers, geared for the small farm. Covers milk, meat, and fiber. Practical and concise, very similar to The New Goat Handbook, but with added detail.

39) The Goat Handbook

Judas, Ulrich and Seyedemehdi Mobini. 2006. Barron's Educational Series, Inc., Hauppauge, NY. 144 p.
The compact size of this book makes it easy to keep handy, and it is full of photographs, line drawings, and useful information. Includes basic information on care, housing, breeding, and upkeep in non-technical language.

40) Goat Husbandry: Fifth Edition, revised and edited by Ruth Goodwin

Mackenzie, David. 1993. Faber & Faber, London, U.K. 355 p.
British terminology, very good reading — a classic.

41) Angora Goats the Northern Way: Fourth Edition

Drummond, Susan Black. 1993. Stoney Lonesome Farm, Freeport, MI. 239 p.

42) Raising Goats for Milk and Meat: Third Edition

Sinn, Rosalee. 2008. Heifer International, Little Rock, AR. 218 p.
Written for producers with limited resources, this is a very practical book, much expanded over the previous version; don't miss the chapter on health, which includes emphasis on prevention. Educators will appreciate the format of this book, in which the 10 chapters are presented as learning guides and lessons. This is an ideal course for educators working with groups and for self-study.

43) Your Goats: A Kid's Guide to Raising and Showing

Damerow, Gail. 1993. Storey Books, Pownal, VT. 172 p.
Gail Damerow writes very good books; this one is easy to understand and very informative. Not just for kids.

44) Raising Meat Goats for Profit

Bowman, Gail. 1999. Bowman Communications, Inc., Twin Falls, ID. 256 p.
This "how-to" book is a wonderful resource for goat breeders. It includes information about the meat breeds, how to get started with meat goat production, feed ration tables, kidding and raising kids, how to sell your goats, and information on health and diseases, as well as recipes.

45) Storey's Guide to Raising Meat Goats

Sayer, Maggie. 2007. Storey Publishing, LLC., Pownal, VT. 320 p.

46) Simply Meat Goats

Solaiman, Sandra G. 2006. George Washington Carver Agricultural Experiment Station, Tuskegee University, Tuskegee, AL. 118 p.

47) Oklahoma Basic Meat Goat Manual

Oklahoma Cooperative Extension Service and Oklahoma State University. 2008. Oklahoma State Extension. 100 p.
To view online or order a copy, visit <http://meatgoat.okstate.edu> or contact JJ Jones at 580-332-7011.

48) Meat Goat Production Handbook

Gipson, T.A., R.C. Merkel, and S. Hart. 2008. American Institute for Goat Research, Langston, OK. 418 p.
Comprehensive and highly useful guide to meat goat production and marketing. See content online at www.luresext.edu/goats/training/qa.html (Web-based Training and Certification Program for Meat Goat Producers). This spiral-bound book is a handy reference.

To acquire a copy, write to

MGPH

Langston University

Box 730

Langston, OK 73050

or access the order form at www.luresext.edu/goats/handbookorderform.pdf. Current cost is \$50, which includes shipping and handling in the U.S.

49) Goats: Small-scale Herding for Pleasure and Profit

Weaver, Sue. 2006. Bow Tie Press. 160 p.
This introductory book discusses choosing, breeding, and tending goats.

- 50) Nutrient Requirements of Small Ruminants: sheep, goats, cervids, and new world camelids**
NRC. 2007. National Academy Press, Washington, DC.
- 51) A Compilation of the Wit and Wisdom of “The Goat Man”**
Pinkerton, Frank. 2010. Published by Goat Rancher Magazine. 334 p.
Dr. Pinkerton has been involved in every aspect of the goat industry and he writes very well, managing to be educational and funny at the same time. This book deals with all aspects of goat production, but is especially strong in the areas of marketing of meat goats, goat enterprise economics and production testing, vital areas that are often overlooked in goat production books.
- 52) Web-based Training and Certification Program for Meat Goat Producers**
www.luresext.edu/goats/training/qa.html
- 53) Meat Goat Home Study Course, Penn State Extension**
<http://bedford.extension.psu.edu/agriculture/goat/Goat%20Lessons.htm>
- 54) Langston University–E (Kika) de la Garza American Institute for Goat Research**
www2.luresext.edu/goats/index.htm
This Web site is packed with solid information for goat producers, whether they raise meat, dairy, or fiber goats. From the home page, you can connect to the Web-based training course (see 52 above), the online manual for conducting fecal egg counts, nutrient requirements calculators (for balancing rations) and more. Use the search button to find information on many goat production topics. The Web-based training course can be browsed and then read one chapter at a time; this is one of the best places to go for information on any aspect of meat goat production.
- 55) Nutrient Requirements of Goats (1981 edition)**
www.nap.edu/openbook.php?record_id=30&page=1
This version is very accessible and useful, but be aware that there is an updated version. See entry above in the book listings.
- 56) North Carolina State University – Extension Animal Husbandry (see Meat Goat)**
www.cals.ncsu.edu/an_sci/extension/animal/eahmain.html
- 57) Meat Goat Selection, Carcass Evaluation, and Fabrication Guide**
www.lsuagcenter.com/en/crops_livestock/livestock/sheep_goats/Meat+Goat+Selection+Carcass+Evaulation+and+Fabrication.htm
- 58) Tennessee Grazing Planner**
www.tn.nrcs.usda.gov/technical/grazing/docs/calendar%202008%20goats.pdf
- 59) Goat World**
www.goatworld.com
- 60) Boer and Meat Goat Information**
www.boergoats.com
- 61) Penn State Meat Goat Research and Publications**
www.das.psu.edu/goats/research
- 62) American Dairy Goat Association**
www.adga.org/
- 63) The Dairy Goat Journal**
www.dairygoatjournal.com
- 64) Wisconsin Dairy Artisan Network**
<http://wisconsinindairyartisan.org/goats.html>
- 65) Meat Goat Management Wheel**
<http://extension.missouri.edu/publications/DisplayPub.aspx?P=MP913>

The versatile, easy-to-use Meat Goat Management Wheel simplifies decisions about meat goat management and production. The wheel is a management calendar that helps you schedule tasks. It contains lots of general management information that can be adjusted for individual operations and different management styles.

Order from University of Missouri Extension Publications
<http://extension.missouri.edu/publications/>
573-882-7216

66) Meat Goat Production and Marketing DVD

www.ssawg.org/virtualfarm.html#goats

This video illustrates the story of Bill Legg's pastured meat goat operation, within the setting of his diverse Tennessee farm. The practical information includes goat breeds and breeding tips, pasture management, pest control, marketing, and more – as told by the farmer.

Southern Sustainable Agriculture Working Group (SSAWG) DVD series

Southern SAWG's video series titled Natural Farming Systems in the South provides an easy, economical way to take a virtual tour of some highly successful farming operations in the region. Compiled in partnership with the USDA's Risk Management Agency, these broadcast-quality videos feature farmers who detail in plain-spoken terms their whole farming systems and each component unique to their particular operations.

Videos in the series include Meat Goat Production and Marketing, Artisan Cheese Making, and more. Visit www.ssawg.org/virtualfarm.html to order the videos, take virtual farm tours, download the Meat Goat Resource List, or watch short video clips. Call 479-251-8310 to order DVDs. Currently they are \$15 each (plus shipping and handling).

IV. Forages

67) Assessing the Pasture Soil Resource

How to take a soil sample and an easy way to assess soil biological activity and water infiltration. Assessment sheet included.

68) Multispecies Grazing

Brief overview of why multispecies grazing is beneficial, as well as considerations for management.

69) Paddock Design, Fencing, and Water Systems for Controlled Grazing

This publication covers some of the basics of paddock design and current fencing and water technology.

70) Rotational Grazing

How to manage pastures and grazing animals to make more profitable use of a farm's resources.

71) Pastures: Sustainable Management

This publication looks at managing fertility and pests, grazing systems, conserved forages, and maintaining productivity. It includes additional resources.

72) Pasture, Rangeland, and Grazing Management

This publication profiles the general types of pastures and rangelands and offers information about management and expected yields. Weed management strategies are also discussed, and tips are offered to rehabilitate depleted land. Issues in grazing management, such as paddock development, plant selection, drought and plant toxicosis, are also discussed. Resources and references are also included.

73) Pastures: Going Organic

This publication is an introduction to regulations related to organic pasture and rangeland in the United States. Fertility, weed, and insect pest management issues are briefly addressed. Organic integrity is discussed, including records required to demonstrate compliance with the National Organic Standards. References and resources follow the narrative.

74) Ruminant Nutrition for Graziers

This publication provides managers with tools and references to assess biological and climatological variables and make decisions that ensure the ecological and economic viability of a grass-based ruminant operation.

75) Small-Scale Livestock Farming: A Grass Based Approach for Health, Sustainability, and Profit

Ekarius, Carol. 1999. Storey Books, Pownal, VT. 217 p

Not specific to any species of livestock; contains farmer profiles and quite a bit of holistic planning and economic information. Very complete in treatment of rotational grazing.

76) Southern Forages

Ball, D.M., C. S. Holveland, and G.D. Lacefield. 2002. Potash & Phosphate Institute (PPI). Norcross, GA. 322 p.

This handy book includes color photos to help in forage identification, as well as very readable and useful treatments of forage programs, options in forages, establishing forages, managing grazing, minimizing stored feed requirements, dealing with poisonous plants, and much more. A chapter on forage quality is followed by a chapter on the nutrient requirements of livestock. All graziers in the South will benefit from reading and using this book. Printed on durable enameled paper, this book is compact and includes lots of tables, graphics and photos. Softcover. "From dashboards of trucks to libraries, this book will be dog-eared from regular use." (Dr. Jimmy Henning, University of Kentucky Extension Forage Specialist)

Order from:

Potash & Phosphate Institute (PPI)

655 Engineering Drive, Suite 110

Norcross, Georgia 30092-2837

Phone: 770-825-8082

E-mail: circulation@ppi-far.org

77) Comeback Farms: Rejuvenating Soils, Pastures and Profits with Livestock Grazing Management

Judy, Greg. 2008. Acres USA. Austin, TX. 278 p.

This book expands on the cattle operation and includes first-hand experience with high density multi-species grazing, specifically for sheep, goats, and pigs. Tips are included on how to work with nature without costly inputs and letting the animals be your labor force.

78) Targeted Grazing: A Natural Approach to Vegetation Management and Landscape Enhancement

National Sheep Industry Improvement Center and American Sheep Industry Association. 2006.

American Sheep Industry Association, Centennial, CO. 199 p.

To view online or order a copy, visit www.cnr.uidaho.edu/rx-grazing/Handbook.htm or contact

American Sheep Industry Association

9785 Maroon Circle, Suite 360

Englewood, CO 80112

303-771-3500, ext. 32

79) More Sheep, More Grass, More Money

Schroedter, Peter. 1997. Ramshead Publishing, Ltd. Moosehorn, Manitoba. p.112

Personal experiences of the author emphasizing the need to make a profit with the sheep enterprise. It includes examples of how to cut costs and increase profits. Emphasis on grazing management. Very practical.

80) Tennessee Grazing/Browsing Calendar

www.tn.nrcs.usda.gov/technical/grazing/docs/calendar%202008%20goats.pdf

While the title indicates "2008," this calendar is useful every year as a reminder of good management practices for your pasture and goats. This tool is concise, informative, and loaded with tips to benefit your whole farm. Record sheets are included at the end of the 23-page document.

81) Intermountain Planting Guide

Jensen, Kevin, and Howard Horton, Ron Reed, and Ralph Whitesides. Utah State University. 106 p.

http://extension.usu.edu/files/publications/publication/pub__7717229.pdf

82) Extending Grazing and Reducing Stored Feed Needs

<http://lagebb.missouri.edu/mfgc/2009extgraz.pdf>

This 20-page publication is ANR-1357 and is available at some Extension offices.

- 83) **University of Wisconsin Extension Pasture Management and Grazing**
www2.uwrf.edu/grazing
- 84) **Livestock for Landscapes**
www.livestockforlandscapes.com
- 85) **BEHAVE- Behavioral Education for Human Animal Vegetation and Ecosystem Management**
www.behave.net
- 86) **Alberta Forage Manual**
[www1.agric.gov.ab.ca/\\$department/deptdocs.nsf/all/agdex16](http://www1.agric.gov.ab.ca/$department/deptdocs.nsf/all/agdex16)
- 87) **Montana State University**
<http://www.msuextension.org/store/Departments/Agriculture-Topic-Categories/Range-Management.aspx>
- 88) **ARS Range Monitoring Manuals**
http://usda-ars.nmsu.edu/monit_assess/index.html
- 89) **Interpreting Indicators of Rangeland Health**
ftp://ftp-fc.sc.gov.usda.gov/GLTI/technical/publications/IIRH_v4_8-15-05.pdf
- 90) **USDA Pasture Condition Score System**
<http://ddr.nal.usda.gov/bitstream/10113/37920/1/IND44315660.pdf>
- 91) **Guide to NRCS Pasture Condition Scoring**
<ftp://ftp-fc.sc.gov.usda.gov/GLTI/technical/publications/pasture-score-guide.pdf>
- 92) **Pasture Condition Score Sheet**
<ftp://ftp-fc.sc.gov.usda.gov/GLTI/technical/publications/pasture-score-sheet.pdf>
- 93) **Multi-Species Grazing and Leafy Spurge CD**
 TEAM Leafy Spurge. 2002.
 USDA-ARS Northern Plains
 Agriculture Research Laboratory
 1500 North Central Avenue
 Sidney, MT 59270
 406-433-2020
www.team.ars.usda.gov

This CD provides a variety of useful information about using grazing as an effective, affordable, and sustainable leafy spurge management tool. It contains economic reports, posters, photos, a PowerPoint presentation, extensive bibliography, and more. A great resource.

94) **GOATS! For Firesafe Homes in Wildland Areas CD**

Kathy Voth
 6850 West County Road 24
 Loveland, CO 80538
www.livestockforlandscapes.com

This CD/Handbook is designed to provide fire managers, communities, and livestock owners information on using goats to reduce fire danger. It includes expected results, and the “hows” of managing animals, choosing treatment sites, developing contracts for services, estimating costs, and starting projects. This is a great CD with some excellent videos.

V. Animal Health

 95) **Managing Internal Parasites in Sheep and Goats**

This publication discusses new techniques to manage parasites and to prolong the efficacy of dewormers. New management tools that remain under investigation are also discussed. A list of resources follows the narrative.

-  **96) Tools for Managing Internal Parasites in Small Ruminants: Copper Wire Particles**
This publication contains information on how to make boluses of copper wire oxide particles and reports results of studies on the effectiveness of this treatment.
-  **97) Tools for Managing Internal Parasites in Small Ruminants: Sericea Lespedeza**
This publication discusses tools that can be used to manage internal parasites of sheep and goats that are becoming resistant to conventional wormers. One such tool is the forage sericea lespedeza, and the publication discusses how it can be used and presents the results of research on how it reduces parasites in small ruminants.
-  **98) Predator Control for Sustainable and Organic Livestock Production**
This publication focuses primarily on the control of coyotes and dogs, the main causes of livestock loss to predation, through management practices such as fencing and secure areas and the use of guard animals.
-  **99) Integrated Parasite Management for Livestock**
With parasites developing resistance to all dewormers, and more farmers producing livestock by “natural” methods, there is interest in looking for alternative ways to manage parasite problems. This publication offers a systems approach to assess and manage the soil, forages, and animals to decrease internal parasites and their effects.
- 100) Sheep and Goat Medicine**
 Pugh, D.G. 2002. W.B. Saunders Company, Philadelphia, PA. 468 p.
A great gift for a veterinarian. A wealth of information for producers and for veterinarians. Knowledge of veterinary terminology will be helpful in using this book.
- 101) A Veterinary Guide for Animal Owners: Second Edition**
 Spaulding, C.E and Jackie Clay. 2nd Edition. 2001. Rodale, Inc., Emmaus, PA. 432 p.
A very readable and practical book with chapters on cattle, horses, hogs, sheep, goats, dogs and cats.
- 102) Keeping Livestock Healthy: Fourth Edition**
 Haynes, N. Bruce. 2001. Storey Publishing, LLC., Pownal, VT. 352 p.
Covers cattle, horses, swine, sheep, and goats. A good book for learning about diseases in general, with emphasis on prevention. Most attention is given to large animals.
- 103) ...May Safely Graze: Protecting Livestock Against Predators**
 Fytche, Eugene. 1998. Published by the author. 103 p.
 Available from:
 Eugene Fytche
 R.R. #1
 Almonte, Ontario. K0A 1A0.
This book explores how to identify and quantify the predator problem and includes information on many methods to control the predators, including guard animals, fencing, and management.
- 104) Livestock Guardians: Using Dogs, Donkeys, and Llamas to Protect your Herd**
 Dohner, Jan Vorwald. 2007. Storey Publishing, LLC., Pownal, VT. 256 p.
A comprehensive guide for farmers struggling to reduce predation of sheep, goats, and other livestock.
- 105) The Complete Herbal Handbook for Farm and Stable: Fourth Edition**
 Bairaclí Levy, Juliette de. 1991. Faber & Faber, London, U.K. 471 p.
Very interesting book offering a different perspective on prevention of disease and production of healthy animals without using conventional medicine.

106) The Dairy Practices Council Small Ruminant Guidelines

Guidelines for the Dairy Industry Relating to Sanitation and Milk Quality for Small Ruminant Operations.

The Dairy Practices Council
51 East Front Street, Suite 2
Keyport, NJ 07735
732-264-2643
www.dairypc.org
Set: \$70.00.

A set of 17 Guidelines relating to small ruminants; each may also be purchased separately. Very good technical information for commercial producers of dairy sheep and goats.

107) Humane Livestock Handling

Grandin, Temple. 2008. Storey Publishing, Pownal, VT. 227 p.

Learn how to improve the day-to-day operation as well as the profitability of your farm by raising healthier, more contented animals. Temple Grandin shares dozens of methods and detailed plans she has developed for low-stress ways to move livestock on pastures, paddocks, and feedlot pens.

108) Small Ruminant Production Medicine and Management Manual

P.O. Box 494
Brigham City, UT 84302
877- 424-7838
Infovets.com

This reference manual contains video, flow charts, photos, and procedure descriptions that are a must for any sheep and goat owner. Find answers to those everyday questions on management, birthing problems, disease prevention/treatment, the proper use of various products, and much more.

109) Alternative Treatments for Ruminant Animals

Dettloff, Paul, DVM. 2004. Acres USA. Austin, TX. 246 p.

www.acresusa.com/books/closeup.asp?prodid=1236&catid=11&pcid=2

This book provides information on natural, organic, and sustainable approaches to animal health. Includes information for sheep and goats.

110) Natural Goat Care

Coleby, Pat. 2001. Acres USA. Austin, TX. 371 p.

Fascinating book; Australian author pays much attention to nutrition and to maintaining health organically. Call 1-800-355-5313.

111) Goat Medicine, Second Edition

Smith, Mary and David M. Sherman. 2009. Wiley-Blackwell, Baltimore, MD. 888 p.

This book is recommended as a useful gift for a veterinarian. Very scientific; some of the terminology will be understood only by a veterinarian, but a few chapters are very useful to producers.

112) Goat Health Handbook: A Field Guide for Producers with Limited Veterinary Service

Theford, T.R. 1983. Printed in collaboration with the Agricultural Experimental Station, University of Arkansas. 123 p.

Available from:
International Winrock Publication Sales
P.O. Box 9363
Arlington, VA 22209-0363

113) Natural Sheep Care

Coleby, Pat. 2006. Acres USA, Austin, TX. 215 p.

This is a natural sheep care book with special attention devoted to breeding for finer wool and meat, land management, and treatment of diseases and other health problems.

114) **Living With Worms in Organic Sheep Production**

Stockdale, Peter. 2008. Canadian Organic Growers, Inc., Ontario, Canada. 79 p

An excellent book that covers parasite life cycles, managing pastures and animals to prevent parasitism, and diagnosis and treatment of internal parasites.

115) **The Sheep Keeper's Veterinary Handbook**

Winter, Agnes and Judith Charnley. 2007. The Crowood Press, Ltd., Ramsbury, Marlborough, U.K. 208 p.

Covers the basics of keeping sheep and common health issues. Focuses on identifying healthy sheep and preventing disease.

116) **American Association of Small Ruminant Practitioners**

www.aasrp.org

117) **National Scrapie Education Initiative**

www.eradicatescrapie.org

118) **Southern Consortium for Small Ruminant Parasite Control**

www.scsrpc.org

119) **Pipestone Veterinary Supply**

www.pipevet.com

VI. Marketing and Business



120) **Direct Marketing**

This publication on direct marketing alternatives—with emphasis on niche, specialty, and value-added products—features many farm case studies, as well as information on enterprise budgets and promotion/publicity. A new section discusses implications of Internet marketing and e-commerce for agriculture.



121) **Evaluating a Rural Enterprise**

This publication is for people who already live in rural areas and want to add new enterprises to their operations. Its sections guide the reader in evaluating resources, assessing finances, gathering information, and marketing. It also discusses choosing an “alternative” enterprise and offers further resources.



122) **Holistic Management**

Introduction to holistic management. Holistic management is a decision-making framework that assists farmers and others in establishing a long-term goal, a detailed financial plan, a biological plan for the landscape, and a monitoring program to assess progress toward the goal. Holistic Management helps managers ask the right questions and guides them in setting priorities.



123) **Keys to Success in Value-Added Agriculture**

This publication presents, largely in the words of fourteen farmers, important lessons they learned in adding value to farm products and marketing directly to consumers.



124) **Overview: Adding Value to Farm Products**

This publication introduces the concept of value-added farm products, explains a few of the nuts and bolts for starting a food processing business, and provides resources for additional information.



125) **Value-Added Dairy Options**

Considerations for those who want to increase profitability by bottling milk, making cheese or yogurt, or doing some other processing of their milk. This publication discusses regulations and organic milk certification and offers resources for further information.

126) **Building a Sustainable Business: A Guide to Developing a Business Plan for Farms and Rural Business**

DiGiacomo, Gigi, Robert King, and Dale Nordquist. 2003. Minnesota Institute for Sustainable Agriculture, Saint Paul, MN, and the Sustainable Agriculture Network, Beltsville, MD. 280 p.

Business planning is an important part of owning and managing a farm. Business plans help farmers demonstrate that they have fully researched their proposed enterprises; they know how to produce their

products, how to sell what they produce, and how to manage financial risks. This comprehensive workbook will guide farmers through every step of the process in creating a business plan. Includes many examples from existing farms. This workbook is a bargain. Available for \$14.00 + \$3.95 S/H by calling 802-656-0484 or 800-909-6472. Publication can also be viewed and downloaded at <http://www.misa.umn.edu/vd/bizplan.html>.

127) Small-Scale Livestock Farming: A Grass Based Approach for Health, Sustainability, and Profit

Ekarius, Carol. 1999. Storey Books, Pownal, VT. 217 p.

Not specific to any species of livestock; contains farmer profiles and quite a bit of holistic planning and economic information. Very complete in treatment of rotational grazing.

128) Making Money with Goats

Winslow, Ellie. 2005. Freefall Press. 193 p.

This book covers many ways to make money with goats, including information on general production, goat milk, meat, skins, fiber, and business planning.

129) Turning Wool into a Cottage Industry

Simmons, Paula. 1991. Storey Books, Pownal, VT. 188 p.

This book is a big help to those who want to use fiber.

130) Changes in the Sheep Industry

National Research Council. 2008. The National Academic Press, Washington, D.C. 347 p.

A comprehensive report covering the history and current state of the U.S. sheep industry. Also includes information on breeds, health issues, and marketing.

131) Marketing out of the Mainstream: A producers' guide to direct marketing of lamb and wool

Kirkpatrick, Tamra and James Bell. 1995. Sheep Industry Development Program. Englewood, CO. 57 p.

Available as a PDF from the American Sheep Industry Web site. See www.sheepusa.org/Publications. This site also includes up-to-date reports about marketing, and the Sheep Care Guide.

132) Holistic Management: A New Framework for Decision Making

Savory, Allan, and Jody Butterfield. 1999. Island Press, Washington, D.C. 616 p

This is an in-depth look at how to assess your situation, form a mission statement, set goals and make plans to reach them in light of social, economic, and environmental concerns. While it is very long and introduces some difficult concepts and unfamiliar terminology, this book includes pictures, graphics, examples, and clear explanations. Understanding and applying the concepts of holistic management will lead to making better decisions for your land and your family.

133) Whole Farm Planning: Ecological Imperatives, Personal Values and Economics

Henderson, Elizabeth, and Karl North. 2004. Northeast Organic Farming Association Interstate Council. Barre, MA. 92 p.

www.nofa.org

Concise, simplified, unintimidating look at whole farm planning, packed with examples. This is a great place to start learning about holistic management.

134) Sheep and Goat Marketing Information

<http://sheepgoatmarketing.info>

135) Measuring and Analyzing Farm Financial Performance, Purdue Extension

www.agecon.purdue.edu/extension/programs/fbm21/Ec712entry.htm

136) A PRIMER for Selecting New Enterprises for Your Farm, University of Kentucky Extension

www.uky.edu/AglAgEcon/pubs/ext_aec/ext2000-13.pdf

137) Holistic Management

<http://holisticmanagement.org>

138) Whole Farm Planning With Holistic Management

www.umass.edu/umext/jgerber/hmpage/hmpage2/mainpage6.htm

VII. Organic Production

-  **139) NCAT's Organic Livestock Workbook**
This workbook has been created to help organic and transitional producers with livestock or mixed crop and livestock operations understand the range of practices and materials allowed under the National Organic Program Regulations. Particular emphasis is placed on farming strategies and practices that promote sustainability.
-  **140) Pastures: Going Organic**
This publication is an introduction to regulations related to organic pasture and rangeland in the United States. Fertility, weed, and insect pest management issues are briefly addressed. Organic integrity is discussed, including records required to demonstrate compliance with the National Organic Standards. References and resources follow the narrative.
-  **141) Organic Standards for All Organic Operations: Highlights of the USDA's National Organic Program Regulations**
This collection of excerpts from the USDA's National Organic Program (NOP) Final Rule provides the reader with key standards relevant to all certified organic operations.
-  **142) Organic Standards for Livestock Production: Highlights of the USDA's National Organic Program Regulations**
This collection of excerpts from the U.S. Department of Agriculture's National Organic Program (NOP) provides the reader with key standards relevant to organic livestock producers.
-  **143) Organic Certification Process**
This guide is designed to help organic producers and handlers understand, prepare for, and get the most from the process of organic certification to USDA National Organic Standards.
-  **144) Organic Farm Certification and the National Organic Program**
Farmers planning to market their products as "organic" must become certified. This guide outlines the considerations involved in "going organic" and the basic steps to organic certification.
-  **145) Organic System Plans: Livestock Production**
If you want to certify your livestock operation(s) as organic, you will need to complete an application form. This guide was developed to assist you in completing that application by explaining just what information certifiers want and why it is required.
-  **146) Organic Livestock Documentation Forms**
In order to become certified organic, livestock producers must demonstrate to an accredited certifier that their operations comply with National Organic Program regulations. The 32 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.
-  **147) Organic Livestock Feed Suppliers Database**
One of the challenges of organic livestock production is locating the 100% organic feed required. This self-listing database helps producers locate sources of feed. Only available online at http://attra.ncat.org/attra-pub/livestock_feed/.
- 148) Alternative Treatments for Ruminant Animals**
Dettloff, Paul, DVM. 2004. Acres USA. Austin, TX. 246 p.
www.acresusa.com/books/closeup.asp?prodid=1236&catid=11&pcid=2
This book provides information on natural, organic, and sustainable approaches to animal health. Includes information for sheep and goats.
- 149) Living With Worms in Organic Sheep Production**
Stockdale, Peter. 2008. Canadian Organic Growers, Inc., Ontario, Canada. 79 p.
An excellent book that covers parasite life cycles, managing pastures and animals to prevent parasitism, diagnosis and treatment of internal parasites.

150) Transitioning to Organic Sheep or Goat Meat Production

<http://mosesorganic.org/attachments/productioninfo/fstransgsmeat.html>

151) Transitioning to Organic Sheep or Goat Dairy Production

<http://mosesorganic.org/attachments/productioninfo/fstransgsdairy.html>

152) National Organic Program

Home page: www.ams.usda.gov/AMSv1.0/nop

Link to standards: <http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&sid=89916dd414d154b401d29376f730a9b7&rgn=div5&view=text&node=7:3.1.1.9.32&idno=7>

List of certifiers: www.ams.usda.gov/AMSv1.0/getfile?dDocName=STELPRDC507448

153) New Farm (Rodale)

Home page: www.rodaleinstitute.org/new_farm

Certifier directory: www.rodaleinstitute.org/certifier_directory

154) Organic Trade Association Organic Pages Online

www.theorganicpages.com/topol/index.html

Vendors: Magazines

Goat Rancher

Terry Hankins, editor and publisher

731 Sandy Branch Road

Sarah, MS 38665

888-562-9529

www.goatrancher.com

\$29 per year (12 issues)

Sheep! Magazine

W11564 Hwy. 64

Withee, WI 54498

www.sheepmagazine.com

\$21 per year (6 issues)

The Shepherd

5696 Johnston

New Washington, OH 44854-9736

419-492-2364

\$30 per year (12 issues)

Meat Goat Monthly

Ranch Publishing

P.O. Box 2678

San Angelo, TX 76902

915-655-4434

www.ranchmagazine.com/mgn.html

\$27 per year (12 issues)

The Stockman Grass Farmer

P.O. Box 2300

Ridgeland, MS 39158-2300

601-853-1861

www.stockmangrassfarmer.net

\$32 per year (12 issues)

Hobby Farms

P.O. Box 8237

Lexington, KY 40533

888-245-3699 (toll free)

www.hobbyfarms.com/publications.aspx

\$15 per year (6 issues)

Small Farm Today

3903 W. Ridge Trail Road

Clark, MO 65243-9525

800-633-2535 (toll-free)

www.smallfarmtoday.com

\$24 per year (6 issues)

Spin Off

Interweave Press

201 E. Fourth Street

Loveland, CO 80537-5655

www.interweave.com

\$26 per year (4 issues)

Dairy Goat Journal

W11564 Hwy 64

Withee, WI 54498

www.dairygoatjournal.com

\$21 per year (6 issues); \$35.00 for 2 years

Countryside & Small Stock Journal

W11564 Hwy 64

Withee, WI 54489

800-551-5691

www.countrysidemag.com

\$18 per year (6 issues)

United Caprine News
P.O. Box 328
Crowley, TX 76036
817-297-3411
www.unitedcaprinenews.com
\$22.50 per year (12 issues)

Graze
P.O. Box 48
Belleville, WI 53508
608-455-3311
www.grazeonline.com
\$30 per year (10 issues)

Wild Fibers Magazine
P.O. Box 1752
Rockland, ME 04841
207-594-9455
www.wildfibersmagazine.com
\$30 per year (4 issues)

Organizations

Dairy Sheep Association of North America (DSANA)
President, Claire M. Sandrock
University of Wisconsin-Madison
1675 Observatory Drive
Madison, WI 53706
608-332-2889
mikolayunas@wisc.edu
www.dsana.org

American Dairy Goat Association
209 West Main Street
P.O. Box 865
Spindale, NC 28160
828-286-3801
www.adga.org

International Goat Association
HPI/IGA
1 World Avenue
Little Rock, AR 72202
501-454-1641
goats@heifer.org
www.iga-goatworld.org

American Sheep Industry Association
6911 S. Yosemite St.
Englewood, CO 80112-1414
303-771-3500
www.sheepusa.org

National Sheep Improvement Program
James Morgan, PhD.
479-444-6075
info@nsip.org
www.nsip.org

American Sheep and Goat Center
Box 646
Rockland, ME 04841
800-971-1373
www.sheepandgoatsusa.org

American Goat Federation
www.americangoatfederation.org
801-376-4685 or 502-352-2434

Vendors: Suppliers

Caprine Supply
P.O. Box Y
3301 W. 83rd Street
DeSoto, KS 66018
913-585-1191
800-646-7736 (toll-free)
www.caprinesupply.com

Hoegger Supply Company
160 Providence Road
Fayetteville, GA 30215
800-221-4628 (toll-free)
www.hoeggergoatsupply.com

Sydell
46935 SD Hwy. 50
Burbank, SD 57010-9605
605-624-4538
800-842-1369 (toll-free)
605-624-3233 (FAX)
www.sydell.com

Hamby Dairy Supply
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Maysville, MO 64469-9102
800-306-8937 (toll-free)
www.hambydairysource.com

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www.tartergate.com

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Fort Atkinson, WI 53538-0901
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Dothan, AL 36302
800-JEFFERS or 800-533-3377 (toll free)
334-793-6257
334-793-5179 FAX
www.jefferslivestock.com
customerservice@jefferspet.com

Premier

800-282-6631 (toll-free)
www.premier1supplies.com

Pipestone Veterinary Supply

P.O. Box 188
1300 Hwy 75 S.
Pipestone, MN 56164
800-658-2523 (toll-free)
www.pipevet.com

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6471 Miller Drive
Edwardsville, IL 62025
618-656-5388
www.ketchamssheepequipment.com

Ketchum Manufacturing Inc.

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Brockville, ON, Canada
K6V 7N5
613-342-8455
613-342-7550 (FAX)
ketchum@sympatico.ca
www.ketchum.ca

Gallagher Animal Management Systems

Gallagher Power Fence, Inc.
130 W. 23rd Ave.
P.O. Box 7506
North Kansas City, MO 64116
800-531-5908 (toll-free)
816-421-2005
816-421-2009 (FAX)
www.gallagherusa.com

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www.sheepman.com

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Notes

Small Ruminant Resources

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or

www.attra.ncat.org/attra-pub/PDF/ruminantresources.pdf

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