

# CHAPTER 18: Additional Resources for Targeted Grazing

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## ADDITIONAL RESOURCES



## Scientific Articles and Reports:

- DiTomaso, J.M. 2000. **Invasive Weeds In Rangelands: Species, Impacts and Management.** *Weed Science* 48:255-265.  
<http://wssa.allenpress.com/pdfserv/i0043-1745-048-02-0255.pdf>
- Frost, R.A. and K.L. Launchbaugh. 2003. **Prescription Grazing for Rangeland Weed Management - A New Look at an Old Tool.** *Rangelands* 25: 43-47.  
[www.cnr.uidaho.edu/rx-grazing/readings/Frost\\_Launchbaugh\\_Rangelands\\_04.pdf](http://www.cnr.uidaho.edu/rx-grazing/readings/Frost_Launchbaugh_Rangelands_04.pdf)
- Hart, S.P. 2001. **Recent Perspectives in Using Goats for Vegetation Management in the USA.** *Journal of Dairy Science* 84 (E. Suppl):E170-E176.  
[www.adsa.org/jds/papers/2001/jds\\_es170.pdf](http://www.adsa.org/jds/papers/2001/jds_es170.pdf)
- Luginbuhl, J.M., J.T. Green, J.P. Mueller, and M.H. Poore. 1996. **Meat Goats in Land and Forage Management.** In: *Proceedings of the Southeast Regional Meat Goat Production Symposium* "Meat Goat Production in the Southeast—Today and Tomorrow." February 21-24, 1996. Florida A&M University, Tallahassee.  
[www.cals.ncsu.edu/an\\_sci/extension/animal/meatgoat/MGLand.htm](http://www.cals.ncsu.edu/an_sci/extension/animal/meatgoat/MGLand.htm)
- Luginbuhl, J.M., J.T. Green, M.H. Poore, and J.P. Mueller. 1996. **Use of Goats as Biological Agents for the Control of Unwanted Vegetation.** Presented at the International Workshop "Use of Trees in Animal Production Systems." Indio Hatuey Pasture and Forage Experimental Station, Matanzas. November 26-29, 1996.  
[www.cals.ncsu.edu/an\\_sci/extension/animal/meatgoat/MGVeget.htm](http://www.cals.ncsu.edu/an_sci/extension/animal/meatgoat/MGVeget.htm)
- Olson, B.E. and J.R. Lacey. 1994. **Sheep: A Method for Controlling Rangeland Weeds.** *Sheep and Goat Research Journal* 10:105-112.  
[www.cnr.uidaho.edu/rx-grazing/readings/Olson\\_Lacey\\_Sheep\\_Res\\_1994.pdf](http://www.cnr.uidaho.edu/rx-grazing/readings/Olson_Lacey_Sheep_Res_1994.pdf)
- Olson, B.E. 1999. **Grazing and Weeds.** p. 85-96 In: R.I. Sheley and J.K. Petroff, eds. *Biology and Management of Noxious Rangeland Weeds.* Corvallis, OR. Oregon State University Press.
- Olson, B.E. 1999. **Manipulating Diet Selection to Control Weeds.** In: K.L. Launchbaugh, K.D. Sanders, and J.C. Mosley, eds. *Grazing Behavior of Livestock and Wildlife.* Idaho Forest, Wildlife & Range Exp. Sta. Bull. #70 Univ. of Idaho, Moscow, ID.  
[www.cnrhome.uidaho.edu/default.aspx?pid=74888](http://www.cnrhome.uidaho.edu/default.aspx?pid=74888)
- Popay, I. and R. Field. 1996. **Grazing Animals as Weed Control Agents.** *Weed Technology* 10:217-231.
- Severson, K.E. and P.J. Urness. 1994. **Livestock Grazing: A Tool to Improve Wildlife Habitat.** In: M. Vavra, W.A. Laycock, and R.D. Pieper, eds. *Ecological Implications of Livestock Herbivory in the West.* Denver, CO: Society for Range Management. p 232-249.





Photo: Ray Holes, Prescriptive Grazing Services, Idaho



Photo: ASI

### Organizations and Information on the Web:

- *The University of Idaho* hosts a *Prescription Grazing for Vegetation Management* site that contains links to many articles regarding prescribed grazing, animal behavior, animal production, and noxious and invasive weeds. Many great articles can be found at this site, an excellent source of scientific and popular press articles. [www.cnr.uidaho.edu/rx-grazing](http://www.cnr.uidaho.edu/rx-grazing)
- *The Western Rangelands Partnership* is a group of rangeland extension educators and library information specialists who gather information about rangeland ecology and management and publish it on this excellent searchable website. [www.rangelandswest.org](http://www.rangelandswest.org)
- *BEHAVE* is an organization of scientists and practitioners dedicated to Behavioral Education for Human, Animal, Vegetation, and Ecosystem management. The BEHAVE website features fact sheets, research findings, announcements of seminars, workshops and field days, and information on ordering materials produced by the BEHAVE consortium. [www.behave.net](http://www.behave.net)
- *ATTRA* (Appropriate Technology Transfer to Rural Areas) is a national sustainable agriculture information service that serves farmers and educators who need information about sustainable practices. Contact the technical specialists at ATTRA by calling (800) 346-9140 or access their website. Specialists can search for information, provide references to people with experience, and offer guidance on finding helpful materials. [www.attra.ncat.org](http://www.attra.ncat.org)
- *The Center for Invasive Plant Management* has a website that includes articles about ecological management, resources, and educational events (including workshops and courses); also lists funding sources. [www.weedcenter.org](http://www.weedcenter.org)

- **Livestock for Landscapes** provides information and training for using livestock as landscape management tools. This site includes a community and provider network, workshops and consultation, training cows to eat weeds, using goats to reduce fire hazards, resources, and links. [www.livestockforlandscapes.com](http://www.livestockforlandscapes.com)
- The **Maryland Small Ruminant Page** is an outstanding source of sheep and goat information. Articles can be found on general weed information, weed identification, noxious/invasive weeds, weed control, along with dozens of articles about controlling weeds with sheep and goat grazing. [www.sheepandgoat.com/weed.html](http://www.sheepandgoat.com/weed.html)
- **Langston University** in Oklahoma hosts the E. (Kika) de la Garza American Institute for Goat Research, which has an interesting website with information about using goats for fire management and brush control. Click on “library” and then look at the Field Day Proceedings, especially those for 2004, 2002, and 2000. See also the web-based training module 15, “Goats for Vegetation Management,” by Steve Hart. [www2.luresext.edu](http://www2.luresext.edu)
- The **Natural Resources Conservation Service** national website is searchable and contains information that can help land managers. Contacting state and local NRCS personnel is a great move, as they can assist with soil, water quality, stocking rate, fencing, and many other components of range and pasture management. [www.nrcs.usda.gov](http://www.nrcs.usda.gov)
- The **USDA Cooperative State Research, Education, and Extension Service** provides a wealth of information regarding grazing, weeds, and livestock care and feeding. It links to area county extension offices, where extension agents/educators are available to answer questions on a variety of topics. [www.csrees.usda.gov](http://www.csrees.usda.gov)
- The **National Plants Database** includes information about more than 43,000 plants, including noxious and invasive plants listed for each state. It provides pictures to aid in identification. [www.plants.usda.gov](http://www.plants.usda.gov)
- The **National Invasive Species Council** hosts a comprehensive database pertaining to federal and state activities with invasive species. The site contains specific species profiles, their impacts, and the federal government’s response. The site links to other agencies and organizations dealing with invasive species issues. [www.invasivespeciesinfo.gov](http://www.invasivespeciesinfo.gov)
- The **Society for Range Management** is a professional society dedicated to supporting people who work with rangelands and have a commitment to their sustainable use. SRM hosts a website with publications, links to other websites, calendar of events, videos that can be checked out for a small fee, and much more. The Rangeland Ecology and Management journal (formerly the Journal of Range Management) and the magazine Rangelands are both published by SRM and are referenced on their website. [www.rangelands.org](http://www.rangelands.org)
- The **American Sheep Industry Association** represents the interests of sheep and goat producers located throughout the United States, from farm flocks to range operations. ASI hosts a website of information and publications related to sheep production. The Sheep and Goat Research Journal, published by ASI, can be accessed at their site. [www.sheepusa.org](http://www.sheepusa.org)
- The **Montana Sheep Institute** conducts and provides research on using sheep for weed control. Their website includes a list of recent research and a photo gallery. [www.sheepinstitute.montana.edu](http://www.sheepinstitute.montana.edu)

## CD-ROMs, DVDs, Videos

- **Multi-Species Grazing and Leafy Spurge**

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](http://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, the Multi-Species Grazing and Leafy Spurge manual, a PowerPoint® presentation, posters, photos, an extensive bibliography, and more. A great resource.*

- **GOATS! For Firesafe Homes in Wildland Areas**

Kathy Voth  
6850 West County Road 24  
Loveland, CO 80538

[www.livestockforlandscapes.com](http://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.*

- **Healing the Land Through Multi-Species Grazing**

Washington State University Extension. 2004.  
VT0119 (also available as DVD0119). Call the Bulletin Office at (509) 335-2857 or 800-723-1763; or write to: Bulletin Office, Washington State University, P.O. Box 645912, Pullman, WA, 99164-5912 USA. Can also be ordered online:

<http://cru84.cahe.wsu.edu/cgi-bin/pubs/VT0119.html>

*This video is about the use of multi-species grazing (cattle, sheep, goats) as a tool in an integrated approach for the control of noxious weeds. It depicts the activities of a two-year regional project funded by the USDA Western Sustainable Agriculture Research and Education Professional Development Program. Thirty participants from four states (Washington, Idaho, Oregon, and California) took part in this project.*



## Finding More

- **SARE Project Reports and Contacts**

*Sustainable Agriculture Research and Education (SARE) program is a funding source for farmers, researchers, and educators. SARE has funded numerous projects related to using sheep or goats to manage vegetation. Visiting the SARE site and learning about those projects can provide useful information and contacts. Go to [www.sare.org](http://www.sare.org) and then “project reports” and then “search database” and search using terms to limit the results. For example, to find out if there are projects using sheep to graze in orchards, use “sheep and trees” for the terms. The site allows for limiting results to only farmer/rancher projects or only a particular region. In addition to the project reports, SARE offers some publications. Search the main site to find stories and publications that are pertinent; “sheep and goats and weeds” or “sheep and trees” will provide a good start.*

- **USDA CRIS System**

*All research sponsored or conducted by the USDA is required to be documented in the Current Research Information System (CRIS), a unit of the Cooperative State Research, Education, and Extension Service (CSREES). The CRIS database currently includes information covering over 95% of all publicly supported agricultural and forestry research. To learn about pertinent research projects, go to <http://cris.csrees.usda.gov> and click on “search CRIS now.” The screen will show project titles and investigators; clicking on “more” provides a project summary, including all progress reports and lists of publications detailing this research.*

- **AGRICOLA From the National Agricultural Library**

*For scientific articles related to prescribed grazing, the most comprehensive database of published works related to agriculture is maintained by the National Agricultural Library. The database can be searched by key word, title, or author to locate relevant articles. Searching is made easy by the electronic catalog called AGRICOLA available on the web at <http://agricola.nal.usda.gov>*

- **Sheep and Goat Research Journal**

*From the American Sheep Industry; go to [www.sheepusa.org](http://www.sheepusa.org) and click on “Research Journal.” Then click on the title and to find several issues online, including the 1994 Special Issue: The Role of Sheep Grazing in Natural Resource Management. Also available through libraries.*

- **Small Ruminant Research**

*Publishes original, basic, and applied research articles, technical notes, and review articles on research relating to goats and sheep (and deer, camelids, and camels). This is the journal of the International Goat Association ([www.iga-goatworld.org](http://www.iga-goatworld.org)), and access to full-text articles online is available to association members. Copies of the journal are also available in libraries and on the web at [www.iga-goatworld.org/srr/index.htm](http://www.iga-goatworld.org/srr/index.htm)*

- **Rangeland Ecology and Management** (formerly the Journal of Range Management)

*Published by the Society for Range Management ([www.rangelands.org](http://www.rangelands.org)). Issues can be found online at [www.srmjournals.org](http://www.srmjournals.org) and can also be received through subscription. Membership in the Society for Range Management is open to anyone engaged or interested in any aspect of the study, management, or use of rangelands. The Society offers publications and training opportunities and meetings. This journal is peer-reviewed and geared to scholars.*

- **Rangelands**

*Also published by the Society for Range Management and available online or through subscription. Go to [www.srmjournals.org](http://www.srmjournals.org) to access this magazine, which features scientific articles, book reviews, and society news, as well as youth, technology, and policy departments. Information is scientifically correct and presented in a user-friendly, non-technical format. **Rangelands** is intended for educators, students, rangeland owners and managers, researchers, and policy leaders. Archived volumes of **Rangelands** from 1978 through 1998 are available at: <http://rangelands.library.arizona.edu/rangelands/>*