Targeted Grazing: A Natural Approach to Vegetation Management and Landscape Enhancement. Editor and Project Manager Karen Launchbaugh. 2006. American Sheep Industry Association, Englewood, CO. 199 p. US\$25.00 paper.

Targeted Grazing is a compilation of up-to-date resources and research devoted to applying targeted, multispecies grazing concepts to meet specific management goals and improve landscape function. Intended audiences include resource managers, contract grazing service providers, and anyone with interest in using targeted grazing for vegetation management. Special topics of interest may also appeal to those considering the use of grazing for fire management, for wildlife habitat improvement, in orchard settings, and in farming systems.

"Targeted grazing is the application of a specific type of livestock at a determined season, duration and intensity to accomplish vegetation or landscape goals" (p. 3). "To be successful, using grazing or browsing to control weeds requires a clear understanding of how both target and nontarget plants respond to grazing and grazing pressure" (p. 37). Sheep, cattle, and goats each have different dietary preferences and needs, and these differences can be used to provide a variety of vegetation management options. Topics in this handbook address a variety of targeted grazing solutions and include applications for the understanding of plant responses to grazing, management of herbaceous broadleaf weeds, managing fire risk, and suppression of invasive grasses. Other topics include animal husbandry of sheep and goats for vegetation management, fencing requirements, and vineyard and orchard management with grazing.

There is a section devoted to the application of targeted grazing for service providers (or livestock owners), land managers, and contract grazers. Topics include contract and service negotiation considerations, considerations for writing a business plan, crisis and catastrophe preparedness, cooperative arrangements, and shared rental agreements. Another section contains guidelines for management of 21 invasive rangeland weeds developed with assistance from 100 sources, including practitioners, contract grazers, researchers, and extension educators. Plants targeted for management include a variety of thistles, kudzu, leaf spurge, tansy ragwort, blackberries, salt cedar, cheatgrass, and medusa head.

Targeted grazing provides both technical and practical solutions for managing grazing challenges. This handbook contains an extensive collection of over 200 references and useful web links and is an invaluable tool for those practicing or considering the inclusion of sheep, goats, or cattle in the management of a broad variety of landscapes to accomplish long-term vegetation management and landscape goals.

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