

## Approaches to Kudzu Control by Selected Institutions

Institution and Document Title	Pub. Date	Cultural	Biological	Herbi-cides	Mechanical
Alabama Cooperative Extension System Kudzu in Alabama: History, Uses and Control <a href="http://www.aces.edu/pubs/docs/A/ANR-0065/">http://www.aces.edu/pubs/docs/A/ANR-0065/</a>	1999	Grazing*	No mention	Yes	Digging out roots, tillage, mowing as preparation for herbicide "All large and small kudzu roots must be killed."
Clemson Cooperative Extension Service (SC) Kudzu Eradication Guidelines <a href="http://www.clemson.edu/extfor/publications/ec656/">http://www.clemson.edu/extfor/publications/ec656/</a>	2003	Grazing (in certain situations)	No mention	Yes	Mowing (in certain situations)
Illinois Dept. of Natural Resources Vegetation Management Guidelines: Kudzu <a href="http://www.dnr.state.il.us/inpc/management_guidelines.htm">http://www.dnr.state.il.us/inpc/management_guidelines.htm</a>	2002	Grazing (within IPM program)	Not considered viable at that time (2002)	Yes	Mowing as preparation for herbicide
Mississippi State University Extension Service Weed Control Guidelines (2009) <a href="http://msucares.com/pubs/publications/p153209whole.pdf">http://msucares.com/pubs/publications/p153209whole.pdf</a>	2009	No mention	No mention	Yes	No mention
North Carolina Cooperative Extension Service Biology, Ecology and Management of Kudzu and Japanese Knotweed (PowerPoint presentation) <a href="http://www.ces.ncsu.edu/nreos/forest/feop/Agenda2008/invasives/Kudzu%20and%20Jap%20knotweed.pdf">http://www.ces.ncsu.edu/nreos/forest/feop/Agenda2008/invasives/Kudzu%20and%20Jap%20knotweed.pdf</a>	2008	Grazing	Refers to David Orr's research — Need agents that target roots and rhizomes	Yes	No mention
Univ. of Florida/IFAS Extension Pueraria Lobata: Kudzu <a href="http://plants.ifas.ufl.edu/parks/kudzu.html">http://plants.ifas.ufl.edu/parks/kudzu.html</a>	2007	Grazing*	Under investigation	Yes	Cutting vines above ground level. Close mowing every month for two seasons. Hand digging, burning, and disking as preparation for herbicide.
Univ. of Kentucky Cooperative Extension Service Kudzu Identification and Control in Kentucky <a href="http://www.ca.uky.edu/agc/pubs/agr/agr186/agr186.pdf">http://www.ca.uky.edu/agc/pubs/agr/agr186/agr186.pdf</a>	2005	Grazing effective for small areas	No mention	Yes	Mowing, hand removal <u>ineffective</u>
Univ. of Georgia. Cooperative Extension Service Controlling Vines in Ornamentals Circular 867 <a href="http://pubs.caes.uga.edu/caespubs/pubs/PDF/C867-1.pdf">http://pubs.caes.uga.edu/caespubs/pubs/PDF/C867-1.pdf</a>	2004	No mention	No mention	Yes	Cut vine above ground and apply herbicide

Univ. of Missouri Extension Vine Weeds of Missouri <a href="http://extension.missouri.edu/explore/agguides/pests/ipm1021.htm#Control">http://extension.missouri.edu/explore/agguides/pests/ipm1021.htm#Control</a>	2003	No mention	No mention	Yes	No mention
U.S. Army Engineer Research and Development Center ERDC TR-08-10 Invasive Species Biology, Control, and Research Part I: Kudzu (Pueraria Montana) <a href="http://www.cecer.army.mil/techreports/ERDC_TR-08-10/ERDC_TR-08-10.pdf">www.cecer.army.mil/techreports/ERDC TR-08-10/ERDC TR-08-10.pdf</a>	2008	Grazing may be effective in small areas, but cost and erosion (from hoof traffic) are concerns	None approved for use	Yes	Mowing (monthly for 2 years), burning (in conjunction with herbicides)
Virginia Dept. of Conservation and Recreation Invasive Alien Plant Species of Virginia: Kudzu <a href="http://www.dcr.virginia.gov/natural_heritage/documents/fspulo.pdf">http://www.dcr.virginia.gov/natural_heritage/documents/fspulo.pdf</a>	No date	Grazing effective for small areas	No mention	Yes	Burning (as a follow-up after herbicide), eradication of "all roots"
Washington State Noxious Weed Control Board Written Findings <a href="http://www.nwcb.wa.gov/weed_info/Pueraria_lobata.html">http://www.nwcb.wa.gov/weed_info/Pueraria_lobata.html</a>	2002?	Grazing	No mention	Yes	Persistent removal of above ground vegetation, mowing, burning to prepare crowns for treatment
Weed Science (Purdue University Extension) Kudzu in Indiana <a href="http://www.btny.purdue.edu/weedscience/2004/articles/Kudzu3-8-04.pdf">http://www.btny.purdue.edu/weedscience/2004/articles/Kudzu3-8-04.pdf</a>	2004	Grazing (continuous)	No mention	Yes	Mowing (continuous)
West Virginia University Extension Service West Virginia Problem Weeds: Research Summary <a href="http://www.wvu.edu/~agexten/ipm/weeds/probweed.pdf">http://www.wvu.edu/~agexten/ipm/weeds/probweed.pdf</a>	2001	Grazing	No mention	Yes	Multiple cuts per year, brush hog or chain saw, mowing, mulching
Wisconsin Dept. of Natural Resources <a href="http://dnr.wi.gov/invasives/classification/pdfs/LR_Pueraria_montana.pdf">http://dnr.wi.gov/invasives/classification/pdfs/LR_Pueraria_montana.pdf</a>	2007	Grazing	No	Yes	Persistent weeding or mowing. "Also can be controlled by flaming to defoliate the plant."

\* "Close grazing of young kudzu for three to four years can eliminate kudzu when 80 percent or more of the vegetative growth is continuously consumed."