



Suggested readings

Johnson, W.T., and H.H. Lyons. 1991. Insects that feed on trees and shrubs, Comstock Publishing Associates, 560 pages. ISBN 0801426022. Does not contain pesticide recommendations, but excellent coverage of insect identification and damage diagnosis. A great reference book, \$50.00.

Cranshaw, W. 1997. Turfgrass insects in Colorado and Northern New Mexico, Colorado State Cooperative Extension, ISBN 1 889143006 Visit their website to order.

Cranshaw, W. et al. 2000. Insects and Diseases of Woody Plants of the Central Rockies. Colorado State University Extension bulletin 506A. Call (877) 692-9358 to order.

Davidson, J.A. and M. Raupp. 1999. Landscape IPM: Guidelines for integrated pest management of insect and mite pests on landscape trees and shrubs, University of Maryland Extension Bulletin 350, 109 pp. Write Ag. Dup. Service, 6200 Sheridan Street, Riverdale, MD 20737

Gill, S., and J. Sanderson. 1998. Ball identification guide to greenhouse pests and beneficials, Ball series, \$66.95, ISBN 1-883052-17-3, Item #BO35, see www.ballbookshelf.com

Bradenburg, R., and M. Villani. 1995. Handbook of turfgrass insect pests, Entomological Society of America, 140 pages, \$35.00, call 301-731-4538 to order.

Hiratsuka, Y., D. W. Langor, and P.E. Crane. 1995. A field guide to the forest insects and diseases of the prairie provinces, 297 pages. ISBN 0660159481. Call Vancouver, Canada at 604-822-5959 to order or order at any bookstore.

McCullough, D.G., S.A. Katovich, M.E. Ostry, and J. Cummings-Carlson. 1998. Christmas tree pest manual. USDA-FS. 2nd Edition and Michigan State University Extension Bulletin E-2676, call 517-355-0240 to order.

McCullough, D.G., S.A. Katovich, D.L. Mahr, D.D. Neumann, C.S. Sadof, and M.J. Raupp. 1999. Biological control of insect pests in forested ecosystems: A manual for foresters, Christmas tree growers, and landscapers. Michigan State University Extension Bulletin E-2679, 122 pp.

Shetlar, D.J., and D. Herms. 1998. Insect and mite control on woody ornamentals and herbaceous perennials. Ohio State University Extension Bulletin 504, call 614-292-1868 to order.

Plant Health Care for Woody Ornamentals, ISA's Guide to the Plant Health Care Management System, \$50.00. ISBN 1883097177.

Vittum, P.J., M.G. Villani, and H. Tashiro. Second edition. 1999. Turfgrass insects of the United States and Canada, Cornell University Press, ISBN 0-8014-3508-0.

Suggested websites

Turf IPM



University of Minnesota, CUES: Center for Urban Ecology and Sustainability.
<http://www.entomology.umn.edu/cues>

North Carolina State University
<http://www.turffiles.ncsu.edu/pubs/>

Ohio State University
<http://plantfacts.ohio-state.edu/>

University of Kentucky
<http://www.uky.edu/Agriculture/Entomology/enthp.htm>

University of Maryland
<http://iaa.umd.edu/umturf/umturf.html>

Ornamental IPM



CUES - Center of Urban Ecology and Sustainability
CUES: Center for Urban Ecology and Sustainability:
University of Minnesota
<http://www.entomology.umn.edu/cues>

UC Statewide Integrated Pest Management Project
IPM of greenhouses and landscapes: University of California-Davis
<http://www.ipm.ucdavis.edu/>

Ohio Factsheet database: Search engine for landscape plant pest information
<http://plantfacts.ohio-state.edu>

Ohioline: Your Link to Information, News, and Education
<http://www.ag.ohio-state.edu/~ohioline>

Iowa State University — Internet
Iowa State University web glimpse search site: Iowa State University
<http://www.iastate.edu/search/wglimpse.html>

National IPM Network North Carolina Component
Urban landscapes including turf, shrubs, and trees: North Carolina State University
<http://ipmwww.ncsu.edu/>

National Integrated Pest Management Network: Management of the Home, Garden and Yard
Home, garden, and municipal IPM: North Carolina State University
http://ipmwww.ncsu.edu/urban/urban_contents.html

Insects and Plant Diseases: North Carolina State University
North Carolina Cooperative Extension Service; insects, plant diseases, pathology, entomology, and IPM
<http://www.ces.ncsu.edu/resources/pests/>

**Ornamental and Turf Insect Information Notes**

Insect fact sheets for landscapes: North Carolina State University
http://www.ces.ncsu.edu/depts/ent/notes/Ornamentals_and_Turf/ort_contents.html

Colorado State Cooperative Extension Insect Publications Menu

Landscape pests: Colorado State University
<http://www.colostate.edu/Depts/CoopExt/PUBS/INSECT/pubins.html>

University of Kentucky Entomology

Landscape pests: University of Kentucky
<http://www.uky.edu/Agriculture/Entomology/enthp.htm>
 Variety of search topics; Entfacts

Insect Identification Laboratory Home Page

Identification of insects of landscape plants: Virginia Polytechnical Institute
<http://www.ento.vt.edu/Facilities/OnCampus/IDInfo.html>

Entomology Index: Integrated Pest Management

Integrated Pest Management: Iowa State University
http://www.ent.iastate.edu/List/Integrated_Pest_Management.html

ScaleNet: A Database of the Scale Insects of the World

<http://www.sel.barc.usda.gov/scalenet/scalenet.htm>

Gypsy Moth in North America

Gypsy moth in North America: Virginia Polytechnical Institute
<http://gypsy.fsl.wvnet.edu/gmoth/>

St. Paul Field Office - Forest Resources Management and Forest Health Protection, USDA Forest Service, State and Private Forestry, USDA Forest Service St Paul field office

<http://willow.ncfes.umn.edu/>

National Parks Service IPM Manual

National Park Service IPM manual
<http://www.colostate.edu/Depts/IPM/natparks/natpark.html>

Pesticide information**National IPM Network North Carolina Component**

Pesticide recommendations for turf, ornamentals: North Carolina State University
<http://ipmwww.ncsu.edu/>

US EPA Office of Pesticide Programs Home

Office of Pesticide Programs Pesticide information: EPA
<http://www.epa.gov/pesticides>

Pest Control Information

National Pesticide Telecommunications Network
<http://ace.orst.edu/info/nptn/exten.htm>
 Pesticide information, use, and safety

Pesticide Information Profiles

EXTOXNET... Pesticide Information Profile (PIPs)
<http://ace.ace.orst.edu/info/extoxnet/pips/searchindex.html>

Biological control**Biological Control News**

University of Wisconsin <http://www.entomology.wisc.edu/mbcn/mbcn.html>

Guide to Natural Enemies in North America

Biological control: A Guide to Natural Enemies in North America: Cornell University
<http://www.nysaes.cornell.edu/ent/biocontrol/>

Entomology Index: Biological Control

Biological Control: Iowa State Entomology Index
http://www.ent.iastate.edu/List/Biological_Control.html

Organic and Biological Controls

Insect Identification, Organic and Biological Controls: Virginia Polytechnical Institute <http://everest.ento.vt.edu/Facilities/OnCampus/IDLab/altcontrol/altcontrol.html>

Animal and Plant Health Inspection Service

Biological Control: USDA APHIS
<http://www.aphis.usda.gov>

Nematodes as Biological Control Agents of Insects

Nematodes for controlling insects: University of Nebraska-Lincoln
<http://ianrwww.unl.edu/ianr/plntpath/nematode/wormepns.htm>

Entomopathogenic Nematology at Rutgers

Nematodes for controlling insects: Rutgers University
<http://www-rci.rutgers.edu/~wilsonmj/index.html>

Suppliers of Beneficial Organisms in North America

Suppliers of Beneficial Insects: California Department of Agriculture
<http://www.cdpr.ca.gov/docs/ipminov/bensuppl.htm>

Association of Natural Biocontrol Producers

<http://www.anbp.org>

Rincon-vitova.com

www.rincon-vitova.com

Arbico

www.arbico.com

Great Lakes IPM, pheromone traps

www.greatlakesipm.com

Sustainable landscapes**Wild Ones Handbook: A Voice for the Natural Landscaping Movement**

<http://www.epa.gov/glnpo/greenacres/wildones>

U.S. EPA - GLNPO, Visualizing the Great Lakes

<http://www.epa.gov/glnpo/image>

The Green Thumb Project

<http://www.cp.duluth.mn.us/~lakes/grlinks.html>


Northern Prairie Wildlife Research Center

<http://www.npwrc.usgs.gov/index.htm>

USEPA, GREEN ACRES: Green Landscaping with Native Plants

<http://www.epa.gov/greenacres/>

CUES - Center of Urban Ecology and Sustainability

CUES: Center for Urban Ecology and Sustainability: University of Minnesota

<http://www.ent.agri.umn.edu/cues/cues.htm>

Sustainable Urban Landscape Information Series

Sustainable landscape design: University of Minnesota

<http://www.sustland.umn.edu/>

Butterflies of North America

Butterfly web site: USGS

<http://www.npwrc.usgs.gov/resource/distr/lepid/bflyusa/bflyusa.htm>

Suggested Diagnostic Clinics in the Midwest

State	Location for soil testing services	Location for diagnostic services
Colorado	Soil, Water, & Plant Testing Laboratory Room A-319 NESB Colorado State University Fort Collins, CO 80523-1120 Phone: (970) 491-5061 Fax: (970) 491-2930 Contact: Mary Schumm, Assistant to Lab Manager James R- Self, Ph.D., Lab Manager Email: mcschumm@lamar.colostate.edu jself@ceres.colostate.edu	Plant Diagnostic Clinic Jefferson County Extension 15200 W. 6th Avenue, Suite C Golden, CO 80401 Phone: (303) 271-6620 Fax: (303) 271-6644 Email: msmall@co.jefferson.co.us jefferso@coop.ext.colostate.edu Identification and Diagnostic Service 342-A General Services Building Department of Bioagriculture Sciences & Pest Management Colorado State University Fort Collins, CO 80523-1177 Phone: (970) 491-6950 Email: idl@ceres.agsci.colostate.edu
Illinois	No soil testing service is offered by a public agency	(May-Sept) Plant Clinic 1401 W. St. Mary's Road University of Illinois Urbana, IL 61802 Phone: (217) 333-0519 Contact: Nancy Pataký Email: npataký@uiuc.edu (Oct-May) N-533 Turner Hall 1102 S. Goodwin Avenue University of IL Urbana, Illinois 61 801 Phone: (217) 333-2478 Fax: (217) 244-1230 Contact: Nancy Pataký Email: npataký@uiuc.edu



State	Location for soil testing services	Location for diagnostic services
Indiana	No soil testing service is offered to homeowners by a public agency. Contact the Plant and Pest Diagnostic Laboratory for a partial listing of private soil testing labs	Plant and Pest Diagnostic Laboratory Department of Botany and Plant Pathology 1155 Lilly Hall Purdue University West Lafayette, IN 47907 Phone: (765) 494-7071 Fax: (765) 494-3958 or Gail Ruhl - (765) 494-4641 Email: ruhl@btpn.purdue.edu or Karen Rane - (765) 494-5821 Email: rane@btpn.purdue.edu
Iowa	ISU Soil Testing Laboratory G501 Agronomy Iowa State University Ames, IA 50011 Phone: (515) 294-3076 Fax: (515) 294-5567 Email: soiltest@iastate.edu	Plant Disease Clinic Department of Plant Pathology 323 Bessey Hall Iowa State University Ames, IA 50011 Phone: (515) 294-0581 Fax: (515) 294-9420 Contact: Paula Flynn Email: pflynn@iastate.edu
Maryland		Plant Diagnostic Laboratory Department of Entomology University of Maryland 3171 Plant Sciences Building College Park, MD 20742-4454 Phone: (301) 405-1611 (3913) Fax: (301) 314-9290 Contact: Ethel Dutky Email: edl6@umail.umd.edu
Michigan	MSU Soil and Plant Nutrient Laboratory A81 Plant & Soil Sciences East Lansing, MI 48824-1325 Phone: (517) 355-0218 Fax: (517) 355-1732 Contact: Hariam Kerr Email: kerrh@msu.edu	Diagnostic Services 101 CIPS Michigan State University East Lansing, MI 48824-1311 Contact: Jan Byrne Phone: (517) 353-3504 Fax: (517) 432-0899 Email: byrnejm(@msu.edu)
Minnesota	Research and soil testing laboratory University of Minnesota Room 135 Crops Research Bldg. 1902 Dudley Avenue St. Paul, MN 55108 Phone: (612) 625-3101 Fax: (612) 624-3420 Contact: Roger Eliason Email: elias004@umn.edu soiltest@soils.umn.edu	



State	Location for soil testing services	Location for diagnostic services
		<p>For commercial growers: Plant Disease Clinic Department of Plant Pathology 495 Borlaug Hall 1991 Upper Buford Circle University of Minnesota St. Paul, MN 55108 Phone: (612) 625-1275 Fax: (612) 625-9728 Contact: Sandra Gould Email: gould001@umn.edu</p>
Nebraska	<p>Soil & Plant Analytical Laboratory Department of Agronomy & Horticulture. 139 Keim Hall University of Nebraska Lincoln, NE 68583-0916 Phone: (402) 472-1571 Fax: (402) 472-1396 Contact: Anita Jackson Email: aiacksonl@unl.edu</p>	<p>Plant and Pest Diagnostic Clinic Department of Plant Pathology 4448 Plant Sciences University of Nebraska Lincoln, NE 68583-0722 Phone: (402) 472-2559 Fax: (402) 472-2853 Contact: Jenifer Chaky Email: jchaky2@unl.edu</p>
North Dakota	<p>Soil Testing Laboratory Soil Science Dept. P.O. Box 5575 North Dakota State University Fargo, ND 58105 Phone: (701) 231-8942 Fax: (701) 231-7861 contact: Larry Swenson Email: Larry_Swenson@ndsu.nodak.edu</p>	<p>Plant Diagnostic Lab NDSU Plant Diagnostic Lab P.O. Box 5012 North Dakota State University Fargo, ND 58105 Phone: (701)231-7854 Fax: (701) 231-7851 Contact: Cheryl Biller Email: diaglab@ndsuext.nodak.edu</p>
Ohio	Soil testing lab at Wooster has been closed.	<p>C. Wayne Ellett Plant and Pest Diagnostic Clinic 1110 Kottman Hall 2021 Coffey Road The Ohio State University Columbus, OH 43210-1087 Phone: (614) 292-5006 Fax: (614) 292-4455 Contact: Nancy Taylor Email: taylor.8@osu.edu ppdc2@postoffice.ag:ohio-state.edu</p>
South Dakota	<p>Soil Testing Laboratory Plant Science Department Box 2207-A, Ag Hall 06 South Dakota State University Brookings, SD 57007-1096 Phone: (605) 6884766 Fax: (605) 6884667 Contact: Ron Gelderman Email: Ronald.Gelderman@sdstate.edu</p>	<p>Plant Disease Clinic Department of Plant Science South Dakota State University P.O. Box 2108 PSB 119 Brookings, SD 57007-1090 Phone: (605) 688-5157 Fax: (605) 688-4024 Contact: Marty Draper Email: draper.marty@ces.sdstate.edu</p>



State	Location for soil testing services	Location for diagnostic services
Wisconsin	<p>Soil & Plant Analysis Laboratory University of Wisconsin-Madison 5711 Mineral Pt. Rd. Madison, WI 53705 Phone: (608) 262-4364 Fax: (608) 263-3327 Contact: Sherry Combs, Director Email: sherry.combs@wisplan.uwex.edu spal@macc.wisc.edu Soil and Forage Analysis Lab. 8396 Yellowstone Drive Marshfield, WI 54489 Phone: (715) 387-2523 Contact: John Peters Email: jbpeter1@facstaff.wisc.edu</p> <p>Insect Diagnostic Clinic University of Wisconsin-Madison Department of Entomology 240 Russell Laboratories 1630 Linden Drive Madison, WI 53706 Phone: (608) 262-6510 FAX: (608) 262-3322 Contact: Phil Pellitteri pellitte@entomology.wisc.edu http://www.entomology.wisc.edu/entodiag.html</p>	<p>Plant Disease Diagnostic Clinic University of Wisconsin-Madison Department of Plant Pathology 1630 Linden Drive Madison, WI 53706-1598 Phone: (608) 262-2863 Fax: (608) 263-2626 Contact: Brian Hudleson Email: bdh@plantpath.wisc.edu</p>