

Table of Contents for Michigan Field Office Technical Guides	
Subject and Section Content/Document	
<input type="checkbox"/> Available Internet Material	
<u>I. AGRONOMY REFERENCES</u>	
<u>General</u>	
Generally Accepted Agricultural Management Practices (GAAMPs) for:	
Irrigation Water Use	
Livestock Production Facility Site Selection	
Manure Management/Utilization	
Pesticide Utilization/Pest Control	
Nutrient Utilization	
Care of Farm Animals	
Cranberry Production	
http://www.michigan.gov/mda/0,1607,7-125-1567_1599_1605---,00.html	
NRCS National Agronomy and Erosion Homepage: http://www.nrcs.usda.gov/technical/agronomy.html Includes National Agronomy Manual, erosion calculation technical information (RUSLE2, WEQ, etc.), and Core 4 documents.	
<u>Organic Farming</u>	
Appropriate Technology Transfer for Rural Areas: http://www.attra.org	
List of Approved Substances: http://www.omri.org	
National Organic Program: http://www.ams.usda.gov/nop/	
Organic Crop Improvement Association: http://www.ocia.org/	
Rodale Institute: http://www.rodaleinstitute.org/	
<u>Soil Management</u>	
Soil Biology Primer: http://www.swcs.org/en/publications/soil_biology_primer/ (for sale from SWCS)	
National NRCS Soils Homepage: http://soils.usda.gov	
Michigan soils information: http://www.mi.nrcs.usda.gov/soils.html Information about the availability of digital Soil Surveys	
Soil Data Mart Homepage: http://soildatamart.nrcs.usda.gov SSURGO: Soil SURvey GeOgraphic Database – digitized county soil surveys	
Web Soil Survey Homepage: http://websoilsurvey.nrcs.usda.gov Uses interactive GIS tools to reclassify soils tables to create thematic maps	
Soil Data Viewer Homepage: http://soildataviewer.nrcs.usda.gov Download a tool that allows a user to create soil-based thematic maps	
Geospatial Data Gateway Homepage: http://datagateway.nrcs.usda.gov Download natural resources data for free	

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Center for Geographic Information: http://www.michigan.gov/cgi Download data from the Michigan Geographic Data Library	
<u>II. BIOLOGY REFERENCES</u>	
<u>Birds</u>	
Michigan Audubon Society: http://www.michiganaudubon.org/	
Michigan Birding: http://www-personal.umich.edu/~auntyem/michigan.html	
Breeding Bird Survey (BBS): http://www.pwrc.usgs.gov/bbs/	
<u>Ecosystems and Plant Communities</u>	
Michigan Natural Communities: http://web4.msue.msu.edu/mnfi/communities/index.cfm	
DNR Ecosystem-based Management: http://www.michigan.gov/dnr/0,1607,7-153-10366_11865---,00.html	
<u>Fish</u>	
Stream Corridor Restoration Handbook: www.nrcs.usda.gov/technical/stream_restoration/	
Streams and Rivers: http://www.nrcs.usda.gov/technical/streams.html	
Fish Identification - "Fishes of Wisconsin": http://www.wiscfish.org/fishid/frames.aspx	
<u>General</u>	
eNature: http://www.enature.com/home/	
Nature Serve: http://www.natureserve.org/	
<u>Habitat</u>	
Habitat Suitability Index Models: http://www.nwrc.usgs.gov/wdb/pub/hsi/hsiintro.htm	
Managing Michigan's Wildlife A Landowner's Guide: http://www.michigandnr.com/publications/pdfs/huntingwildlifehabitat/Landowners_Guide/Introduction/TOC.htm	
<u>Mammals</u>	
Michigan Mammals: http://www.michigan.gov/dnr/0,1607,7-153-10370_12145_12205---,00.html	
<u>Plants</u>	
Online Atlas of Michigan Plants: http://herbarium.lsa.umich.edu/website/michflora/	
Plants National Database: http://plants.usda.gov/	
<u>Pollinators</u>	
Pollinator Partnership: http://www.pollinator.org/	
Xerces Society: http://www.xerces.org/	

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<u>Reptiles and Amphibians</u>	
Partners in Amphibian and Reptile Conservation (PARC): http://www.parcplace.org/ Michigan Amphibians and Reptiles: http://www.michigan.gov/dnr/0,1607,7-153-10370_12145_12201---.00.html	
<u>Threatened and Endangered</u>	
Michigan Special Animals: http://web4.msue.msu.edu/mnfi/data/specialanimals.cfm Michigan Special Plants: http://web4.msue.msu.edu/mnfi/data/specialplants.cfm	
<u>Wetlands</u>	
NRCS Wetland Science: http://www.wli.nrcs.usda.gov/ US EPA Wetlands: http://www.epa.gov/wetlands/	
<u>III. FORESTRY REFERENCES</u>	
<u>General</u>	
USDA-NRCS National Forestry Handbook: http://soils.usda.gov/technical/nfhandbook/ USDA-NRCS National Forestry Manual: http://directives.nrcs.usda.gov/17896.wba	
USDA-NRCS Michigan Conservation Practice Standards and Conservation Sheets: http://efotg.nrcs.usda.gov/efotg_locator.aspx?map=MI (select your county, and browse to Sec. IV)	
Forest Landowner's Guide to Internet Resources: www.na.fs.fed.us/pubs/misc/ir/index.htm	
MDNR Website: http://www.michigan.gov/dnr/	
MSUE Forestry Publications: http://www.for.msu.edu/extension/extensio.htm	
US Forest Service Website: http://www.fs.fed.us	
US Forest Service Northeastern Area-State and Private Forestry Websites: http://www.na.fs.fed.us/	
US Forest Service North Central Forest Experiment Station, St. Paul, MN: http://www.ncrs.fs.fed.us/	
<u>Agroforestry</u>	
National Agroforestry Center (NAC) Website Order Free Brochures and tools on: Alley Cropping, Forest Farming, Riparian Forest Buffers, Silvopasture, Windbreaks, Special Applications: http://www.unl.edu/nac	
<u>Christmas Trees</u>	
Growing Christmas Trees In Michigan, MSU-E Bulletin E-1172: http://forestry.msu.edu/extension/ExtDocs/xmastree.htm	
Shearing Recommendations for Christmas Tree Producers, NCR310E Bulletin: http://forestry.msu.edu/extension/ExtDocs/shear.htm	

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<u>Consultant Foresters</u>	
By Counties: http://forestry.msu.edu/extension/extdocs/consulfor/consult.htm	
<u>Direct Seeding</u>	
Illinois Direct Seeding Handbook (Click on Technical Resources): http://www.il.nrcs.usda.gov/technical/forestry/dshndbk.html	
Woody Plant Seed Manual, USFS Misc. Publication #654: http://www.nsl.fs.fed.us/wpsm/	
<u>Invasive Plants-Michigan</u>	
Michigan Invasive Plants Council and Invasive Plants List: http://invasiveplantsmi.org	
<u>Forest Insects and Diseases</u>	
Christmas Tree Pest Manual, MSU-E, FS Bulletin E-2676, published 1998: http://www.na.fs.fed.us/spfo/pubs/misc/xmastree/index.htm	
Crop Advisory Team Alerts (CAT) Forestry, Landscape and Christmas Trees: http://www.ipm.msu.edu/land-cat.htm	
Forest Health- Reporting Forest Insect and Disease Pests: http://www.michigan.gov/dnr/0,1607,7-153-30301_30505_30830---,00.html	
<u>Fertilization-Trees</u>	
Fertilizing Shade and Ornamental Trees, MSU-E Bulletin: http://forestry.msu.edu/extension/ExtDocs/fert.htm	
<u>Forest Management</u>	
Crop Tree Management in Eastern Hardwoods, NA-TP-19-93 by Arlyn Perkey: http://www.na.fs.fed.us/pubs/ctm/cover_to_toc.pdf	
USDA-NRCS Forest Stand Improvement Standard and Conservation Sheet: http://efotg.nrcs.usda.gov/efotg_locator.aspx?map=MI (select your county, and browse to Sec. IV)	
Purdue University Forest Management Bulletins/Publications: www.agcom.purdue.edu/agcom/Pubs/fnr.htm	
University of Minnesota Forest Management Bulletins/Publications: www.extension.umn.edu/topics.html?topic=2&subtopic=91	

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<u>Timber Harvesting and Timber Sales</u>	
Conducting a Successful Timber Sale: http://clean-water.uwex.edu/pubs/pdf/forest.timbersale.pdf	
Michigan Stumpage Price Reports http://www.michigan.gov/dnr/0,1607,7-153-10368_22594-81536---,0.html	
Ohio Timber Prices Reports. Good reference for the SLP: http://www.oardc.ohio-state.edu/ohiowood/	
<u>Tree/Shrub Identification</u>	
National Plants Database: plants.usda.gov	
Virginia Tech Dendrology page: http://www.cnr.vt.edu/dendro/dendrology/ident.htm	
Landscape Plants of the Upper Midwest: http://www.midwestlandscapeplants.org/index.cfm	
Identifying Trees in Michigan, MSU-E Publication, E-2332: http://forestry.msu.edu/extension/ExtDocs/idents.htm	
<u>Tree/Shrub Planting</u>	
USDA-NRCS Michigan Tree/Shrub Planting Standards and Conservation Sheets: http://efotg.nrcs.usda.gov/efotg_locator.aspx?map=MI (select your county, and browse to Sec. IV)	
Tree Planting in Michigan, MSU-E Bulletin E-771: http://forestry.msu.edu/extension/ExtDocs/treepInt.htm	
Weed Control for Tree/Shrub Planting, USDA-NRCS Conservation Sheet: http://efotg.nrcs.usda.gov/efotg_locator.aspx?map=MI (select your county, then browse to Sec. IV)	
VegSpec Web Site: http://vegspec.nrcs.usda.gov/vegSpec/index.jsp	
American Standards for Nursery Stock: http://agri.nv.gov/Brochures/ANLAStandard2004.pdf	
Cover crops (Ontario Extension Notes): http://www.lrconline.com/Extension_Notes_English/pdf/cvrcrps.pdf	
<u>Tree/Shrub Pruning</u>	
USDA-NRCS Michigan Tree/Shrub Pruning Standard and Conservation Sheets: http://efotg.nrcs.usda.gov/efotg_locator.aspx?map=MI (select your county, and browse to Sec. IV)	

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<u>Windbreaks</u>	
USDA-NRCS Michigan Standards and Conservation Sheets for Windbreak Establishment and Windbreak Renovation: http://efotg.nrcs.usda.gov/efotg_locator.aspx?map=MI (select your county, and browse to Sec. IV)	
<u>IV. GRAZING REFERENCES</u>	
<u>V. PLANT MATERIAL REFERENCES</u>	
<u>VI. RECREATION REFERENCES</u>	
Michigan Tourism Information: http://www.msue.msu.edu/portal/default.cfm?pageset_id=117281&page_id=259835&msue_portal_id=25643	
<u>VII. OTHER REFERENCES</u>	
<u>Conservation Planning</u>	
National Planning Procedure Handbook: http://directives.sc.egov.usda.gov/ (On the eDirectives website, click on the 'Handbooks' bar to the left, choose 'Title 180 – Conservation Planning and Application', then click 'Part 600 – National Planning Procedures Handbook')	
<u>Economics</u>	
Economic Reference & Tools: http://www.economics.nrcs.usda.gov/ On this site, the economic analysis and tools are organized by land use. These tools represent electronic programs developed and used by NRCS economists and planners. Some of these tools will need you to modify the spreadsheet to fit Michigan conditions, practices, etc.	

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Economics Continued

USDA- Economic Research Service: www.ers.usda.gov

The Economic Research Service (ERS) is the main source of economic information and research from the U.S. Department of Agriculture. Here you can:

Access data pertaining to governmental programs and analysis. Ex. Data - Farm Bill, EQIP. To get to data reports, go to the home page (link provided above) and on the top header of the web page, click on the keyword that says Data Sets. Then merely use the search function on the page to enter specific words/titles of reports and/or data you need.

Access recent and past publications (post 1995) such as magazines, press releases, and research reports. To reach the publications page, follow the same instructions as to reach the data site, but this time click on Publications on the header bar. There is a search function on this page as well.

Access to general research and knowledge on a specific topic can be found as well. Ex. Crops, Ag Chemicals & Production. To reach this site follow the previous instructions, clicking on the words Key Topics on the header bar. Once at the site simply choose your pertaining topic.

Read about the general research emphases that the ERS has focused on. These links encompass data, publications, and topical information organized around a specific theme. Highest relative value for NRCS is the *Harmony between Agriculture and Environment* theme. To get here, follow the same instructions but click on Research Emphases, and then on *Harmony between Agriculture and Environment*.

National Agricultural Statistics Service - Michigan site: www.nass.usda.gov/mi/

NASS serves the basic agricultural and rural data needs of the country by providing objective and accurate statistical information and services to farmers, ranchers, agribusinesses, public officials, and others.