



# Bibliography



Summer 2015  
Continuous Living Cover Series

*Photo of intermediate wheatgrass field, from The Land Institute, Salina, KS*

## Agroforestry

**Agroforestry.** University of Minnesota | Extension.  
<http://www.extension.umn.edu/environment/agroforestry/>

**AFTA | Association for Temperate Agroforestry.** <http://www.aftaweb.org/>

**The Center for Agroforestry at the University of Missouri.** Available at  
<http://www.centerforagroforestry.org/practices/> (verified 29 June 2015).

**Climate Risk Adaptation by Smallholder Farmers: The Roles of Trees and Agroforestry.** Lasco, R.D., R.J.P. Delfino, D.C. Catacutan, E.S. Simelton, and D.M. Wilson. 2014. *Curr. Opin. Environ. Sustain.* 6: 83–88  
<http://www.sciencedirect.com/science/article/pii/S1877343513001619>

**Cold Hardiness Ratings for Selected Woody Plants.** The United States National Arboretum.  
<http://www.usna.usda.gov/Hardzone/hrdzon4.html>

**Conservation Buffers.** National Agroforestry Center.  
<http://nac.unl.edu/buffers/index.html>

**Economic and Environmental Costs and Benefits of Living Snow Fences: Safety, Mobility, and Transportation Authority Benefits, Farmer Costs, and Carbon Impacts.** February 2012. Gary Wyatt, University of Minnesota Extension; Minnesota Department of Transportation Research Services.  
[www.lrrb.org/media/reports/201203.pdf](http://www.lrrb.org/media/reports/201203.pdf)

**Great Plains Windbreak Renovation and Innovation Conference.** National Agroforestry Center.

[http://nac.unl.edu/multimedia/conferences/Great\\_Plains/windbreakrenovation20120724.htm](http://nac.unl.edu/multimedia/conferences/Great_Plains/windbreakrenovation20120724.htm)

**Growing Fruit in the Upper Midwest.** University of Minnesota Press.  
<http://www.upress.umn.edu/book-division/books/growing-fruit-in-the-upper-midwest>

**Living Snow Fences: Functions and Benefits.** University of Minnesota | Extension.  
<http://www.extension.umn.edu/environment/agroforestry/components/UMN-Extension-LivingSnowFences.pdf>

**Minnesota Hardy.** University of Minnesota | Extension.  
<http://www.extension.umn.edu/garden/yard-garden/landscaping/minnesota-hardy/#look>

**Plant Hardiness Zone Map.** USDA.  
<http://planthardiness.ars.usda.gov/PHZMWeb/>

**Publications.** Iowa State University Extension and Outreach.  
<https://store.extension.iastate.edu/ProductList?Keyword=windbreaks>

**Publications.** National Agroforestry Center.  
<http://nac.unl.edu/publications/index.htm>

**Silvopasture Course.** National Agroforestry Center.  
<http://www.silvopasture.org/about.html>

**Training manual for Applied Agroforestry Practices – 2013 Edition.** The Center for Agroforestry at the University of Missouri.  
<http://www.centerforagroforestry.org/pubs/training/>

## **Biomass**

**Bioenergy and Sustainable Agriculture: Perennial Biomass Crops for Multiple Benefits.** Proceedings of a conference in Decatur, IL; Nov. 2014.  
<http://greenlandsbluewaters.net/2014-conference>

**Bioenergy Landscapes for Water Quality and Greenhouse Gas Reduction.** November 2014. M. Cristina Negri\*, Herbert Ssegane and Patty Campbell. Energy Systems Division, U.S. Department of Energy.  
[http://misadocuments.info/Cristina\\_Negri\\_Argonne\\_2014.pdf](http://misadocuments.info/Cristina_Negri_Argonne_2014.pdf)

**Harvest and Supply of Native Grass for Bioenergy.** 2014. Tom Canam, Eastern Illinois University.

[http://greenlandsbluewaters.net/Tom\\_Canam\\_Native\\_Grass\\_Bioenergy\\_2014.pdf](http://greenlandsbluewaters.net/Tom_Canam_Native_Grass_Bioenergy_2014.pdf)

**Multi-fuel Biomass Boilers are Key to Midwestern Biomass Markets.** 2014. Eric Rund, Green Flame Energy.

[http://greenlandsbluewaters.net/Eric\\_Rund\\_GreenFlameEnergy\\_2014.pdf](http://greenlandsbluewaters.net/Eric_Rund_GreenFlameEnergy_2014.pdf)

**Processing Methods to Improve the Feed Value of Perennial Grasses.** 2014. Michael Cecava, Director of Feed Technology Research, Archer Daniels Midland Company.

[http://greenlandsbluewaters.net/Mike\\_Cecava\\_ADM\\_2014.pdf](http://greenlandsbluewaters.net/Mike_Cecava_ADM_2014.pdf)

## **Cover Crop Selection**

**Cover Crop Chart.** USDA-ARS Northern Great Plains Research Laboratory, Mandan, ND.

<http://www.ars.usda.gov/main/docs.htm?docid=20323>

**Cover Crop Field Guide, pocket-sized printed booklet.** 2012. The Midwest Cover Crop Council and Purdue University; available for \$5 per copy:

<https://ag.purdue.edu/agry/dtc/Pages/CCFG.aspx>

**Cover Crop Selection Guide.** Yahara Pride Farms Available at

<http://www.yaharapridefarms.org/cover-crop-selection-guide/> (verified 21 July 2015).

**Cover crops and cattle** | Cattle Network. Available at

<http://www.cattlenetwork.com/advice-and-tips/cowcalf-producer/cover-crops-and-cattle> (verified 21 July 2015).

**Midwest Cover Crop Council's Cover Crop Selector Tool.**

<http://mcccdev.anr.msu.edu/VertIndex.php>

**Midwest Cover Crop Council Crop Descriptions.** Midwest Cover Crops Council.

<http://www.mccc.msu.edu/CCinfo/cropbycrop.html>

**Multicriteria decision analysis applied to cover crop species and cultivars selection.**

Ramírez-García, J., J.M. Carrillo, M. Ruiz, M. Alonso-Ayuso, and M. Quemada. 2015.

Field Crops Res. 175: 106–115 Available at

Continuous Living Cover Series, Summer 2015

A project of Green Lands Blue Waters, funded by NCR-SARE

<http://www.sciencedirect.com/science/article/pii/S0378429015000507> (verified 21 July 2015).

**SmartMix Calculator.**

<https://greencoverseed.com/>

**State-by-State Decision Tools.** Midwest Cover Crop Council.

<http://www.mccc.msu.edu/selectorINTRO.html>

**2013 Iowa Farm Custom Rate Survey.** March 2013. William Edwards, Ann Johanns, and Andy Chamra. In Ag Decision Maker, Iowa State University Extension and Outreach.

<http://www.extension.iastate.edu/agdm/crops/pdf/a3-10.pdf>

**2012-2013 Cover Crop Survey.** June 2013. Steve Werblow and Chad Watts. Conservation Technology Information Center (CTIC) and North Central Region SARE.

<http://www.ctic.org/media/pdf/Cover%20Crops/SARE-CTIC%20Cover%20Crop%20Survey%202013.pdf>

## Cover Crop Termination

**Crop Insurance, Cover Crops and NRCS Cover Crop Termination Guidelines FAQs**

<http://www.rma.usda.gov/help/faq/covercrops2014.html>

**Cover Crops – Iowa, Minnesota, and Wisconsin.** January 2014. Risk Management Agency Fact Sheet.

[http://www.rma.usda.gov/fields/mn\\_rso/2014/covercrops.pdf](http://www.rma.usda.gov/fields/mn_rso/2014/covercrops.pdf)

**Follow the rules for killing a cover crop.** Available at <http://farmprogress.com/story-follow-rules-killing-cover-crop-9-125660> (verified 21 July 2015).

**NRCS Cover Crop Termination Guidelines: Non-irrigated Cropland.** June 2013.

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/stelprdb1167871.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1167871.pdf)

**NRCS Cover Crop Termination Guidelines: Non-irrigated Cropland.** December 2013.

<http://efotg.sc.egov.usda.gov/references/public/MN/340TerminationGuideline.pdf>

**Revised Cover Crop Termination Guidelines.** NRCS eDirectives - NB 450-15-1 TCH –

Available at <http://directives.sc.egov.usda.gov/ViewerFS.aspx?hid=36436> (verified 30 July 2015).

## Cover Crops

**Aerial Seeding Cover Crops.** 2012. Allamakee Soil & Water Conservation District.  
<http://allamakeeswcd.org/aerial-seeding-cover-crops/>

**Building Soil Fertility.** In: Managing Cover Crops Profitably. 2007. Marianne Santiano. Sustainable Agriculture Research and Education (SARE), USDA.  
<http://www.sare.org/Learning-Center/Books/Managing-Cover-Crops-Profitably-3rd-Edition/Text-Version/Building-Soil-Fertility>

**Cover Crop Chart.** Northern Great Plains Research Laboratory : Available at  
<http://www.ars.usda.gov/Services/docs.htm?docid=20323> (verified 21 July 2015).

**Cover Crop Topic Room / Learning Center / SARE.** Available at  
<http://www.sare.org/Learning-Center/Topic-Rooms/Cover-Crops> (verified 21 July 2015).

**Cover crops and cattle | Cattle Network.** Available at  
<http://www.cattlenetwork.com/advice-and-tips/cowcalf-producer/cover-crops-and-cattle> (verified 21 July 2015).

**Cover Crops Resource Websites, Publications and Contact People.** Green Lands Blue Waters.  
<http://greenlandsbluewaters.net/strategies/cover-crops>

**Drainage Water Quality Impacts of Current and Future Agricultural Management Practices.** Leopold Center for Sustainable Agriculture Competitive Grant Report XP2011-14.  
<http://www.leopold.iastate.edu/sites/default/files/grants/XP2011-04.pdf>

**Effectiveness of Oat and Rye Cover Crops in Reducing Nitrate Losses in Drainage Water.** 2012. T.C. Kaspar, D.B. Jaynes, T.B. Parkin, T.B. Moorman, J.W. Singer.  
*Agricultural Water Management* 110:25–33.  
<http://naldc.nal.usda.gov/naldc/download.xhtml?id=54466&content=PDF>

**Integrating Cover Crops in Soybean Rotations: Challenges and Recommendations for the North Central Region.** 2015. Midwest Cover Crops Council.  
[www.mccc.msu.edu/documents/2015Integrating\\_CoverCrops\\_Soybeans.pdf](http://www.mccc.msu.edu/documents/2015Integrating_CoverCrops_Soybeans.pdf)

**MCCC: Cover Crop Information.** Available at  
<http://www.mccc.msu.edu/publications.html> (verified 21 July 2015).

**Managing Cover Crops Profitably, 3<sup>rd</sup> Edition.**

<http://www.sare.org/Learning-Center/Books/Managing-Cover-Crops-Profitably-3rd-Edition>

**Rye Cover Crop and Gamagrass Strip Effects on NO<sub>3</sub> Concentrations and Load in Tile Drainage.** 2007. T.C. Kaspar, D.B. Jaynes, T.B. Parkin, T.B. Moorman.

*Journal of Environmental Quality* 36(5):1503-11

<https://dl.sciencesocieties.org/publications/jeq/abstracts/36/5/1503>

**Short Cover Crops Put Down Deep Roots.** Plant Cover Crops.

<http://plantcovercrops.com/short-cover-crops-put-down-deep-roots/>

**Using Cover Crops and Cropping Systems for Nitrogen Management.** Chapter 9 in *Advances in Nitrogen Management for Water Quality*. Edited by Jorge A. Delgado and Ronald F. Follett. 2010, 424 pages, hardcover. Soil and Water Conservation Society. ISBN 978-0-9769432-0-4

[http://www.swcs.org/documents/filelibrary/advances\\_in\\_nitrogen\\_management\\_for\\_water\\_quality/ANM9\\_A41356AAD3B6A.pdf](http://www.swcs.org/documents/filelibrary/advances_in_nitrogen_management_for_water_quality/ANM9_A41356AAD3B6A.pdf)

**Winter Cover Crops.** Chapter 13 in *Organic Risk Management*, Kristine Moncada and Craig Sheaffer.

[http://www.organicriskmanagement.umn.edu/winter\\_cover13.html](http://www.organicriskmanagement.umn.edu/winter_cover13.html)

**2014-2015 Annual Report: Cover Crop Survey.** 2015. Steve Werblow. Conservation Technology Information Center, Sustainable Agriculture Research and Education Program, and American Seed Trade Association.

<http://www.sare.org/Learning-Center/From-the-Field/North-Central-SARE-From-the-Field/2015-Cover-Crop-Survey-Analysis>

## **Erosion**

**Daily Estimates of Rainfall, Water Runoff, and Soil Erosion in Iowa.** 2006. R. Cruse, D. Flanagan, J. Frankenberger, B. Gelder, D. Herzmann, D. James, W. Krajewski, M. Kraszewski, J. Laflen, J. Opsomer, and D. Todey. *Journal of Soil and Water Conservation*. 61(4):191-199.

<http://www.jswconline.org/content/61/4/191.short>

**Grassed waterways can help maintain soil quality and productivity.** Staton, M. 2015. MSU Ext. Available at

Continuous Living Cover Series, Summer 2015

A project of Green Lands Blue Waters, funded by NCR-SARE

[http://msue.anr.msu.edu/news/grassed\\_waterways\\_can\\_help\\_maintain\\_soil\\_quality\\_and\\_productivity](http://msue.anr.msu.edu/news/grassed_waterways_can_help_maintain_soil_quality_and_productivity) (verified 21 July 2015).

**Impact of Conservation Practices on Soil Erosion in Iowa's Loess Hills.** Iowa Learning Farm.

[https://www.extension.iastate.edu/NR/rdonlyres/26DC3619-5E13-4992-9F38-C104F60E6DBE/135600/Conservation Practices on Soil Erosion Loess Hills.pdf](https://www.extension.iastate.edu/NR/rdonlyres/26DC3619-5E13-4992-9F38-C104F60E6DBE/135600/Conservation_Practices_on_Soil_Erosion_Loess_Hills.pdf)

**Impacts of Integrated Crop-Livestock Systems on Nitrogen Dynamics and Soil Erosion in Western Iowa Watersheds.** 2005. Burkart, M., D. James, M. Liebman, and C. Herndl. *Journal of Geophysical Research.*, 110, G01009, doi:10.1029/2004JG000008.

<http://onlinelibrary.wiley.com/doi/10.1029/2004JG000008/full>

**Iowa Daily Erosion Project.** Department of Agronomy. Iowa State University.

<http://wepp.mesonet.agron.iastate.edu/GIS/erosion.phtml>

**Rethink tolerable soil loss on your corn, soybean fields.** Ruen, J. 2015. Corn Soybean Dig. Available at <http://cornandsoybeandigest.com/tillage/rethink-tolerable-soil-loss-your-corn-soybean-fields> (verified 21 July 2015).

**Sensitivity of the US Corn Belt to Climate Change and Elevated CO<sub>2</sub>: II. Soil Erosion and Organic Carbon.** 1996. Jeffrey J. Lee, Donald L. Phillips, Rusty F. Dodson.

*Agricultural Systems* Volume 52, Issue 4, December 1996, Pages 503–521.

<http://www.sciencedirect.com/science/article/pii/S0308521X96000157>

**Soil Erosion: A Food and Environmental Threat.** Pimentel, D. 2006. *Environ. Dev. Sustain.* 8(1): 119–137 Available at

<http://link.springer.com.ezp3.lib.umn.edu/article/10.1007/s10668-005-1262-8> (verified 10 July 2015).

**Soil Erosion – About the Data.** Natural Resources Conservation Service, NRCS.

<http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/technical/nra/nri/?cid=stelprdb1041925>

**Summary Report: 2010 National Resources Inventory.**

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/stelprdb1167354.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1167354.pdf)

## EQIP

Continuous Living Cover Series, Summer 2015

A project of Green Lands Blue Waters, funded by NCR-SARE

**Conservation Practices | NRCS.** Available at

[http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national/technical/references/?cid=nrcs143\\_026849](http://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/national/technical/references/?cid=nrcs143_026849) (verified 16 June 2015).

**Environmental Quality Incentives Program | NRCS.** Available at

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/eqip/> (verified 29 July 2015).

**EQIP - General Contracting Guidance Document - FY 2015 (MN)**

**Field Office Technical Guide (FOTG) | NRCS.** Available at

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/technical/fotg/> (verified 16 June 2015).

**FY2015 Payment Scenario Descriptions for Planners - Illinois**

**Iowa Environmental Quality Incentives Program (EQIP) List of Eligible Practices and Payment Schedule FY2015**

**MO 2015 EQIP Environmental Quality Incentives Program Policy**

**A Seat at the Table for Conservation Policy - State Technical committees and Local Work Groups.** United States Department of Agriculture Natural Resource Conservation Service. 2006. Available at [http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs141p2\\_018303.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs141p2_018303.pdf) (verified 15 July 2015).

**WI EQIP FY15 Cost List**

## **Grass-Fed Beef**

**National Monthly Grass Fed Beef Report.** Agricultural Marketing Service (USDA-AMS) report on grass-fed beef prices.

[http://www.ams.usda.gov/mnreports/nw\\_ls110.txt](http://www.ams.usda.gov/mnreports/nw_ls110.txt)

**Tallgrass Beef**

<http://www.tallgrassbeef.com/>

**Thousand Hills Cattle Company** (source cattle in IA, MN, and WI)

<http://www.thousandhillscattleco.com/>



## **Wisconsin Grass-Fed Beef Cooperative**

<http://wisconsingrassfed.coop/>

## **Grassed Waterways**

**Design of Grassed Waterways: Illinois Drainage Guide.** University of Illinois, Urbana-Champaign.

<http://www.wq.uiuc.edu/dg/grass.htm>

**Grassed Waterway: Iowa Fact Sheet.** Natural Resources Conservation Service, USDA.

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs142p2\\_007306.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_007306.pdf)

**Grassed Waterways.** Conservation Practices: Minnesota Conservation Funding Guide.

<http://www.mda.state.mn.us/protecting/conservation/practices/waterway.aspx>

## **Grazing**

**Additional contract grazing information:**

[http://greenlandsbluwaters.net/Perennial\\_Forage/contract.html](http://greenlandsbluwaters.net/Perennial_Forage/contract.html)

**Basics of Contract Grazing, The.**

[http://greenlandsbluwaters.net/Perennial\\_Forage/CG\\_Basics\\_final\\_0313.pdf](http://greenlandsbluwaters.net/Perennial_Forage/CG_Basics_final_0313.pdf)

**Can Better Grazing Help Dairy Farmers Cope With Drought and Climate Change?**

Roth, A. Civ. Eats Available at <http://civileats.com/2015/06/08/can-better-grazing-help-californias-dairy-farmers-brace-for-drought/> (verified 21 July 2015).

**Cover crops and cattle** | Cattle Network. Available at

<http://www.cattlenetwork.com/advice-and-tips/cowcalf-producer/cover-crops-and-cattle> (verified 21 July 2015).

**Evaluating Land Suitability for Grazing Cattle.**

[http://greenlandsbluwaters.net/Perennial\\_Forage/CG\\_Evaluating%20Land\\_final\\_0313.pdf](http://greenlandsbluwaters.net/Perennial_Forage/CG_Evaluating%20Land_final_0313.pdf)

**GrassWorks Grazing Networks (Wisconsin)**

<http://grassworks.org/?110500>

**Grazing information and support from Iowa Beef Center**

<http://www.iowabeefcenter.org/news/grazingevents2014.html>

**Greenhorn Grazing, Iowa Beef Center**

<http://www.iowabeefcenter.org/events/GHgrazingflyer2014.pdf>

**Keep Cattle in Minnesota.** Sustainable Farming Association of MN

<http://www.sfa-mn.org/keep-cattle-in-minnesota/>

**Livestock Program, Practical Farmers of Iowa**

<http://practicalfarmers.org/member-priorities/livestock/>

**Midwest Perennial Forage Working Group:**

[http://greenlandsbluewaters.net/Perennial\\_Forage/resources.html](http://greenlandsbluewaters.net/Perennial_Forage/resources.html)

**MN Grazing Lands Conservation Association**

<http://www.mnglca.org/>

**Pasture Rental and Lease Agreements**

[http://greenlandsbluewaters.net/Perennial\\_Forage/CG\\_ContractLeases\\_final\\_0313.pdf](http://greenlandsbluewaters.net/Perennial_Forage/CG_ContractLeases_final_0313.pdf)

**Rates Charged for Contract Grazing Agreements**

[http://greenlandsbluewaters.net/Perennial\\_Forage/CG\\_Rates\\_final\\_0313.pdf](http://greenlandsbluewaters.net/Perennial_Forage/CG_Rates_final_0313.pdf)

**Sustainable Grazing, Better Beef** | NRDC. Nat. Resour. Def. Council. Available at <http://www.nrdc.org/food/better-beef-production/grazing-operations.asp> (verified 21 July 2015).

**Well-Managed Grazing Systems: a Forgotten Hero of Conservation.** 2012. Alan J.

Franzluebbers, Laura K. Paine, Jonathan R. Winsten, Margaret Krome, Matt A.

Sanderson, Kevin Ogles, and Dennis Thompson. *Journal of Soil and Water Conservation* 67(4):100A-104A.

<http://www.jswconline.org/content/67/4/100A.full.pdf+html>

**Wisconsin School for Beginning Dairy Farmers**

<http://www.cias.wisc.edu/dairysch.html>

## Habitat

**Connecting Landscape Fragments Through Riparian Zones.** 2012. Bentrup, G., M. Dosskey, G. Wells, and M. Schoeneberger. *Forest Landscape Restoration*. 15:93-109. [link.springer.com/chapter/10.1007/978-94-007-5326-6\\_5](http://link.springer.com/chapter/10.1007/978-94-007-5326-6_5)

**Conservation Corridor Planning at the Landscape Level: Managing For Wildlife Habitat.** August 1999. PI: Craig W. Johnson; Research Assistants Gary Bentrup, Dick Rol. USDA-NRCS. USDA Part 614.4; National Biology Handbook. <http://practicalconservation.org/corridors-buffer-manuals/>

**Pollinator Conservation Fact Sheets.** The Xerces Society for Invertebrate Conservation. <http://www.xerces.org/fact-sheets/>

**NRCS Documents for Pollinator Conservation and Enhancement.** Natural Resources Conservation Service. <https://plants.usda.gov/pollinators/NRCSdocuments.html>

**Winter Habitat for Ring-Necked Pheasants.** University of Minnesota | Extension. <http://www.extension.umn.edu/environment/agroforestry/docs/winter-habitat-for-pheasants-2012.pdf>

## Hypoxia

**Drainage Water Quality Impacts of Current and Future Agricultural Management Practices.** Leopold Center for Sustainable Agriculture Competitive Grant Report XP2011-14. <http://www.leopold.iastate.edu/sites/default/files/grants/XP2011-04.pdf>

**2014 Forecast: Summer Hypoxic Zone Size, Northern Gulf of Mexico.** June 2014. Nancy N. Rabalais (LUMCON, [nrabalais@lumcon.edu](mailto:nrabalais@lumcon.edu)) and R. Eugene Turner (LSU, [eurne@lsu.edu](mailto:eurne@lsu.edu)). <http://www.gulfhypoxia.net/Research/Shelfwide%20Cruises/2014/HypoxiaForecast2014.pdf>

## Land & Landscape Management

**Chippewa 10% Project: Making Needed Ecosystem Services Pay in an Agricultural Watershed**

[http://greenlandsbluewaters.net/Presentations\\_2013conf/Chippewa10\\_2013.pdf](http://greenlandsbluewaters.net/Presentations_2013conf/Chippewa10_2013.pdf)

**Impacts of integrated crop-livestock systems on nitrogen dynamics and soil erosion in western Iowa watersheds.** 2005. Burkart, M., D. James, M. Liebman, and C. Herndl. *J. Geophys. Res.*, 110, G01009, doi:10.1029/2004JG000008.

**Interim Final Benefit-Cost Analysis for the Environmental Quality Incentives Program (EQIP).** January 2009. USDA Natural Resources Conservation Service. [www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs143\\_007977.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs143_007977.pdf)

**Multifunctional Agriculture in the United States.** 2005. George Boody, Bruce Vondracek, David A. Andow, Mara Krinke, John Westra, Julie Zimmerman and Patrick Welle. *BioScience* 55 (1): 27-38.

<http://bioscience.oxfordjournals.org/content/55/1/27.full>

**Multiple Benefits of Agriculture Initiative.** Land Stewardship Project. <http://landstewardshipproject.org/about/libraryresources/scienceandresearch/benefitsofag/multiplebenefitspeerreviewedpapers>

**Summary of Functional Benefits of Native Plants in Designed and Natural Landscapes.** Brendan Dougherty and Dan Shaw. Board of Soil and Water Resources, State of Minnesota.

[http://www.bwsr.state.mn.us/native\\_vegetation/Plant\\_Function\\_Resources.pdf](http://www.bwsr.state.mn.us/native_vegetation/Plant_Function_Resources.pdf)

**Targeting Perennial Vegetation in Agricultural Landscapes for Enhancing Ecosystem Services.** Asbjornsen, H., V. Hernandez-Santana, M. Liebman, J. Bayala, J. Chen, M. Helmers, C.K. Ong and L.A. Schulte. 2013 *Renewable Agriculture and Food Systems* 29(02):101-125.

<http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9239886&fileId=S1742170512000385>

**Using Biodiversity to Link Agricultural Productivity with Environmental Quality: Results From Three Field Experiments in Iowa.** 2013. Liebman, Matt ; Helmers, Matthew J. ; Schulte, Lisa A. ; Chase, Craig A. *Renewable Agriculture and Food Systems*. Vol.28(2), p.115(14)

## Leadership

**Farmer-Led Conservation.** Farmer-led councils in St. Croix River watershed.

[http://greenlandsbluewaters.net/Presentations\\_2013conf/Julia\\_Olmstead\\_2013.pdf](http://greenlandsbluewaters.net/Presentations_2013conf/Julia_Olmstead_2013.pdf)

Continuous Living Cover Series, Summer 2015

A project of Green Lands Blue Waters, funded by NCR-SARE

**Meet the Cover Crop Champions.** National Wildlife Federation.  
<http://blog.nwf.org/2014/05/meet-the-cover-crop-champions/>

**Southwest Badger Managed Grazing Program**  
<http://www.swbadger.org/managedgrazing.html>

## **Livestock**

**Decision Tools and Software.** Wisconsin Beef Information Center.  
<http://fyi.uwex.edu/wbic/decision-tools-and-software/>

**Heat Stress In Feedlot Cattle: Producer Survey Results.** A.S. Leaflet R1348. Darrell Busby and Dan Loy.  
<http://www.iowabeefcenter.org/Cattlemen'sConference/heat%20stress%20study.pdf>

**Illinois Livestock Trail**  
<http://livestocktrail.illinois.edu/>

**Iowa Beef Center**  
<http://www.iowabeefcenter.org/>

**Livestock Enterprise Budgets for Iowa.** Iowa State University Extension and Outreach.  
<http://www.extension.iastate.edu/agdm/livestock/html/b1-21.html>

**University of Minnesota Extension Beef Team**  
<http://www.extension.umn.edu/agriculture/beef/>

**University of Minnesota Extension Dairy Team**  
<http://www.extension.umn.edu/agriculture/dairy/>

**University of Wisconsin Extension Dairy Team**  
<http://www.uwex.edu/ces/ag/teams/dairy/>

**Wisconsin Beef Information Center**  
<http://fyi.uwex.edu/wbic/>

## **Nutrient Loss**

**Cost of Soil Erosion, The.** 2013. Iowa Learning Farms.

[http://www.extension.iastate.edu/ilf/sites/www.extension.iastate.edu/files/ilf/Cost\\_of\\_Eroded\\_Soil.pdf](http://www.extension.iastate.edu/ilf/sites/www.extension.iastate.edu/files/ilf/Cost_of_Eroded_Soil.pdf)

**Erosion Estimated to Cost Iowa \$1 Billion in Yield.** The Des Moines Register.

<http://www.desmoinesregister.com/story/money/agriculture/2014/05/03/erosion-estimated-cost-iowa-billion-yield/8682651/>

**Drainage Water Quality Impacts of Current and Future Agricultural Management Practices.**

Leopold Center for Sustainable Agriculture Competitive Grant Report XP2011-14. <http://www.leopold.iastate.edu/sites/default/files/grants/XP2011-04.pdf>

**Effectiveness of Oat and Rye Cover Crops in Reducing Nitrate Losses in Drainage**

**Water.** 2012. T.C. Kaspar, D.B. Jaynes, T.B. Parkin, T.B. Moorman, J.W. Singer.

*Agricultural Water Management* 110:25–33.

<http://naldc.nal.usda.gov/naldc/download.xhtml?id=54466&content=PDF>

**Rye Cover Crop and Gamagrass Strip Effects on NO<sub>3</sub> Concentrations and Load in**

**Tile Drainage.** 2007. T.C. Kaspar, D.B. Jaynes, T.B. Parkin, T.B. Moorman.

*Journal of Environmental Quality* 36(5):1503-11

<https://dl.sciencesocieties.org/publications/jeq/abstracts/36/5/1503>

**Sources of Nitrate Yields in the Mississippi River Basin.** 2010. Mark B. David, Laurie

E. Drinkwater and Greg F. McIsaac. *Journal of Environmental Quality*. 39(5):1657-67.

## **Perennial Forage in the Crop Rotation**

**Agronomic and environmental impacts of pasture–crop rotations in temperate**

**North and South America.** Franzluebbers, A.J., J. Sawchik, and M.A. Taboada. 2014.

*Agric. Ecosyst. Environ.* 190: 18–26 Available at

<http://www.sciencedirect.com/science/article/pii/S0167880913003265> (verified 21 July 2015).

**Energy and Economic Returns by Crop Rotation.** September 2012. Ann M. Johanns,

Craig Chase, and Matt Liebmann. Iowa State University Extension.

[www.extension.iastate.edu/agdm/crops/html/a1-90.html](http://www.extension.iastate.edu/agdm/crops/html/a1-90.html)

**Frequently Asked Questions about Cropping System Diversity and Profitability**

<http://www.leopold.iastate.edu/faq-cropping-system-diversity-profitability>

**Impacts of Integrated Crop-Livestock Systems on Nitrogen Dynamics and Soil Erosion in Western Iowa Watersheds.** 2005. Burkart, M., D. James, M. Liebman, and C. Herndl. *Journal of Geophysical Research.*, 110, G01009, doi:10.1029/2004JG000008. <http://onlinelibrary.wiley.com/doi/10.1029/2004JG000008/full>

**Increasing Cropping System Diversity Balances Productivity, Profitability and Environmental Health.** 2012. Adam S. Davis, Jason D. Hill, Craig A. Chase, Ann M. Johanns, Matt Liebman. *PLoS ONE* 7(10): e47149. doi:10.1371/journal.pone.0047149 <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0047149#pone-0047149-g003>

**Integrated crop–livestock systems: Strategies to achieve synergy between agricultural production and environmental quality.** Lemaire, G., A. Franzluebbers, P.C. de F. Carvalho, and B. Dedieu. 2014. *Agric. Ecosyst. Environ.* 190: 4–8 Available at <http://www.sciencedirect.com/science/article/pii/S0167880913002697> (verified 21 July 2015).

**Long Term Effects of Crop Management: Profitability.** Results from the VICMS study at the Southwest Research and Outreach Center in Lamberton, Minnesota [http://swroc.cfans.umn.edu/prod/groups/cfans/@pub/@cfans/@swroc/documents/asset/cfans\\_asset\\_236361.pdf](http://swroc.cfans.umn.edu/prod/groups/cfans/@pub/@cfans/@swroc/documents/asset/cfans_asset_236361.pdf)

**Long-Term Effects of Crop Management: Soil Quality** [http://swroc.cfans.umn.edu/prod/groups/cfans/@pub/@cfans/@swroc/documents/asset/cfans\\_asset\\_236360.pdf](http://swroc.cfans.umn.edu/prod/groups/cfans/@pub/@cfans/@swroc/documents/asset/cfans_asset_236360.pdf)

**Long Term Effects of Crop Management: Yield.** Results from the VICMS study at the Southwest Research and Outreach Center, Lamberton, Minnesota. [http://swroc.cfans.umn.edu/prod/groups/cfans/@pub/@cfans/@swroc/documents/asset/cfans\\_asset\\_236359.pdf](http://swroc.cfans.umn.edu/prod/groups/cfans/@pub/@cfans/@swroc/documents/asset/cfans_asset_236359.pdf)

**Targeting perennial vegetation in agricultural landscapes for enhancing ecosystem services.** Asbjornsen, H., V. Hernandez-Santana, M. Liebman, J. Bayala, J. Chen, M. Helmers, C. k. Ong, and L. a. Schulte. 2014. *Renew. Agric. Food Syst.* 29(02): 101–125 Available at [http://journals.cambridge.org/article\\_S1742170512000385](http://journals.cambridge.org/article_S1742170512000385) (verified 21 July 2015).

**Using Legumes as a Nitrogen Source.** June 1997. L.G. Bundy, K.A. Kelling and L. Ward Good. University of Wisconsin Extension, publication #A3517.  
<http://ipcm.wisc.edu/download/pubsNM/Usinglegumes.pdf>

**3<sup>rd</sup> Crop Initiative.** Rural Advantage.  
<http://ruraladvantage.org/programs/third-crops/>

## **Prairie STRIPS**

**A Landowner's Guide to Prairie Conservation Strips.** The Leopold Center for Sustainable Agriculture, Iowa State University.  
[www.leopold.iastate.edu/sites/default/files/pubs-and-papers/2013-08-landowners-guide-prairie-conservation-strips.pdf](http://www.leopold.iastate.edu/sites/default/files/pubs-and-papers/2013-08-landowners-guide-prairie-conservation-strips.pdf)

**Cost of Prairie Conservation Strips, The.**  
<http://www.leopold.iastate.edu/sites/default/files/pubs-and-papers/2013-08-cost-prairie-conservation-strips.pdf>

**Investigating Opportunities for Enhancing Farmer Adoption of Strategically Targeted Prairie Strips in Iowa.** Leopold Center for Sustainable Agriculture Competitive Grant Report P2012-08.

**Sediment Removal by Prairie Filter Strips in Row-Cropped Ephemeral Watersheds.** Helmers, M.J., X. Zhou, H. Asbjornsen, R. Kolka, M.D. Tomer, and R.M. Cruse. 2012. J. Environ. Qual. 41(5): 1531 Available at  
<https://www.agronomy.org/publications/jeq/abstracts/41/5/1531> (verified 7 July 2015).

**Small Changes, Big Impacts: Prairie Conservation Strips.**  
<http://www.leopold.iastate.edu/sites/default/files/pubs-and-papers/2014-03-small-changes-big-impacts-prairie-conservation-strips.pdf>

**STRIPS Research Team.**  
<http://www.leopold.iastate.edu/strips-research-team>

## **Riparian Buffers**

**Agroforestry Practices: Riparian Forest Buffers.** The Center for Agroforestry, University of Missouri.  
<http://www.centerforagroforestry.org/practices/rb.php>



**Bear Creek Riparian Buffer Project.** Supported by the Leopold Center for Sustainable Agriculture, Iowa State University  
<http://www.leopold.iastate.edu/sites/default/files/pubs-and-papers/2013-06-funding-impact-brief-bear-creek-riparian-buffer-project.pdf>

**Buffers and Vegetative Filter Strips.** Matthew J. Helmers, Thomas M. Isenhardt, Michael G. Dosskey, Seth M. Dabney, Jeffrey S. Strock. 2008. Pp. 43-58 in UMRSHNC (Upper Mississippi River Sub-basin Hypoxia Nutrient Committee). 2008. Final Report: Gulf Hypoxia and Local Water Quality Concerns Workshop. St. Joseph, Michigan: ASABE. Copyright 2008 by the American Society of Agricultural and Biological Engineers.  
<http://lshs.tamu.edu/docs/lshs/end-notes/buffers%20and%20vegetative%20filter%20strips-3676912155/buffers%20and%20vegetative%20filter%20strips.pdf>

**Connecting Landscape Fragments Through Riparian Zones.** 2012. Bentrup, G., M. Dosskey, G. Wells, and M. Schoeneberger. *Forest Landscape Restoration*. 15:93-109.  
[link.springer.com/chapter/10.1007/978-94-007-5326-6\\_5](http://link.springer.com/chapter/10.1007/978-94-007-5326-6_5)

**Establishment of Riparian Forest Buffers.** University of Minnesota | Extension.  
<http://www.extension.umn.edu/environment/agroforestry/riparian-forest-buffers-series/establishment-of-riparian-forest-buffers/>

**Riparian Management System.** Iowa State University.  
<http://www.buffer.forestry.iastate.edu/HTML/buffer.html>

## Soil

**Act naturally: Couple Finds Farming Organic Nourishes Soil, Spirit.** MPR News. 2014.  
<http://www.mprnews.org/story/2014/07/14/act-naturally-couple-finds-farming-organic-nourishes-soil-spirit>

**Minnesota Soil Management Series.** University of Minnesota | Extension.  
<http://www.extension.umn.edu/agriculture/tillage/soil-management/soil-management-series/>

**Organic Matter Management.** Updated 2008. Minnesota Institute for Sustainable Agriculture.

<http://www.extension.umn.edu/agriculture/tillage/soil-management/soil-management-series/organic-matter-management/index.html>

**Soil Biology Primer.** Natural Resources Conservation Service.

<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/biology/>

**Soil Health Principles.** Sustainable Agriculture Research & Education (SARE).

<http://www.sare.org/Events/National-Conference-on-Cover-Crops-and-Soil-Health/Presentations-from-General-and-Breakout-Sessions/Soil-Health-Principles>

**Soil Health, Profits, and Resiliency.** Land Stewardship Project.

<http://landstewardshipproject.org/stewardshipfood/soilquality>

### Specialty/Niche Crops

**Ag Decision Maker, Iowa Fruit and Vegetable Production Budgets.** Craig Chase.

Iowa State University Extension.

[www.extension.iastate.edu/agdm/crops/html/a1-17.html](http://www.extension.iastate.edu/agdm/crops/html/a1-17.html)

**Minnesota Specialty Crops, An Analysis of Profitability and Performance.** 2013.

Minnesota Department of Agriculture

[www.mda.state.mn.us/~media/Files/food/organicgrowing/specialtycrop2012.aspx](http://www.mda.state.mn.us/~media/Files/food/organicgrowing/specialtycrop2012.aspx)

### Water Infiltration

**Soil-Water Infiltration Under Crops, Pasture, and Established Riparian Buffer in Midwestern USA.** 2002. L. Bharati, K.-H. Lee, T.M. Isenhardt, and R.C. Schultz.

*Agroforestry Systems* 56(3): 249–257.

<http://link.springer.com/article/10.1023/a:1021344807285>

### Women Caring for the Land

Cox, E. 2013. **The Landowner's Guide to Sustainable Farm Leasing** | Sustainable Farm Lease. Available at <http://sustainablefarmlease.org/the-landowners-guide-to-sustainable-farm-leases/> (verified 30 July 2015).

Kishida, K.T., D. Yang, K.H. Quartz, S.R. Quartz, and P.R. Montague. 2012. **Implicit signals in small group settings and their impact on the expression of cognitive capacity and associated brain responses.** *Philos. Trans. R. Soc. B Biol. Sci.* 367(1589): 704–716 Available at

<http://rstb.royalsocietypublishing.org/cgi/doi/10.1098/rstb.2011.0267> (verified 20 July 2015).

Women, Food and Agriculture Network. 2012. **Improving Outreach to Female Non-Operator Farmland Owners**. Available at [http://womenscaringfortheland.org/wp-content/uploads/2013/10/7thEdition\\_1\\_web.pdf](http://womenscaringfortheland.org/wp-content/uploads/2013/10/7thEdition_1_web.pdf).