

Sustainable Agriculture Reading List

“4 Per 1000” Initiative, <https://www.4p1000.org/>

Wendell Berry, “For Love of the Land”, *Sierra*, May/June, 2001

Rick Cruse, “Soil Erosion – What will the future bring?” Iowa State University, Robert Goodland and Jeff Anhang, “Livestock and Climate Change: What if the key actors in climate change are . . . cows, pigs, and chickens?,” www.worldwatch.org, November/December 2009

Adam S. Davis, Jason D. Hill, Craig A. Chase, Ann M. Johanns, Matt Liebman, “Increasing Crop System Diversity Balances Productivity, Profitability and Environmental Health,” www.plosone.org, October 10, 2012¹

“Can organic reduce cancer risk?” *Cedar Rapids Gazette*, October 26, 2018, reprinted from *Los Angeles Times*

Daniel Kane, “Carbon Sequestration Potential on Agricultural Lands: A Review of Current Science and Available Practices”, National Sustainable Agriculture Coalition and Breakthrough Strategies and Solutions, LLC, November 2015

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Dave Swenson, “Research and assistance in support of the Foodsheds in the Upper Midwest Initiative to measure the economic impacts of increased local food production and consumption”, Leopold Center, Iowa State University, 2011

Dave Swenson, “The Economic Contribution of Niman Ranch Hog Production in Iowa”, March 2021

Donnelle Eller, “ISU: Small-scale hog production has big economic impact”, *Des Moines Register*, August 29, 2021

Dick Sloan, “Dividends from a new view of soil”, *Cedar Rapids Gazette*, March 31, 2018

Dennis Anderson, “Reports of species die-offs are scary, but public’s indifference is scarier”, *Cedar Rapids Gazette*, October 28, 2018, reprinted from the *Star Tribune*

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Joseph E. Fargione, Steven Bassett, Timothy Boucher, Scott D. Bridgham, Richard T. Conant, Susan C. Cook-Patton, Peter W. Ellis, Alessandra Falcucci, James W. Fourqurean, Trisha Gopalakrishna, Huan Gu, Benjamin Henderson, Matthew D. Hurteau, Kevin D. Kroeger, Timm Kroeger, Tyler J. Lark, Sara M. Leavitt, Guy Lomax, Robert I. McDonald, J. Patrick Megonigal, Daniela A. Miteva¹, Curtis J. Richardson, Jonathan Sanderman, David Shoch, Seth



Local produce. Photo courtesy USDA NRCS, Stephen Kirkpatrick

¹ This is also referred to as the Marsden study.

A. Spawn, Joseph W. Veldman, Christopher A. Williams, Peter B. Woodbury, Chris Zganjar, Marci Baranski, Patricia Elias, Richard A. Houghton, Emily Landis, Emily McGlynn, William H. Schlesinger, Juha V. Siikamaki, Ariana E. Sutton-Grier, Bronson W. Griscom, "Natural climate solutions for the United States", *Science Advances*, 2018; 4:eaat1869, November, 2018

Erin Jordan, "Are golf courses contributing to nitrate runoff? Iowa survey shows courses don't contribute significantly", *Cedar Rapids Gazette*, October 21, 2017

Erin Jordan, "Food waste study diverts 1,000 pounds from landfill," *Cedar Rapids Gazette*, November 29, 2014

Rob Jordan, "Soil holds potential to slow global warming, Stanford researchers find", *Stanford News*, October 5, 2017

<http://extension.agron.iastate.edu/soybean/documents/SoilErosion.pdf>

Finian Makepeace, "A Regenerative Secret", *Kiss the Ground*, 2018, <https://joyce-farms.com/blogs/news/a-regenerative-secret> - regenerative agriculture and carbon capture

Alice Park, "A Mother's Exposure to Pesticides During Pregnancy May Raise Children's Autism Risk", *Time*, March 20, 2019

Tom Philpott, "High Steaks – Our power to stop climate change may depend on what's for dinner", *Mother Jones*, May/June, 2019

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Jason Johnson, "Cover crops control soil erosion," *Cedar Rapids Gazette*, May 4, 2013

Jeff Schahczenski and Holly Hill, "Agriculture, Climate Change and Carbon Sequestration", *National Sustainable Agriculture Information Service*, 2009

John Gilbert, "Water quality: What has changed?," *Cedar Rapids Gazette*, September 25, 2016



Beef cattle in the pasture. Photo courtesy USDA NRCS, Lvnn Betts

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“Robert B. Jackson, Kate Lajtha, Susan E. Crow, Gustaf Hugelius, Marc G. Kramer, Gervasio Pineiro, The Ecology of Soil Carbon: Pools, Vulnerabilities, and Biotic and Abiotic Controls”, *Annual Review of Ecology, Evolution, and Systematics*, 2017

Mark Muller, The World Beneath Your Feet: A Closer Look at Soil and Roots, Living Roadway Trust Fund, 2012

Maryn McKenna, “After Years of Debate, the FDA Finally Curtails Antibiotic Use In Livestock”, *Newsweek*, 1/13/17

Nicolette Hahn Niman, Righteous Porkchop: Finding a Life and Good Food Beyond Factory Farm, Harper Collins Publishers, 2010

Orlan Love, “Farmers tout benefits of no-till techniques,” *Cedar Rapids Gazette*, December 5, 2014

Orlan Love, “Conservation officials stress cover crops,” *Cedar Rapids Gazette*, October 4, 2014

Orlan Love, “Dirt poor,” *Cedar Rapids Gazette*, April 21, 2011

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Tom Philpott, “The Fault in Our Starch”, *Mother Jones*, January/February, 2020

Tom Philpott, “Oats and Dreams. How a milk trend could stoke an agricultural revolution,” *Mother Jones*, May+June, 2018



Tom Philpott, “One Weird Trick to Fix Farms Forever. Does David Brandt hold the secret for turning industrial agriculture from global-warming problem to carbon solution?” *Mother Jones*, September 9, 2013

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Kate Cox and H. Claire Brown, “Academics across the country say agribusiness has outsize influence on their research”, *New Food Economy*, January 31, 2019

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"The Haney Test for Soil Health", Ohio State University Extension, <https://agcrops.osu.edu/newsletter/corn-newsletter/2019-07/haney-test-soil-health>

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