Part IV
Additional Resources

Additional Resources

Selected Book and Journal Resources:

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Franzluebbers, A., R. Haney, F. Hons, D. Zuberer. 1996. Determination of microbial biomass and nitrogen mineralization following rewetting of dried soil. Soil Science Society of America Journal 60: 1133-1139.

Grubinger, V. Farmers and Innovative Cover Cropping Techniques. A 70-minute educational video featuring 10 farms from 5 northeastern states (PA, NH, NY, MA, NJ). University of Vermont Extension in conjunction with NE-SARE (ordering information available at: http://www.uvm.edu/vtvegandberry/Videos/covercropvideo.html)

Grubinger, V. Vegetable Farmers and their Sustainable Tillage Practices. A 45-minute educational video featuring 9 farms from 4 northeastern states (PA, NH, NY, NJ). University of Vermont Extension in conjunction with NE-SARE. (ordering information available at: http://www.uvm.edu/vtvegandberry/Videos/covercropvideo.html)

Harrison, E.Z., M.B. McBride, D.R. Bouldin. 1999. Land application of sewage sludges: An appraisal of the US regulations. International Journal of Environment and Pollution 11 (1): 1–36.

Magdoff, F., R.R. Weil (eds.). 2004. Soil Organic Matter in Sustainable Agriculture. CRC Press, Taylor and Francis Group, Boca Raton, FL.

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Moebius-Clune, B. N., H.M. van Es, O.J. Idowu, R.R. Schindelbeck, J.M. Kimetu, S. Ngoze, J. Lehmann, J.M. Kinyangi. 2010. Development and evaluation of scoring functions for integrative soil quality assessment and monitoring in western Kenya. In Applications of Integrative Soil Quality Assessment in Research, Extension, and Education. Ph.D. Dissertation, Cornell University, Ithaca NY.

Moebius-Clune, B. N., H.M. van Es, O.J. Idowu, R.R. Schindelbeck, J.M. Kimetu, S. Ngoze, J. Lehmann, J.M. Kinyangi. 2011. Long-term Soil Quality Degradation along a Cultivation Chronosequence in Western Kenya. Agriculture Ecosystems and Environment, 141, 86-99.

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Rhoades, J.D. 1996. Salinity: Electrical conductivity and total dissolved solids. In Methods of Soil Analysis. Part 3-Chemical Methods. SSSA, Inc. ASA, Inc. Madison, WI. P. 417-435.

Sarrantonio, M. 1994. Northeast Cover Crop Handbook. Soil Health Series, Rodale Institute, Kutztown, PA. (order from: http://www.johnnyseeds.com/p-7976-northeast-cover-crop-handbook.aspx#)

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Selected Book and Journal Resources: *Continued*

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Walker, J.M. 2002. The bicinchonic acid (BCA) assay for protein quantitation. In: J. M. Walker, editor The Protein Protocols Handbook. Humana Press, Totowa, NJ.

Wolfe, D.W. 2001. Tales From the Underground: A Natural History of Subterranean Life. Perseus Publishing Group. Cambridge, MA.

Wolf, J.M., A.H. Brown, D.R. Goddard. 1952. An improved electrical conductivity method for accurately following changes in the respiratory quotient of a single biological sample. Plant Physiology 27: 70-80.

Wollum, A., J. Gomez. 1970. A conductivity method for measuring microbially evolved carbon dioxide. Ecology 51: 155-156.

Wright, S.F., A. Upadhyaya. 1996. Extraction of an abundant and unusual protein from soil and comparison with hyphal protein of arbuscular mycorrhizal fungi. Soil Science 161: 575-586.

Zibilske, L. 1994. Carbon mineralization. Methods of Soil Analysis: Part 2—Microbiological and Biochemical Properties. p. 835-863.

Good pasture management leads to good soil health.

Selected Web Resources:

Cornell Comprehensive Assessment of Soil Health (CASH)
(http://soilhealth.cals.cornell.edu): The Cornell CASH website provides resources on many aspects of soil health management. For example, there is information regarding the Cornell Soil Health Test in addition to links to important resources such as how to take, package and ship a soil health sample, a downloadable version of this manual, demonstration tools, and a detailed description of the Soil Health Management Planning Process.

National Sustainable Agriculture Information Service
(http://attra.ncat.org/): contains information pertaining to sustainable agriculture and organic farming including in-depth publications on production practices, alternative crop and livestock enterprises, innovative marketing, organic certification, and highlights of local, regional, USDA and other federal sustainable ag activities.

Northeast Sustainable Agriculture Research and Education
(http://www.nesare.org): search the project report database for the latest in sustainable research and education projects that are ongoing in the northeast including information on soil management.

Soil Science Society of America
(http://www.soils.org): is the website for the soil science professionals.

USDA-Natural Resources Conservation Service (NRCS) Soil Survey and Soil Health Information
(http://soils.usda.gov)
(http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/soils/health/): Helping People Help the Land. Websites provide a wealth of information of soil taxonomy, soil survey maps, soil biology, soil function, soil health educational materials, etc. for educators, researchers and land managers.

Agency for Toxic Substances and Disease Registry ToxFAQsTM
(http://www.atsdr.cdc.gov/toxfaqs/index.asp): contains information about contaminants found at hazardous waste sites.

Cornell Waste Management Institute
(http://cwmi.css.cornell.edu/soilquality.htm): fact sheets and other resources provide a variety of information related to soil contaminants, soil testing, and best practices, including "Sources and Impacts of Contaminants in Soils", "Guide to Soil Testing and Interpreting Results", and "Soil Contaminants and Best Practices for Healthy Gardens."

Selected Web Resources: *Continued*

Healthy Soils, Healthy Communities Project
(http://cwmi.css.cornell.edu/healthysoils.htm): a community-research-Extension partnership led by Cornell University, the New York State Department of Health, and NYC Parks GreenThumb, funded by National Institute of Health and National Institute of Environmental Health Sciences. Research and Extension activities address contamination in urban gardens and provide resources for gardeners and others, including:

"What Gardeners Can Do: 10 Best Practices for Healthy Gardening" (http://cwmi.css.cornell.edu/WhatGardenersCanDoEnglish.pdf) and

"Metals in Urban Garden Soils" (http://cwmi.css.cornell.edu/Metals_Urban_Garden_Soils.pdf)

New York State Department of Health, "Healthy Gardening: Tips for New and Experienced Gardeners"
(http://www.health.ny.gov/publications/1301/index.htm): provides information to help gardeners learn more about where to plant, how to prepare new gardens, and how to grow and harvest healthier fruits and vegetables.

New York State Department of Health, Lead Poisoning Prevention
(http://www.health.ny.gov/environmental/lead): provides information to help people prevent lead poisoning.

US Environmental Protection Agency, Urban Agriculture and Improving Local, Sustainable Food Systems
(http://www.epa.gov/brownfields/urbanag/): resources from the Office of Brownfields and Land Revitalization provide information intended for people working on agriculture projects as a part of brownfield redevelopment and reuse. The website includes educational resources, success stories, FAQs, and more.

Soil Renaissance
(http://soilrenaissance.org/): a multi-organizational effort lead by Farm Foundation, NFP and the Samuel Roberts Noble Foundation to advance soil health and make soil health the cornerstone of land use management decisions by bringing together relevant stakeholders around critical needs. In 2015 the Soil Renaissance formed the Soil Health Institute: http://soilhealthinstitute.org/

USDA Agricultural Research Service Northern Great Plains Research Laboratory Cover Crop Chart
(http://www.ars.usda.gov/Main/docs.htm?docid=20323): designed to assist producers with decisions on the use of cover crops in crop and forage production systems.

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