

REFERENCES



HEALTHY SOILS

Conservation Technology Information Center. (2002). Tillage Type Definitions. https://www.ctic.org/resource_display/?id=322.

Natural Resources Conservation Service (2013). Soil Health Information Starter Kit. <https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/soils/health/>.

Healthy Soils Calculation References

Michigan Department of Environmental Quality, Surface Water Quality Division. (1999). Pollutants Controlled Calculations and Documentation for Section 319 Watersheds Training Manual. http://it.tetrattech-ffx.com/steplweb/STEPLmain_files/Region5manual.pdf.

Struss, R. (2003). The 500lbs Algae Adage. University of Minnesota Extension.

JUST FOR KIDS

Shiklomanov, I. 7 Gleick, P.H. (1993). Water in Crisis: A Guide to the World's Fresh Water Resources.

USGS. (n.d.). The Water Cycle for Schools and Kids. https://www.usgs.gov/special-topic/water-science-school/science/water-cycle-schools-and-kids?qt-science_center_objects=0#qt-science_center_objects.

Water Use It Wisely. (n.d.). 100+ Ways to Conserve Water: How to Save Water Tips. <https://wateruseitwisely.com/100-ways-to-conserve/>.

Just for Kids Calculation References

D.o.o., Y. (n.d.). Indianapolis, IN - Detailed climate information and monthly weather forecast. <https://www.weather-us.com/en/indiana-usa/indianapolis-climate>.

Inskeep, B.D. & Attari, S.Z. (2014) The Water Short List: The Most Effective Actions U.S. Households Can Take to Curb Water Use. Environment: Science and Policy for Sustainable Development, 56:4, 4-15. 10.1080/00139157.2014.922375.

van der Wel, B. (1995). Dog Pollution. The Magazine of the Hydrological Society of South Australia. 2(1)1.

REFERENCES



USDA-NRCS. (2005). Composting Dog Waste.
https://prod.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_035763.pdf.

LAWN FERTILIZER

National Oceanic and Atmospheric Administration (NOAA). (2017). Gulf of Mexico 'dead zone' is the largest ever measured. <https://www.noaa.gov/media-release/gulf-of-mexico-dead-zone-is-largest-ever-measured>.

National Oceanic and Atmospheric Administration (NOAA). (2018). What is hypoxia?
<https://gulfhypoxia.net/about-hypoxia/>.

Nutrient Stewardship. (2017). 4Rs of Nutrient Stewardship. <https://nutrientstewardship.org/>.

Ohio EPA, Division of Surface Water. (2011). The Impact of Nitrogen and Phosphorus on Water Quality. <https://www.epa.ohio.gov/dsw>.

Struss, R. (2003). The 500lbs Algae Adage. University of Minnesota Extension.

U.S. Environmental Protection Agency (EPA). (n.d.) Hypoxia 101 – What is hypoxia and what causes it? <https://www.epa.gov/ms-htf/hypoxia-101>.

Vidyasagar, A. (2016). What Are Algae? <https://www.livescience.com/54979-what-are-algae.html>.

Lawn Fertilizer Calculation References

Reicher, Z., Bigelow, C., Patton, A., & Voigt, T. (2006). Lawn Improvement Programs. Purdue University Extension and University of Illinois Extension. Turfgrass Science, AY-13-W & IL-IN TW4. <https://turf.purdue.edu/homeowner-publications/>.

Struss, R. (2003). The 500lbs Algae Adage. University of Minnesota Extension.

NATIVE PLANTS & POLLINATORS

Hoosier Heartland RC&D. (2009). Build Your Own Rain Garden.
https://www.hamiltonswcd.org/uploads/3/7/2/3/37236909/rain_garden_brouchure_hhrcd.pdf.

Indiana Department of Environmental Management (IDEM). (2020). Major Types of Nonpoint Source Pollutants. <https://www.in.gov/idem/nps/2479.htm>.

REFERENCES



Indiana Department of Natural Resources (IDNR). (2009). Lakescaping for Wildlife and Water Quality: Indiana Addendum. https://www.in.gov/dnr/fishwild/files/fw-Lakescaping_for_Wildlife_and_Water_Quality_Indiana_Addendum_Oct_2009.pdf.

Indiana Wildlife Federation. (n.d.). Habitat Programs. <https://www.indianawildlife.org/habitat-programs/>.

Marion County Soil and Water Conservation District. (n.d.). Native Plantings for Beneficial Insects and Pollinators. <https://marionswcd.org/native-plants/>.

Minnesota Department of Agriculture. (n.d.). Best Management Practices for Pollinators and Their Habitat. <https://www.mda.state.mn.us/sites/default/files/inline-files/pollinatoryardbmps.pdf>.

Minnesota Department of Natural Resources. (n.d.). Restore Your Shore (RYS). <https://www.dnr.state.mn.us/rys/index.html>.

Natura, H. (1995). Root Systems of Prairie Plants. <http://livinghabitats.com/root-diagram/>.

Pollinator Partnership. (n.d.) List of Pollinated Food. <https://www.pollinator.org/list-of-pollinated-food>.

U.S. Environmental Protection Agency. (n.d.). Protection of Bees and Other Pollinators from Pesticides. <https://www.epa.gov/pollinator-protection>.

Whitford, F., Foster, R., Anderson, G., Obermeyer, J. and Smith, K.L. (2016). Tips for Commercial Agricultural Pesticide Applicators. Purdue University Extension. Protecting Pollinators, PPP-113, POL-3. https://edustore.purdue.edu/item.asp?Item_Number=POL-3.

Xerces Society. (n.d.). Nesting & Overwintering Habitat for Pollinators & Other Beneficial Insects. <https://www.xerces.org/publications/fact-sheets/nesting-overwintering-habitat>.

Native Plants & Pollinators Calculation References

Michigan Department of Environmental Quality, Surface Water Quality Division. (1999). Pollutants Controlled Calculations and Documentation for Section 319 Watersheds Training Manual. http://it.tetrattech-ffx.com/steplweb/STEPLmain_files/Region5manual.pdf.

Struss, R. (2003). The 500lbs Algae Adage. University of Minnesota Extension.

REFERENCES



PET POO

Humane Society of the United States. (n.d.). Ending Pet Homelessness.
<https://www.humanesociety.org/all-our-fights/ending-pet-homelessness>.

Stormwater Center. (n.d.). Pollution Prevention Fact Sheet: Animal Waste Collection.
<https://www.stormwatercenter.net/>.

USDA-NRCS. (2005). Composting Dog Waste.
https://prod.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_035763.pdf.

van der Wel, B. (1995). Dog Pollution. The Magazine of the Hydrological Society of South Australia. 2(1)1.

Pet Poo Calculation References

D.o.o., Y. (n.d.). Indianapolis, IN - Detailed climate information and monthly weather forecast.
<https://www.weather-us.com/en/indiana-usa/indianapolis-climate>.

USDA-NRCS. (2005). Composting Dog Waste.
https://prod.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_035763.pdf.

van der Wel, B. (1995). Dog Pollution. The Magazine of the Hydrological Society of South Australia. 2(1)1.

SEPTIC MAINTENANCE

Allen County Public Information Office. (2008). Out of Sight, Not Out of Mind #1.
https://www.youtube.com/watch?v=EMUB0OReDFs&feature=channel_page.

Boone County Health Department. (n.d.). The Use and Care of Aging Septic Systems.

Farrell-Poe, K. (2010). Maintaining Your Septic Tank. Arizona Cooperative Extension, AZ1160.
<https://extension.arizona.edu/pubs/>

Lee, B., Jones, D., & Peterson, H. (2005). Septic System Failure. Purdue Extension, HENV-1-W.
<https://mdc.itap.purdue.edu/newsearch.asp?subCatID=237%20&CatID=1>

Indiana State Department of Health, Environmental Public Health. (2009). Diseases Involving Sewage. <https://www.in.gov/isdh/files/diseases.pdf>

REFERENCES



- Stanton, K., Mickelbart, M., Lee, B. & Jones, D. (2008). Landscaping Over Septic Systems with Native Plants. Purdue Extension, HENV-15-W.
<https://www.septicdesign.com/wp-content/uploads/2010/06/landscape-over-septic1.pdf>
- U.S. Environmental Protection Agency (2005). A Homeowner's Guide to Septic Systems.
https://www3.epa.gov/npdes/pubs/homeowner_guide_long.pdf
- U.S. Environmental Protection Agency (2005). The Choice is Yours: Clean or Green Water.
<https://www.youtube.com/watch?v=WaIrLFq3DGI&feature=youtu.be>

Septic Maintenance Calculation References

- Lee, B., Jones, D., & Peterson, H. (2005). Septic System Failure. Purdue Extension, HENV-1-W.
<https://mdc.itap.purdue.edu/newsearch.asp?subCatID=237%20&CatID=1>

TREES

- American Forests. (2016). Tree Equity in America's Cities.
<https://www.americanforests.org/our-work/urban-forestry/>
- Arbor Day Foundation (n.d.) Benefits of Trees. <https://www.arborday.org/trees/benefits.cfm>
- Audubon. (2017). Why Native Plants Matter.
<https://www.audubon.org/content/why-native-plants-matter>.
- Cappiella, K., Schueler, T., & Wright, T. (2005). Using Trees to Protect and Restore Urban Watersheds. Urban Watershed Forestry Manual, Center for Watershed Protection, Part 1.
- Cook, B. (2019). Facing the Facts. Michigan State University Extension.
<https://www.canr.msu.edu/news/facing-the-facts>.
- Cotrone, V. (2008). The Role of Trees and Forests in Healthy Watersheds: Managing stormwater, reducing flooding, and improving water quality. Penn State University.
<https://extension.psu.edu/the-role-of-trees-and-forests-in-healthy-watersheds>.
- Day, S.D., & Wiseman, P.E. (2009). At the Root of It. Arborist News - University of Virginia Tech's Department of Forest Resources and Environmental Conservation.
https://www.urbanforestry.frec.vt.edu/documents/articles/Roots1_Arb_News.pdf.

REFERENCES



Fazio, Dr. J. R. (2010). How Trees Can Retain Stormwater Runoff. Tree City USA Bulletin, No. 55.

Hoover, W.L. & Settle, J. (2010). Indiana's Hardwood Industry: It's Economic Impact. Purdue University Forestry and Natural Resources & Indiana Department of Natural Resources.

U.S. Environmental Protection Agency. (2018). Greenhouse Gas Emissions from a Typical Passenger Vehicle. <https://www.epa.gov/greenvehicles/greenhouse-gas-emissions-typical-passenger-vehicle>.

U.S. Environmental Protection Agency. (2013). Stormwater to Street Trees: Engineering Urban Forests for Stormwater Management. <https://www.epa.gov/sites/production/files/2015-11/documents/stormwater2streettrees.pdf>.

Xiao, Q. and McPherson, E.G. (2016). Surface Water Storage Capacity of Twenty Tree Species in Davis, California. Journal of Environmental Quality, Special Section, 188-198.

Trees Calculation References

Casey Trees and Davey Tree Expert Co. (n.d.). National Tree Benefit Calculator. <http://www.treebenefits.com/calculator/>.

Center for Urban Forest Research (CUFR). 2001. Fact Sheet #1 Benefits of the Urban Forest, USDA Forest Service, Pacific Southwest Research Station. Davis, CA.

WATER CONSERVATION

40 Gallon Challenge. (n.d.). I pledge to save water for my state. <https://40gallonchallenge.org/pledge/>.

Inskeep, B.D. & Attari, S.Z. (2014) The Water Short List: The Most Effective Actions U.S. Households Can Take to Curb Water Use. Environment: Science and Policy for Sustainable Development, 56:4, 4-15. 10.1080/00139157.2014.922375.

Citizens Energy Group. (n.d.). Be Water Wise. <https://www.citizensenergygroup.com/My-Home/Conserve-Save/Be-WaterWise>.

Consortium for Energy Efficiency (CEE). (2020). Residential Clothes Washers Qualifying Product List. <https://library.cee1.org/content/qualifying-product-lists-residential-clothes-washers>.

REFERENCES



Consortium for Energy Efficiency (CEE). (2020). Residential Dishwashers Qualifying Product List. <https://library.cee1.org/content/qualifying-product-lists-residential-dishwashers>.

Energy Star. (n.d.). About ENERGY STAR for the Residential Sector. https://www.energystar.gov/about/origins_mission/energy_star_overview/about_energy_star_residential_sector.

Indiana American Water. (n.d.). Wise Water Use. <https://www.amwater.com/inaw/water-information/wise-water-use>.

Mono Lake Committee. (n.d.). Water Conservation. <https://www.monolake.org/about/waterconservation>.

National Geographic. (2010). Water Conservation Tips. <https://www.nationalgeographic.com/environment/freshwater/water-conservation-tips/>.

Ranson-Shortney, J. (1976). Reusing Things: 100 Ideas of How to Reuse Commonly Thrown Away Items. Mother Earth News. <https://www.motherearthnews.com/homesteading-and-livestock/reusing-things-zmaz76mazhar>.

Save Our Water. (n.d.). Outdoors. <https://www.saveourh2o.org/content/outdoors>.

Sonoma-Marín Saving Water Partnership. (n.d.). Conserving Water is Easy. <http://www.savingwaterpartnership.org/tips/>.

U.S. Environmental Protection Agency. (n.d.). WaterSense. <https://www.epa.gov/watersense>.

Water Use It Wisely. (n.d.). 100+ Ways to Conserve Water: How to Save Water Tips. <https://wateruseitwisely.com/100-ways-to-conserve/>.

Wittman, J. (2014). Water and Economic Development in Indiana: Modernizing the State's Approach to a Critical Resource. <https://www.indianachamber.com/news-resources/studies-reports/indianas-water-supply-economic-development/>.

Water Conservation Calculation References

Energy Star. (2016). Clothes Washers – Overview. https://www.energystar.gov/products/appliances/clothes_washers.

REFERENCES



Energy Star. (2016). Dishwashers – Overview.

<https://www.energystar.gov/products/appliances/dishwashers>.

Gross, M & Swift, C.E. (2014). Watering Established Lawns. Colorado State University Extension, Fact Sheet No. 7.199. <https://extension.colostate.edu/topic-areas/yard-garden/watering-established-lawns-7-199/>.

Kirkland, WA Public Works. Why Was My Water Bill High – How Much Water Do I Use Daily? https://www.kirklandwa.gov/depart/Public_Works/Utilities/Water/Water_Bill.htm.

Inskeep, B.D. & Attari, S.Z. (2014) The Water Short List: The Most Effective Actions U.S. Households Can Take to Curb Water Use. *Environment: Science and Policy for Sustainable Development*, 56:4, 4-15. 10.1080/00139157.2014.922375.

Mono Lake Committee. (n.d.) Water Conservation.

<https://www.monolake.org/about/waterconservation>.

National Geographic. (2010). Water Conservation Tips. <https://www.nationalgeographic.com/environment/freshwater/water-conservation-tips/>.

Water Use It Wisely. (n.d.). 100+ Ways to Conserve Water: How to Save Water Tips. <https://wateruseitwisely.com/100-ways-to-conserve/>.

WaterSense. (n.d.) Residential Toilets. <https://www.epa.gov/watersense/residential-toilets>.

WATERFOWL MANAGEMENT

MacGwan, B.J., Loven, J., & Whitford, F. (n.d.) Working with Wildlife: Urban Canada Goose Management. Purdue University Forestry and Natural Resources, FNR-FAQ-8-W. <https://www.purdue.edu/fnr/extension/>.

New Hampshire Department of Environmental Services. (2012). Canada Geese Facts and Management Options. <https://www.des.nh.gov/organization/commissioner/pip/factsheets/bb/documents/bb-53.pdf>.

State of Rhode Island and Providence Plantations Department of Environmental Management, Division of Fish and Wildlife. (2006). Mute Swan Management Plan.

REFERENCES



Waterfowl Management Calculation References

Alderisio, K.A., DeLuca, N. (1999). Seasonal enumeration of fecal coliform bacteria from the feces of ring-billed gulls (*Larus delawarensis*) and Canada Geese (*Branta canadensis*). *Applied and Environmental Microbiology*, 65(12):5628-5630.

Manny, B.A., W.C. Johnson & R.G. Wetzel. (1994). Nutrient Additions by Waterfowl to Lakes and Reservoirs: Predicting Their Effects on Productivity and Water Quality. *Hydrobiologia*, 279/280:121-132.

Marion, L., Clergeau P., Brient L. & Bertru G. (1994). The importance of avian- contributed nitrogen (N) and phosphorus (P) to Lake Grand- Lieu, France. *Hydrobiologia*, 279/280: 133-147. DOI: 10.1007/BF00027848.

Meerburg, B.G., Koene M. G., & Kleijn D. (2011). *Escherichia coli* concentrations in feces of geese, coots, and gulls residing on recreational water in The Netherlands. *Vector-Borne and Zoonotic Diseases*, 11(6): 601-603.

Sherer, N.M. et al 1995. Phosphorus loadings of an urban lake by bird droppings. *Lake and Reservoir Management*, 11(4): 317-327

Struss, R. (2003). *The 500lbs Algae Adage*. University of Minnesota Extension.