

SUPPORT MATERIAL FOR STRONG URBAN FERTILIZER ORDINANCES

“Strong” ordinances include:

1. Strict rainy season ban (4 months) on nitrogen and phosphorus application
2. No phosphorus without a soil test indicating a deficiency
3. At least 50% slow release nitrogen content
4. Fertilizer-free zone of at least 10 feet, without exception, from top of bank/seawall

Studies/Data

Blackout Test, 2009 by UF-IFAS researcher Dr. John L. Cisar

http://publicfiles.dep.state.fl.us/DEAR/nonpoint/WM869%20DATA/WM869%20Completed%20Studies%20Report%20May_1_2012.pdf (Pages 76-91)

FAU Harbor Branch Indian River Lagoon LOBOS: A Primer, by M. Dennis Hanisak, Florida Atlantic University, Harbor Branch, 2013

<http://www.fau.edu/hboi/meh/LOBO.Primer.pdf> (Pages 11-12)

Nutrients, before and after Fertilizer Ordinances, slides prepared by Lisa Beever, Ph.D., Director, Charlotte Harbor National Estuary Program:

<https://drive.google.com/file/d/0Byjb07VUzvnvMU0JhdUZYejhMTA/edit?usp=sharing>

Roberts Bay, slides prepared by Lisa Beever, Ph.D., Director, Charlotte Harbor National Estuary Program:

<https://drive.google.com/file/d/0Byjb07VUzvnvMVmxaRmlLMl9Uc28/edit?usp=sharing>

Analysis of Phosphorus, Nitrogen and Chlorophyll a in Storm Water Ponds Relative to the 2008 Fertilizer Ordinance, Pond Watch Program-Lee County Hyacinth Control District:

<https://drive.google.com/file/d/0Byjb07VUzvnvMd3RteG5YazZvTEU/edit?usp=sharing>

Reduced additions to river phosphorous for three years following the implementation of a lawn fertilizer ordinance, John T. Lehman, Douglas W. Bell, Jon P. Doubek and Kahli E. McDonald, 2011

<https://drive.google.com/file/d/0Byjb07VUzvnvMQzltUjRBeIzIbXc/edit?usp=sharing>

Fertilizer Ordinance Experience

Ernst: Experts agree that Sarasota’s fertilizer law is good, Jan. 26, 2012, from the Sarasota Herald-Tribune <http://www.heraldtribune.com/article/20120126/COLUMNIST/120129601/-1/news?Title=Ernst-Experts-agree-that-Sarasota-s-fertilizer-law-is-good>

Tampa Bay Has More Seagrass Thanks to Reduced Nitrogen Pollution, Feb. 7, 2013, from The Outdoor Wire <http://www.theoutdoorwire.com/story/1360226848h0207cm8xh5>

Rick Barth, President, Palmer Ranch Master Property Owner's Association 2009 Letter:

<https://drive.google.com/file/d/0Byjb07VUzvnvMYzFLRGnqTmdISG8/edit?usp=sharing>

List of ordinance-compliant products as of August 2016 (provided by Pinellas County):

<http://www.pinellascounty.org/environment/pdfs/Master-Product-List-Pinellas-County.pdf>

Summary of Manatee County Ordinance:

<https://drive.google.com/file/d/0Byjb07VUzvnMWW10TVNoTjdFbFk/edit?usp=sharing>

Be Floridian Tampa Bay Estuary Program (TBEP) education initiative shared by Pinellas, Manatee and Sarasota counties and the City of Tampa: <http://www.befloridian.org/>

Fertilize Smart/Don't Feed the Monster education initiative shared by Lee and Charlotte counties: <http://www.dontfeedthemonster.info/>

Be Floridian Now education initiative shared by Martin and St. Lucie counties, South Florida Water Management District, and the Marine Resources Council: <http://befloridiannow.org/>

Blue Life FL education initiative in Brevard County: <http://www.bluelifefl.org/>

Analysis/Reference Documentation

Evidence to Support Strong Urban Turf Grass Fertilizer Provisions, by Dr. Leesa Souto, Executive Director, Marine Resources Council: <http://www.mrcirl.org/irl-issues/science-to-support-fertilizer-controls>

Janicki Environmental, Inc., original cover letter and revised document in support of fertilizer ordinance in Cape Coral, FL:

<https://drive.google.com/file/d/0Byjb07VUzvnMWFctZ3BkanRrazg/edit?usp=sharing>

Model-Based Estimates of Nitrogen Load Reductions Associated with Fertilizer Restriction Implementation http://www.tbep-tech.org/TBEP_TECH_PUBS/2008/TBEP_07_08_Final_Reduction_Credits_TBEP_Regional_Fertilizer_Guideline_Recommendations.pdf

Public Record/Documentation utilized by Tampa Bay Watershed local governments (available on Manatee County website)

<http://www.mymanatee.org/home/government/departments/parks-and-recreation/natural-resources/new-fertilizer-ordinance-root/fertilizer-ordinance-support.html>

City of Cocoa Beach, FL agenda report on proposed rainy season application ban urban fertilizer ordinance, prepared by Joanie Regan, Stormwater Utility Director:

<https://drive.google.com/file/d/0Byjb07VUzvnMNjFzS2JlUk1WOHc/edit?usp=sharing>

Other IFAS, FDEP, USDA Publication references

List of IFAS and FDEP Publications in Support of Strong Ordinance Provisions:

<https://drive.google.com/file/d/0Byjb07VUzvnMXzN5RzJsTUNmZUK/edit?usp=sharing>

<http://planthardiness.ars.usda.gov/PHZMWeb/Images/72DPI/fl.jpg> - USDA hardiness zone map for Florida growing season zones

FDEP Model Ordinance (2015) – minimum requirements within nutrient-impaired watersheds:

<http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/dep-fert-modelord.pdf>