

Seminole County Fertilizer Ordinance



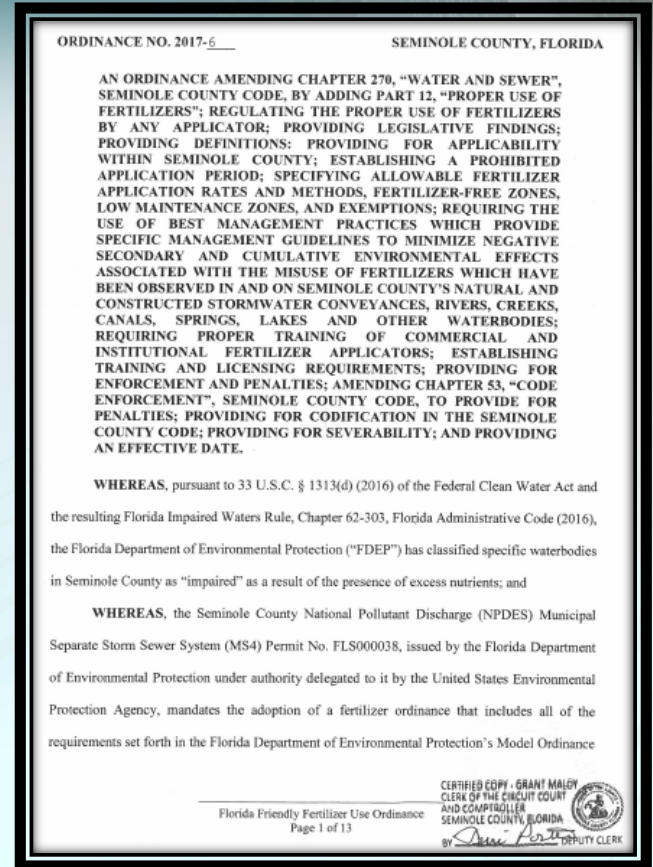
Fertilizer Ordinance

- Required by NPDES MS4 permit
- Adoption by 12/31/2013
- Minimum standard: “Model Ordinance for Florida-Friendly Fertilizer Use on Urban Landscapes” (FS 403.9337)



Fertilizer Ordinance

- The fertilizer ordinance *passed the BCC* on February 28, 2017
- The fertilizer ordinance became *effective* October 1, 2017



What are the key differences between the County and Model Ordinances?

Summer Restricted Period

- Do not use fertilizers containing nitrogen or phosphorus from June 1 – Sept 30
- Can use iron and other nutrients. “Summer Blends”

During the Non-Restricted season must use 50% or more slow release nitrogen (SRN)

- Increases to 65% SRN after 3 years (per FFL/FYN recommendation)

Do not use fertilizer within 15’ of any waterbody or wetland

Implementation Plan

- Focus on education, not enforcement
- Educational components:
 - Dedicated webpage
(seminolecountyfl.gov/fertilizer)
 - On-line calculators to help residents
 - FYN/FFL targeted workshops (regional, HOAs)
 - PSAs, billboards, vehicle wraps
 - Enlisted local advocacy groups to assist
 - Voluntary retail store cooperation (signage)

SAVE OUR WATERBODIES

Algae
Will grow and keep growing as long as there is Nitrogen and Phosphorus available.

Too much Algae

- Reduces clarity.
- Other plants can't get the light they need.
- Uses oxygen.
- Leads to fish kills.

Our waterways start at your front yard. Fertilizers • Grass Clippings • Leaves • Sediment. These carry Nitrogen, Phosphorus & other pollutants.

Shoreline plants absorb nutrients.

WHAT WE CAN DO

FERTILIZE APPROPRIATELY

- Fertilizer containing nitrogen or phosphorus cannot be applied between June 1 –Sept 30. Use iron and other micronutrients or "summer blends".
- Never fertilize 24 hours before a rain event.
- If needed, apply fertilizer in April or October.
- You must use 50% or more slow-release nitrogen and phosphorus free fertilizers.

MANAGE GRASS CLIPPINGS

- Keep grass clippings and yard debris off sidewalks, roadways and drains.
- Leave grass clippings on yard or in compost.
- Do not mow or apply fertilizers within 15 feet of a waterbody.

REDUCE RUNOFF

- Clean up fertilizer spills and store safely.
- Do not overwater.
- Use a rain barrel.

Need to know more or learn how? Visit
www.seminolecountyfl.gov/fertilizer
 Call 407-665-5575.

Fertilizer Calculator	
Look at the fertilizer bag for the Total Nitrogen. This is on the front of the bag, the first of the three large numbers, or on the back of the bag on the label.	
Enter Total Nitrogen:	15 %
Also on the label, sometimes beneath the total nitrogen or at the bottom of the label, is the percent of slow release nitrogen.	
Enter Slow-Release Nitrogen:	10 %
Seminole County requires your fertilizers be 50% slow-release nitrogen. This fertilizer is a slow-release product. You can apply up to 1 pound of Nitrogen per 1000 sq ft.	
Slow-Release Nitrogen Percentage:	66.67 %
This is the pounds of fertilizer you need in order to apply 1 pound of Nitrogen per 1000 sq ft.	
Fertilizer per 1,000 sq ft:	6.7 lbs
Calculate length x width or try to visualize how many parking spaces or volleyball courts would fill your yard. A parking space is about 100 square feet and half a volley ball court is 1000 square feet.	
Enter sq ft of yard:	1600 sq ft
This is how many pounds of fertilizer you need for your yard. Measure out the pounds with a scale or take the portion of fertilizer you need based on how many pounds are in one bag.	
Amount of Fertilizer to apply:	11 lbs

GUARANTEED ANALYSIS

14-0-26

Nitrogen (N) 14.00%
 Soluble Potash (K₂O) 0.00%
 Sulfur (S) Total 0.00%
 Iron (Fe) Total 0.00%
 Manganese (Mn) Total 0.00%
 Water Soluble Manganese (Mn) 0.00%

DERIVED FROM: Polymer Coated Sulfur Coated Urea, Sulfate of Potash, Iron Oxide, Manganese Oxide

2.00% Slowly Available Urea Nitrogen from Polymer Coated Sulfur Coated Urea

Click Image above for additional examples.

40'

25'

WHAT GOES ON HERE...

ENDS UP IN HERE

FERTILIZE WISE

SEMINOLE COUNTY
 FLORIDA'S NATURAL CHOICE

Unique Program Components

- 319 Grant for Fertilizer Educational Outreach
- Three Interconnected Online Calculators:
 - SRN %
 - Application amount (lbs of fertilizer)
 - Reclaimed water adjustment (still in process)
- Quantifying Long Term Impact

Fertilizer Ordinance Study Area

- Wekiva Sub-basin (Sweetwater Cove)
- Pre-Fertilizer Ordinance Survey
- Targeting outreach in the community
- Follow Up Residential Surveys
- Multi-Year Detailed Nutrient Study

Our waterways start at your front yard



QUESTIONS?

