

How Much Fertilizer Is Needed?

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1. Determine annual fertility needs based on lawn type.
2. Measure the square footage of lawn area by multiplying length times width.
3. Determine how much slow release nitrogen (SRN) is in your fertilizer which determines the application rate, 1 lb N versus 0.7 lb N per 1000 sq ft.
4. Divide 100 by the % nitrogen (1st # on bag) to get pounds of fertilizer to apply per 1000 sq ft. This amount is at the 1 pound N rate. Or use the table below to find out how much fertilizer to spread per 1000 sq ft based on the % N. If the SRN is less than 30%, multiply this amount by 0.7.

% N in Bag	6	10	12	15	16
lbs	16.8	10 lbs	8.4 lbs	6.6 lbs	6.2 lbs
cups	35	19	17.5	14.5	13
		cups	cups	cups	cups

For more info, refer to website below.



The Institute of Food and Agricultural Sciences (IFAS) is an Equal Opportunity institution authorized to provide research, educational information and other services only to individuals and institutions that function with nondiscrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, marital status, national origin, political opinions, or affiliations. U.S. Department of Agriculture, Cooperative Extension Service, University of Florida, IFAS, Florida A&M University Cooperative Extension Program, and Boards of County Commissioners Cooperating.

Homeowner Florida Yards & Neighborhood Workshops

Homeowners are required to follow the guidelines of the University of Florida IFAS Florida Yards and Neighborhoods program when applying fertilizers. Classes are held at the Duval County Extension Office. Call 904.387.8850, check the IFAS Calendar at <http://calendar.ifas.ufl.edu> for class information, or call to schedule a class for your group.

Soil Testing

The Extension Office provides free pH testing. To have samples tested for Ca, K, and P, they must be sent to the University of Florida Soil Testing Lab. Boxes and forms can be picked up at the Extension Office.

University of Florida/IFAS—Extension

Duval County Extension Office

1010 N. McDuff Ave.
Jacksonville, FL 32254

Phone: 904.387.8850

Fax: 904.387.8902

Email: delvalle@coj.net homeowner agent

Email: erine@coj.net commercial agent

<http://duval.ifas.ufl.edu>

www.SolutionsForYourLife.com

To view a complete copy of the ordinance visit www.coj.net or <http://duval.ifas.ufl.edu>

Duval County Fertilizer Ordinance

Effective July 23, 2008

A Guide for

Homeowners

Protecting Duval County's

Water Supply

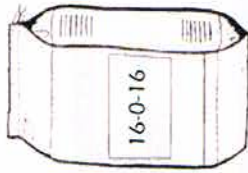


The Environment is Everyone's Responsibility!

This ordinance affects fertilizer applications to turf, specialty turf, and landscape plants made by homeowners & businesses in the green industry.

Select a Florida-Friendly Fertilizer

- Choose a fertilizer that has equal or near equal amounts of nitrogen (1st#) and potassium(3rd#). Phosphorous (2nd#) should be 2 or less.
- Use fertilizers with 30% or more slow release nitrogen (SRN). There is less potential of runoff or leaching. To calculate the % of SRN, find the amount of SRN on the label, divide that amount by the total nitrogen and multiply by 100.



Fertilizer Spreaders

A drop spreader or rotary spreader may be used to apply fertilizers. But, if a rotary spreader is used, a deflector shield is required and should be positioned so that granular fertilizers are not applied to hard surfaces or 'no treat zones'.

Fertilizer Application Rules and Rates

Do not apply fertilizer during prohibited periods:

- Flood Watch or Warning
- Tropical Storm Watch or Warning
- 3-day cone of uncertainty during a hurricane
- Heavy rain

- Fertilizer with 30% slow release nitrogen or more can be applied at no more than 1 lb N/1000 sq ft per application.
- Fertilizer with less than 30% slow release nitrogen can be applied at no more than 0.70 lbs N/1000 sq ft per application.
- After application, apply 1/4" water to prevent fertilizer loss.

Lawn Type	Total Rate Per Year
Bahia Grass	2-3 lbs N/1000 sq ft
Bermuda Grass	3-5 lbs N/1000 sq ft
Centipede Grass	1-2 lbs N/1000 sq ft
St Augustine Grass	2-4 lbs N/1000 sq ft
Zoysia Grass	3-5 lbs N/1000 sq ft

Phosphate Applications

- Phosphate applications cannot exceed 0.25 lbs P₂O₅/1000 sq ft² per application or 0.50 lbs P₂O₅/1000 sq ft² per year.
- Includes turf and landscape plants.
- A soil test must be completed by UF or an accredited lab for higher rates to be applied.
- A one-time application of starter fertilizer may be used for new turf or landscape plants, but should not exceed 1.0 lb P₂O₅/1000 sq ft.

Impervious Surfaces

- Fertilizer applied, spilled, or deposited on impervious surfaces (roads, sidewalks, etc.) should be cleaned up immediately and applied to a legal site or returned to its container.
- Do not wash, sweep, or blow fertilizer into storm drains, ditches, conveyances, or water bodies.

Fertilizer Free Zones/No Treat Zones

- 10' zone is required around water bodies, wetlands, canals, seawalls, etc. if no deflector shield is used on rotary or cyclone spreaders.
- 3' zone around water bodies, wetlands, canals, seawalls, etc. is required if a deflector shield or drop spreader is used.
- New plants in this zone may be fertilized for the first 60 days only.

Low Maintenance Zones

- Must be established one year from effective date of this ordinance, July 23, 2008.
- Minimum of a 6' low maintenance zone from any pond, stream, water course, wetland, or seawall.
- A swale/berm system is recommended.
- No mowed or cut vegetative material shall be deposited or left remaining in the Low Maintenance Zone or deposited in the water.
- Care should be taken to prevent over-spraying aquatic weed products in this area.

Grass Clippings

- Do not wash, sweep, or blow grass clippings, vegetative material or debris into storm water drains, ditches, conveyances, water bodies, wetlands, or sidewalks, or roadways.

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