

SUGGESTED MAINTENANCE FERTILIZATION FOR ESTABLISHED LAWNS IN THE PIEDMONT

LAWN GRASS TYPE	Fertilization	Monthly Application Rate (lb N/1000 sq. ft.)												Total lb. N Per 1000 sq. ft./yr.		
		J	F	M	A	M	J	J	A	S	O	N	D			
Bermudagrass	Basic					1				1						3
	High				1	1	1	1	1							6
Tall Fescue	Basic		0.5											1	0.5	2
	High		1	0.5										1	1	4
Zoysiagrass <small>Emerald & Meyer cultivars</small>	Basic							1								1
	High								1							2
Zoysiagrass <small>Other cultivars</small>	Basic									1						2
	High										1					3

Recommended by Carolina Lawns - A Guide to Maintaining Quality Turf in the Landscape by NCSU, A&T University Cooperative Extension

BENEFITS TO YOU

- 1 You will be a part of the solution that helps Durham County meet its nutrient reduction goals as required by the Jordan and Falls Lake Rules.
- 2 You will become a better steward of North Carolina's land and water resources today and in the future.
- 3 If you use less fertilizer, you may save money.
- 4 By participating in this program, you can learn more about the sources of nutrient pollution.

NEXT STEP?

Learn more by visiting our website or contacting the Durham Soil and Water Conservation District staff.

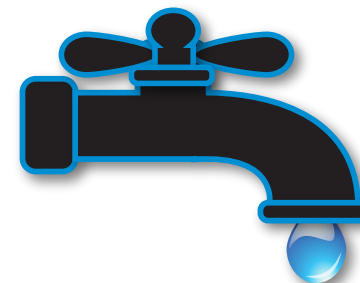


Soil & Water

721 Foster Street
Durham, NC 27701

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www.dconc.gov/swcd

VOLUNTARY NUTRIENT REDUCTION PROGRAM



HELP US PROTECT NORTH CAROLINA'S DRINKING WATER.

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What is the VOLUNTARY NUTRIENT REDUCTION PROGRAM?

Durham County's Voluntary Nutrient Reduction Program (VNRP) encourages citizens to reduce their fertilizer use by 40%. By improving fertilizer application practices, landowners are protecting their county's water resources and improving water quality in North Carolina. The Best Management Practices (BMPs) recommended by the VNRP include the following:



Test your soil.

Collect and send a soil sample to the North Carolina Department of Agriculture & Consumer Services Agronomic Division. This soil sample information is an

important first step in determining what type and how much fertilizer should be used. This soil test is a free service. You can obtain the sample boxes and forms from the Durham County Agriculture Building located at 721 Foster St. in Durham.

Do not apply fertilizer right before a runoff-producing heavy rain or when the ground is frozen. This helps prevent fertilizer from being washed into storm drains, ending up in our streams and lakes.



Sweep up spilled fertilizer from driveways, sidewalks and curbs.

This will help prevent fertilizer spilled on impervious areas from being washed into storm drains and streams.



It is best for the environment and your lawn to make more frequent low-rate applications and to use slow release or controlled release fertilizers.

Apply fertilizer at the "basic" rate of nitrogen per year according to the chart on the back of this brochure.

Do not apply fertilizer within 20 feet of any body of water.

Streams, ponds and bodies of water need a minimum of a 20 ft. vegetated buffer area to help reduce the excess runoff of nutrients from the fertilized and managed areas.



FERTILIZER FORMULA

To determine the correct amount of fertilizer to use, following the procedure described below.

- To apply 1 lb. of Nitrogen per 1000 sq. ft., divide the 1st number on the fertilizer bag into 100. For example, a 16-4-8 fertilizer should be applied at a rate of 6.25 lbs. per 1000 sq. ft. ($100 / 16 = 6.25$).
- To apply 1/2 lb. of Nitrogen per 1000 sq. ft., divide the 1st number on the fertilizer bag into 50.

SUMMARY OF RULES

CATEGORY	JORDAN LAKE	FALLS LAKE
Reductions required	35% Nitrogen 5% Phosphorus	Stage I 20% N 40% P Stage II 40% N 77% P
Rules effective	August 11, 2009	January 15, 2011
Baseline data	1997 - 2001	2006
Nutrient management	Applicators must be certified by August, 2012 (or) nutrient management plans for parcels of > 5 acres	No applicator certification required (or) no nutrient management plans required (Neuse rules) > 50 acres
Registration	Not required	Required for agriculture operations including those related to crops, horticulture, livestock and poultry or engaging in research activities in support of commercial production.