

Turf Nutrient Management - Fact Sheet on Technical Standard # 1100

Available on DNR's website at: <http://dnr.wi.gov/runoff/stormwater/techstds.htm>

Additional information available at: <http://www.turf.wisc.edu>

DNR Requirement – By March 10, 2008

- Applies where nutrients are applied on 5 or more acres,
- Must fertilize according to a nutrient management plan,
- With the goal of achieving optimal health of the lawn or garden vegetation.

The **performance standard (NR 151)** is the outcome or expectation. The **technical standard (#1100)** describes the minimum criteria for planning, design, operation and maintenance requirements for meeting the performance standard.



What is in Technical Standard #1100 – Interim Turf Nutrient Management?

Criteria:

- **Soil Testing** – Needed when applying phosphorus. Provides sample collection information and soil testing lab requirements.
- **Turf Establishment and Turf Maintenance** – Identifies the amount of P that can be applied based on soil test results. Identifies the amount of N that can be applied in a growing season and sets an application limit of usually no more than 1 lb/1000 ft² per application. Rates vary on low and high traffic areas and establishment vs. maintenance periods.
- **Minimize Impact to Groundwater** – Sets limitations on N application under wet or frozen soil conditions, on highly permeable soils and near bedrock.
- **Minimize Impact to Surface Water** – Sets limitations on P application on wet soils and areas near wetlands, streams or lakes.
- **What needs to be in the plan?** – Includes a narrative, site map, application restrictions, soil sample locations and results, recommended application rates, turf species, soil types and fertilizer spill response plan.
- **Who can write a plan?** - Planners should be certified sports turf managers, golf course superintendents or someone with a bachelor degree in turf and grounds management or equivalent training or experience.

If you have questions, please contact:

Mary Anne Lowndes – DNR
608-261-6420
maryanne.lowndes@wisconsin.gov

Doug Soldat – UW Extension
608-263-3631
djsoldat@wisc.edu