Samples Analyzed By:
UW Soil & Plant Analysis Lab
8452 Mineral Point Road
Verona, WI 53593
(608) 262-4364

SOIL TEST REPORT
LAWN & GARDEN

COOPERATIVE EXTENSION
University of Wisconsin-Extension
University of Wisconsin-Madison
Department of Soil Science

Lab Number: 54321 **Date received:** 8/1/2007 **Account:** 555800 **Client:** Bucky Badger

County: Dane **Date processed:** 8/10/2007

Send to:

Bucky Badger

Area Type
Lawn/Established

Area Designation
Lawn

RECOMMENDATIONS

Lime to Apply

No soil pH adjustment is recommended.

Fertilizer to Apply

Based on the results of your soil analysis, we recommend the following fertilizer program.

Using the following grid, apply the recommended fertilizers using the spreader setting shown on the fertilizer bag.

Type of turf fertilizer	May 1-15	July 1-15	September 1-15	October 15-30
General high N	A	B	C*	D
Starter high P				
Winterizer high K				D

Follow rates/spreader settings on the fertilizer bag.

A-D: Apply 1 lb actual N/1,000 ft^2

D: Apply winterizer grade to build K levels for one year then revert to general fertilizer

*** Skip the September applicaton if you mulch mow.**

Cultural and Management Tips

Use only fertilizers manufactured specifically for application on turfgrass.

Sweep up any fertilizer accidentally applied to paved surfaces.

Unless there is rain the day of the application, water the turf for at least 30 minutes after applying fertilizer.

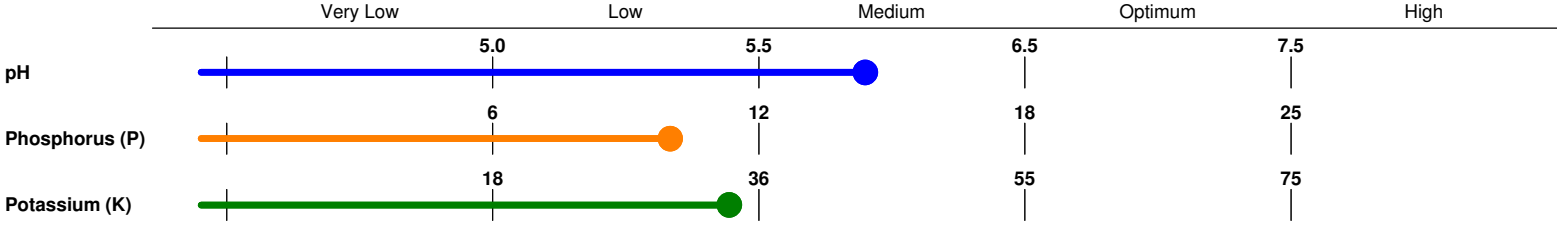
Re-test soil every 2 to 3 years.

References and Resources

For additional information on lawn fertilization please see http://uwlab.soils.wisc.edu/turf.htm

For further explanation please contact the laboratory.

LABORATORY ANALYSIS INTERPRETATIONS



LABORATORY ANALYSIS

Sample	pH	Phosphorus [P] (ppm)	Potassium [K] (ppm)	Organic Matter %
1	5.9	10	34	1.9

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Lab Number: 54321 **Date received:** 8/1/2007 **Account:** 555800 **Client:** Bucky Badger

County: Dane **Date processed:** 8/10/2007

Send to:

Bucky Badger

Area Type
Garden/Vegetable

Area Designation
Garden

RECOMMENDATIONS

Lime to Apply

No soil pH adjustment is recommended.

Fertilizer to Apply

The following summary specifies the actual amount of nutrients needed based on the results of your soil analysis. Most plants require at least an annual nitrogen application, but recommended phosphate should be split over two years and potash should be split over three years and soils retested in 2-3 years to determine if more is needed.

Actual Nutrient Need (lbs/100 ft^2)

Nitrogen (N)	Phosphate (P_2O_5)	Potash (K_2O)
0.30	1.0	1.5

These nutrients can be applied using many different products including commonly available turf fertilizer materials. The following suggestions are provided for your reference. Avoid 'weed and feed' or crabgrass inhibitor fertilizer types.

Nitrogen: Needed nitrogen will be supplied with the phosphate and/or potash recommendations below.

Phosphate: Apply 2.5 lbs of starter turf fertilizer per 100 sq-ft annually for 2 years to meet plant phosphate needs.

Potash: Apply 2.5 lbs of winterizer turf fertilizer per 100 sq-ft annually for 3 years to meet plant potash needs.

Use of starter and winterizer turf fertilizers will increase available phosphorus and potassium to levels optimum for plant growth and supply some needed nitrogen. Recommended starter turf fertilizer should be applied in the spring and winterizer turf fertilizer should be applied in the fall. For a description of fertilizer grades please see http://uwlab.soils.wisc.edu/pubs/grades.pdf

Cultural and Management Tips

Soil tests indicate that phosphate and potash fertilizers are needed. Broadcast and incorporate recommended materials into the upper 6-8 inches prior to planting or topdress to previously established areas and water in thoroughly.

Leafy vegetables, sweet corn, tomatoes, and vine crops may require additional nitrogen at flowering. Place about 1 oz (2 Tbl) urea or 4 Tbl of a high nitrogen turf fertilizer in a band at least 3 inches from the plant. Use 1.5 lbs (3 cups) urea or 3 lbs (6 cups high nitrogen turf fertilizer) for every 100 ft or row.

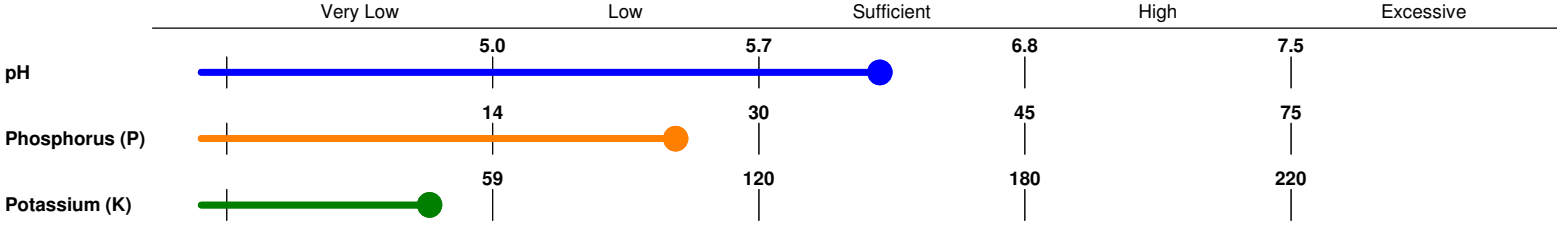
If growing a scab susceptible variety of potato a lower pH is desired. For additional information contact your County Extension Office.

References and Resources

For additional information on garden fertilization please see http://uwlab.soils.wisc.edu/gardens.htm

For further explanation please contact your County Extension Office.

LABORATORY ANALYSIS INTERPRETATIONS



LABORATORY ANALYSIS

Sample	pH	Phosphorus [P] (ppm)	Potassium [K] (ppm)	Organic Matter %
2	6.2	25	45	3.1