



### Grow Healthier Plants

A soil test shows exactly how much lime and fertilizer your plants need.



### Protect Our Environment

Avoid excessive fertilizer use, and guard against nutrient loss in runoff or movement into ground water.



### Avoid Frustration

Science-based, reliable analysis and unbiased recommendations let you escape hit-or miss gardening and lawn care.



### Save Money

Buy only the fertilizer you need after getting a quality soil test. Over application of fertilizers wastes money, ruins plants and pollutes water.



### Achieve Optimal Growth

Soil testing determines what your plants need for optimum health and growth.

University of Missouri Extension serves Missouri by extending the research-based knowledge and problem-solving resources of the University of Missouri to focus on high-priority needs of people throughout the state.

### Camden County Extension

44 Roofener Street

P O Box 1405

Camdenton, MO 65020

**Office Hours:** 8 am to Noon

And 1 pm to 4:30 pm

Monday thru Friday

**Phone:** 573-346-2644

**Fax:** 573-346-2694

**Email:** [camdenco@missouri.edu](mailto:camdenco@missouri.edu)

<http://www.extension.missouri.edu/camden>

### Driving Directions:

We are located three blocks from the stoplight at the Camdenton square on West US Highway 54 and then left on Ha Ha Tonka Road.

# UNIVERSITY OF MISSOURI Extension

**DON'T GUESS.....  
SOIL TEST!**



***Do you want .....***

*a greener lawn,  
a healthier garden, or  
more beautiful flowers?*

***A soil test from  
University of Missouri  
Extension can help***

# Did you know?

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You can have your soil tested by the University of Missouri Extension Soil Testing Lab? We can do soil testing for gardens, lawns, fields and commercial operations.

## Soil testing tells you:

What nutrients are available in your soil and provides recommendations to correct existing problems

## A basic soil test provides:

- \* PH level (acidity or alkalinity)
- \* Phosphorus level
- \* Potassium level
- \* Calcium level
- \* Magnesium level
- \* Organic matter percent
- \* Recommendations for corrective treatment

## Publications:

- \* G6954, Soil Testing for Lawns
- \* G9217, Soil Sampling Hayfield and Row Crops
- \* G9215, Soil Sampling Pastures
- \* G9112, Interpreting Missouri Soil Test Reports

## Three Easy Steps:

1. Use a soil probe, spade or trowel to take a slice of soil 1/2 to 1 inch thick from a hole three to six inches deep. Place this sample in a clean plastic bowl or box. Dry or damp soil is okay, but soggy soil should be allowed to dry.
2. Collect additional samples at four to five randomly selected spots in your lawn, garden or field. Mix the samples thoroughly, breaking any clumps. Try not to include roots, thatch, rocks or gravel in the sample. Label the sample container so that you can record and trace samples by location or field.
3. Seal two cups of the mixture in a plastic bag, plastic bowl or box. Bring your sample to the Camden County Extension Office.
4. Extension staff will provide a soil sample box and complete the Soil Sample Information Form for you.

## Getting Results:

The soil testing lab at the University of Missouri will test samples.

The results will be forwarded to the Camden County Extension Office. Results will include an Agronomy Specialists individual recommendations.

Results will be sent directly to you by mail within seven to fourteen business days after submitting the sample.

## What you get....

A Missouri University soil test promises exceptional test quality with more details and information than in other tests.

Each soil test done with the Extension office comes with recommendations made by a trained and experienced specialist.

If you have questions about the results, Extension specialists can answer questions about the soil test results free of charge.

Trained Master Gardeners at the Extension can also provide informational assistance for lawn and gardening questions year-round free of charge.

