

Plant & Insect Diagnostics at your Fingertips!

Generations of home gardeners and farmers have relied on Cornell Fact sheets to provide the most up to-date recommendations for help with their horticultural and domestic needs. Utilizing the latest information gathered from research at Cornell, we are able to promote the 'Integrated Pest Management philosophy (IPM)'. IPM promotes using the correct method/product at the correct time on the correct pest. This method not only saves the consumer time and money it also saves the environment from unnecessary contamination.

Cornell Cooperative Extension of Oneida County is pleased to offer these Factsheets and other Cornell Publications on our website.

www.cce.cornell.edu/oneida/

Our Home & Garden factsheets are arranged in convenient categories for quick reference:

- Animals & Birds
- Annual & Perennial Flowers
- Composting/Soil
- Fruit
- Fungus & Moss
- Houseplants
- Insects
- Landscapes
- Trees & Shrubs
- Turf
- Vegetables
- Weeds

Some of our factsheets may fall among several categories. In this instance try the "Search" tool located on the main page.

Directions



FROM NYS THRUWAY: Take exit 32 (Westmoreland), as you come off thruway, make a left onto Cider Street; go approximately 4-5 miles until you come to a "Stop" sign...this is Judd Road. Turn left onto Judd Road. We are the first building on your left. The sign will read "Oneida County Farm & Home Center".

FROM ROME: From route 233 (Rome-Westmoreland Road) turn left onto Sutliff Road, go past the Sheriff's Department, come to the stop light...continue through; we are the second building on right, past the stop light. The first building is the DPW; look for the sign that reads "Oneida County Farm & Home Center". Turn onto Second Street and into the parking lot.

FROM ROUTE 69—ROME: Turn right onto Airport Road...continue approximately 1 mile until you come to the traffic light. Turn left onto Judd Road. We are the second building on the right. The sign will read "Oneida County Farm & Home Center".

FROM NEW YORK MILLS: From Middle Settlement Road (apple orchards, BOCES) turn left onto Clark Mills Road; right onto Halsey, and right onto Judd Road. Continue up Judd Road until you see a sign that reads "Oneida County Farm & Home Center". Turn onto Second Street and into the parking lot.

FROM UTICA: Get on Oriskany Blvd. and continue onto route 69 through Whitesboro; continue past Oriskany and turn left onto Airport Road. Go up Airport Road approximately 1 mile. Turn left at the stoplight. Our building is the second on the left. The sign will read "Oneida County Farm & Home Center".

Cornell Cooperative Extension of Oneida County

121 Second Street
Oriskany, New York 13424-3924
Tel: (315)736-3394 or (315)337-2531

Consumer Diagnostic Lab

- **pH soil test diagnostic service**
- **Consumer soil nutrient analysis**
- **On-Line Plant Identification**
- **On-Line Insect Identification**



Soil Testing for Home Gardeners

Two types of tests available:

- In-office pH test—\$2 per sample
- Complete soil analysis—\$15.00 (sent to the Cornell Nutrient Analysis Lab)

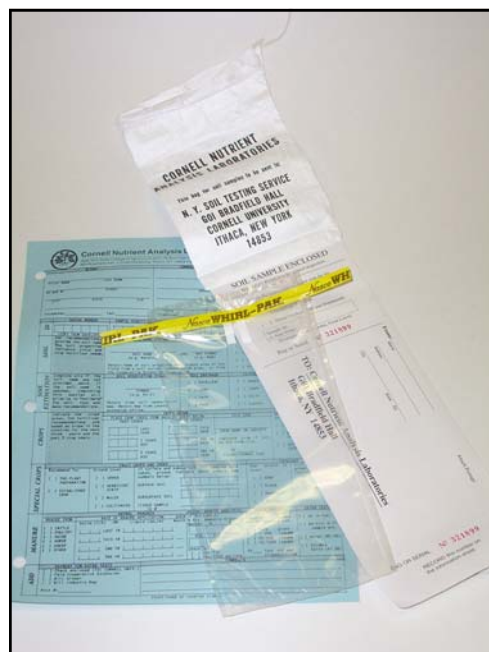
What's the Difference:

The in-office pH test only takes a few minutes per sample, and gives an accurate estimate of soil pH only. This test provides useful results if you just want to determine what plants are best suited to a certain area (depending on their pH requirements...for example: blueberries & rhododendrons are acid-loving). We can give you recommendations to amend the soil as necessary, based on the results.

If you are trying to determine if you need to fertilize your garden or apply other amendments containing nutrients, a complete soil analysis is the better choice. For \$15, we will send the soil sample to Cornell Nutrient Analysis Lab for analysis, and you should receive results in the mail within 2-3 weeks. The results will include pH, organic matter level, nutrient levels including macro & micro nutrients: phosphorus, potassium, calcium, magnesium, iron, zinc, aluminum & manganese. The results will also include recommendations based on the type of crop or plants you are growing.



Please call us in advance if you require a complete soil analysis test. That way we can ensure that an agriculture agent will be available to assist you.



How To Take A Sample



For pH tests, or complete soil analysis obtain a representative soil sample. A representative soil sample is a core of soil taken from the location that is approximately 1"x1" by 6" deep for lawns, or 8" deep for all other situations. You should obtain a minimum of 6 of these samples within a garden or lawn and mix them together for the sample which represents that whole area.

If a soil probe or auger is not available, use a garden spade or shovel.

You will need a minimum of 1 pint of soil for a complete analysis.

