

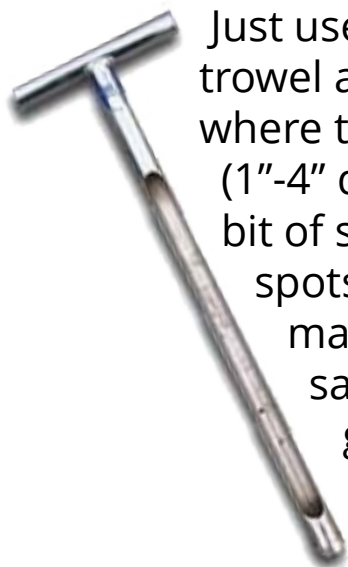


SOIL TEST GUIDE

A great first step for planting a lawn, landscape or even a vegetable garden would be a soil test. The results of your soil test will help determine what products and approach is best for you and your landscape.

STEP 1:

First, divide the property into sections like front, back, left side, right side. This is important, because you are allowed 4 samples with each test. Then, plan to mix some soil from each section into a small container or bag. You may not have access to a plug puller like we have depicted, but not to worry!



Just use a small garden trowel and gather soil from where the grass roots are (1"-4" down). Take a little bit of soil from different spots in each section to make a composite sample, rather than getting all the soil from one spot.

STEP 2:

Clearly mark your samples with your name, address, phone number, and email. Most importantly, indicate your desired crop. We suggest this: "CROP: LAWN" (or vegetables, flowers). This way, the recommendations will come back specific to your desired outcome.

In New Haven County, mail your samples to:

*The CT Agricultural Experiment Station
Slate Laboratory
Soil Testing
P.O. Box 1106
New Haven, CT 06504*



Or, you can drop your sample off:

*The CT Agricultural Experiment Station
123 Huntington Street
New Haven, CT 06511*

STEP 3:

The soil test results will arrive by mail or email shortly after your submission. The results will show your soil pH (acidity) and other helpful factors like soil texture, organic matter, and Nutrient levels. The main ones are the three numbers on a fertilizer bag - Nitrogen, Phosphorous and Potassium (NPK).

Take a look at our example to the right of exactly what you can expect from the report. The lab even takes the guesswork out of the job with a great explanation of the what and why.

STEP 4:

Bring your results to Soundview for specific product and quantity recommendations.

www.caes.state.ct.us
THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION
 FERTILITY OF YOUR SOIL MEASURED BY THE MORGAN METHOD. A PRODUCT OF RESEARCH AT THIS STATION

Ivy League Landscaping, LLC
 50 Industry Dr.
 West Haven, CT 06516

THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION
 123 HUNTINGTON ST.
 P.O. BOX 1100
 NEW HAVEN, CT 06504-1100
 TELEPHONE (203) 974-8512 CAES-66/N Rev. 4/01

DATE	09/04/2012	PAGE 1 of: 1	TEST RESULTS - see back of report for explanation	
LABORATORY NUMBER:	5387		5388	
YOUR SAMPLE	front yard		back yard	
CROP TO BE GROWN	lawn		lawn	
SOIL TEXTURE	Sandy Loam		Sandy Loam	
ORGANIC MATTER	Medium High		Medium High	
pH	4.7		4.8	
NITRATE NITROGEN	Medium High (12 ppm)		Medium High (12 ppm)	
AMMONIUM NITROGEN	Medium (35 ppm)		Medium (35 ppm)	
PHOSPHORUS	Medium (25 ppm)		Medium (25 ppm)	
POTASSIUM	Medium (120 ppm)		High (250 ppm)	
CALCIUM	Medium (900 ppm)		Medium (900 ppm)	
MAGNESIUM	Medium High (60 ppm)		Medium High (50 ppm)	

SUGGESTED TREATMENTS IN POUNDS PER 1000 SQUARE FEET

pH ADJUSTMENT	Limestone 150 lbs.*	Limestone 125 lbs.*		
FERTILIZER GRADE	25-0-10*, Sept. 25-0-10*, April	25-0-10*, Sept. 25-0-10*, April		
FERTILIZER AMOUNT	4 lbs, Sept. 4 lbs, April	4 lbs, Sept. 4 lbs, April		

Remarks:
 ppm (parts per million) values are approximate.
 Other lawn fertilizers may be substituted. Choose a similar grade with at least 1/3 slow release nitrogen.
 *On established grass apply no more than 75 lbs. of limestone, per 1000 sq. ft., every six months.
 *On established grass apply limestone and fertilizer at least two weeks apart.

