

# Collecting a soil sample



## Nutrite Soil Testing

It cannot be denied that proper fertilization produces strong turfgrass growth. Healthy and well fed turf is more resistant to various stresses such as disease, insect pests, weeds, wear and climatic extremes (heat, cold, drought). The only way to be sure you are using optimum levels of the right nutrients is through regular testing.

Soil test results will identify and explain scientifically issues in the soil and allow your Nutrite specialist to recommend remedial action or offer you, in the long term, a nutritional program best suited to your needs. This program will not only maximize your fertilizer budget, but also improve your turf quality in an environmentally responsible manner.

A Nutrite Soil Test determines available and desirable soil nutrient levels, soil pH and buffer pH values, organic matter percentage, cation exchange capacity and base saturation percentages. All of these precise indicators guide your Nutrite expert to help you prepare a "Build-Up Program" to correct soil imbalances of such nutrients as calcium, magnesium, potash, phosphorus as well as micronutrients. Once your "Build-Up Program" has created the desirable soil fertility level, a Nutrite "Maintenance Program" will help keep your turf growing with optimum fertilizer efficiency.

# General instructions to take a soil sample

All soil samples should be taken prior to fertilization and pH amendment. Repeat steps 1 through 5 for each area being tested.

## Step 1



Using a soil probe, take 10-15 random samples over the area to be tested. Insert probe to a depth of 2 inches (5cm).

## Step 2



Remove plug and set aside.

## Step 3



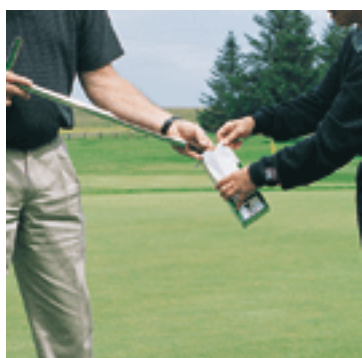
Insert probe at a 45° angle to a vertical depth of 4 inches (10cm) and remove soil sample. Always sample to the same depth in subsequent tests for ideal comparisons.

## Step 4



Replace turf plug.

## Step 5



Put all soil cores in a plastic pail or suitable container, break up soil lumps and mix thoroughly. Caution: very wet soil should be air dried before mixing. Place one cup of thoroughly mixed soil in the Nutrite sample bag provided.

## Step 6



Each sample bag should be properly identified and all Test Request Forms should be correctly completed and accompany the samples to the laboratory address provided on the Test Request Form.