SOIL SAMPLE QUESTIONNAIRE FOR GREENHOUSE CROPS  
(Soilless Media/Saturated Media Extract Analysis)

Fill out this sheet and mail with soil sample to: Soil Nutrient Analysis Laboratory, University of Connecticut, 6 Sherman Place, Unit 5102, Storrs, CT 06269-5102. The cost is $10 per sample. Enclose a check made payable to the University of Connecticut. Contact us with any questions at (860) 486-4274.

Name___________________________________________ Date____________________
Address___________________________________________________________________________________________
City________________________ State______ Zip_________
Phone________________ Fax/Email: ____________________________________________

Check if you want results □ faxed □ emailed

Sample name or number: ________________

IMPORTANT!
1. FOLLOW THE SOIL SAMPLING INSTRUCTIONS ON REVERSE SIDE.

2. DO YOU WISH TO RECEIVE FERTILIZER RECOMMENDATIONS?  o YES  o NO
If not, no other information is required.

If you require limestone and fertilizer recommendations, please fill in the following section as completely as possible.

Crop(s): ___________________________ Date Planted (to be planted): ______________

Is growth satisfactory?  o Yes  o No  If not, describe growth below:
COLOR OF: Upper Leaves: __________ Lower leaves: __________ Roots: __________
ROOTS (check one): Numerous, well-branched_________ Few_________ None_________
DESCRIBE OTHER SYMPTOMS: ______________________________________________________________________

What is the composition of the growing media?
(e.g. parts peat, soil, perlite, etc. by volume): ________________________________
If a commercial medium, NAME: ____________________________________________

List the amount of any lime, fertilizer or other material you have added to the soil before planting:
________________________________________________________________________

Method and frequency of irrigation:
________________________________________________________________________
________________________________________________________________________

DO NOT WRITE IN THIS SPACE, FOR SOIL TESTING LABORATORY USE ONLY.

pH  Conductivity  Ca  P  K  Mg  NH4-N  NO3-N
Cu  Zn  Fe  Mn  Mo  B
Lab. No.__________
Describe your fertilizer program (e.g. formulation, frequency, rate and method of application).

DRY FERTILIZERS: _________________________________________________________________
LIQUID FERTILIZERS: _____________________________________________________________
Additional Comments: __________________________________________________________________

SOIL SAMPLING INSTRUCTIONS

When collecting samples for the SME analysis, it is important not only to collect a representative sample but also to provide the laboratory with an adequate sample size.

Please note: Unless a representative soil sample is taken, the analysis and interpretation are of no value.

Follow these simple directions:

1) WHEN TO SAMPLE DEPENDS ON YOUR FERTILIZER REGIME:
   For constant liquid feed or regular periodic liquid feeds (i.e. once a week) take samples about 4 hours after fertilizing or at least the same day.
   For crops with slow release fertilizer that receive infrequent fertilizer supplements, sample 4 hours after watering.
   Always be consistent in sampling protocol if reports are to be compared.

2) SPECIAL PROCEDURES FOR COLLECTING SAMPLES:
   - Bench Crops: Take a full core of potting medium from top to bottom of bench from 10 locations. Mix in clean container.
   - Potted Plants: Take slices from side of root ball from 10 or more pots. Mix in clean container.
   - Potting or Transplanting Mixes or Compost Pile: Take small portions from 10 or more locations in pile. Mix in clean container.
   Never sample from just the top 1/3rd of pot, results will overestimate fertility.

3) Remove slow release prills as best as possible.

4) Transfer 1 1/2 to 2 cups of the potting mixture from the clean container to a zipper-lock bag, and label the outside of the bag with a sample name or number.

5) Samples may be brought or mailed to the Soil Nutrient Analysis Laboratory along with a filled out greenhouse questionnaire and payment. Contact the lab if you are interested in purchasing prepaid soil collection kits.

6) Click here for our saturated media extra discount policy for 10 or more samples submitted at one time.

7) A copy of the results of the analysis will be sent to you. Results can also be faxed upon request.

IF YOU WOULD LIKE TO RECEIVE FERTILIZER RECOMMENDATIONS MADE BY DR. RICHARD MCAVOY, EXTENSION SPECIALIST – GREENHOUSE CROPS, BE SURE TO CHECK OFF THE APPROPRIATE BOX ON THE QUESTIONNAIRE. RECOMMENDATIONS WILL BE INCLUDED ONLY IF A RECOMMENDATION IS REQUESTED.