

**SAMPLE ID** 

Office Use Only

Due PO#

Date

Standard

Main contact:

**Business Name:** 

Street Address:

City, State, Zip:

**Email Address:** 

LAB#

Received

Check #

Cash

Name:

Phone:

### **UMass Soil & Plant Nutrient Testing Lab**

**Method of receiving Results:** 

Email

Send copies to:

pH and EC only

Please make check payable to the University of Massachusetts or "UMass"

**US Mail** (please include \$2 per

order for postage & handling)

Optional Testing .

203 Paige Laboratory 161 Holdsworth Way Amherst, MA 01003 (413) 545-2311 soiltest@umass.edu

soiltest@umass.edu http://soiltest.umass.edu

\*For irrigation water or nutrient solutions used in hydroponics, deduct \$5.00 from total fee.

# USE THIS FORM FOR GREENHOUSE MEDIA; SATURATED MEDIA EXTRACT. (See page 2 for Sampling Instructions and Description of Services.)

Send Copy to:

**Business Name:** 

Street Address:

City, State, Zip:

**Email Address:** 

Name:

Phone:

**Optional Testing** 

(Leave blank) (You cr	eate this) (\$30)	Organic	Matter % (\$6) Add Sulfur and Sodium (\$5)	(\$1	.5) Organic Matter % (\$6)
	<b> </b>			l .	Order Total \$
<b>Sample Information</b>					
Mix Characteristics:			Fertilizer Use:	Crop and Sample Information:	
Media type: Soilless Soil Blend Water* What is the approximate percentage by volume of field soil?			Fertilizer values (i.e. N-P <sub>2</sub> O <sub>5</sub> -K <sub>2</sub> O analysis).	Crop:	
Who prepared mixture? Grower Commercial If Grower prepared mixture, list materials (% by			Rate of application: ppm lbs./gal	Age or stage of development:	
volume)		<u> </u>	Frequency of application:	Ye	
If Commercial, what is	the brand name?	<u>.</u>	ls slow release fertilizer in use (e.g. Osmocote)? Yes No	For <b>problem di</b>	iagnosis, describe symptoms

# **Greenhouse Media Sampling Instructions**

It is very important that you take the necessary steps to obtain a representative sample.

#### Procedure:

- 1. Sampling:
  - a) Potting or transplanting media pile: Collect samples from at least 10 locations in the pile, combine and thoroughly mix.
  - b) Potted plants: Collect media samples from root depth of at least 10 pots. Combine and thoroughly mix.
  - c) Ground beds or bench crops: Collect cores from top to bottom of media from at least 10 locations, combine and thoroughly mix.
- 2. Place about 2 cups of your well mixed media sample in a heavy zip-lock bag labeled with your Sample ID and completed submission form. Samples should be submitted "as is" and do not requiring drying.

Hand deliver or mail the sample, submission form, and a check or money order **payable to UMass** to the address listed at the front of this form. Samples should be delivered to the lab a quickly as possible to prevent spoilage.

### **Greenhouse Media Test Descriptions & Fees**

Standard Media Test: \$30.00

Includes pH of water saturated media, electrical conductivity, and nutrient content (nitrate-N, ammonium-N, phosphorus, potassium, calcium, magnesium, manganese, zinc, copper, iron, and boron) of saturated media extract.

# **Optional Testing**

Organic Matter Percentage: \$6.00

Measurement of soil organic matter by loss on ignition at 360 degrees C

Additional Elements: \$5.00

Extractable sulfur (S) and sodium (Na) of water saturated media (may be added on to Standard Media Test only)

### Media pH and Soluble Salts Only: \$15.00

Provides pH and electrical conductivity of the water saturated media

**Optional Testing** 

Organic Matter Percentage: \$6.00

Measurement of soil organic matter by loss on ignition at 360 degrees C

Note: For irrigation water or nutrient solutions used in hydroponics, deduct \$5.00 from total fee.