



## PLANT TISSUE SAMPLE INSTRUCTIONS

### SAMPLING

1. Sample every 2 to 4 weeks from the same cultivar or variety. **Always** run media analysis in conjunction with tissue analysis.
2. Handle samples carefully to prevent damage to tissue.
3. Routine tissue tests – As a general rule, select only the most recently matured leaves (exclude stems, roots, and flowers).
4. Diagnostic test – For problem situations comparative sampling of affected and unaffected leaves (same age) can be very valuable. Comparative media samples from the same plants should also be taken. Call for assistance at 1-866-522-5752.
5. **Send at least 1 ounce fresh weight of clean, dry tissue per sample (a large handful of leaves is approximately 1 ounce).** Foliar sprays and media particles should be washed from leaves before taking the sample. After shipping, samples cannot be washed and contaminated tissue cannot be analyzed.
6. **Use a J. R. Peters Laboratory brown paper sample bag or a similar clean paper wrapper. DO NOT USE PLASTIC.** Do not pack leaf tissue tightly in shipping container. Tissue samples may decompose and become moldy if sent in a sealed plastic bag. Such samples are unsuitable for analysis. If tissue samples are received in poor condition the lab will request a new sample. **Prevent delays – use paper bags.**
7. Be sure to identify each sample container with a unique I.D. code and complete a sample questionnaire (see below).
8. Do not send live plants (unless specifically instructed by our technical staff). Single plants may not be representative of the entire crop. Sending live plants may result in sample processing delays. In addition, sampling fees will be charged if you require the lab to take samples from live potted plants.

### GENERAL

1. This kit contains materials for submitting two samples. The cost for each individual sample is \$40.00 in U.S. Funds. If you mail two samples the amount of your payment would be \$80.00. **Please enclose, with the samples, a check made payable to J.R. Peters, Inc.**
2. **It is important that each sample container be clearly marked with a unique Identification Number or Code assigned by YOU.** This will allow faster identification and processing of samples. Please limit each code to a maximum of 20 characters. Sample I.D. code can consist of all numeric characters, all alpha characters, or a combination of both. Examples:

#365-02	#1-Sept.02	GHS#2 IMP. SAMPLE 3	MUM LEAVES 001
HOUSE 3 GERANIUMS	GER 047A	GOOD POINTS	BAD POINTS
3. **All sample information, including your sample I.D. code, should be provided on the enclosed sample questionnaire. A separate questionnaire should be completed for each sample. Please answer all questions.** These questionnaires were designed to aid us in the analysis and evaluation of your growing practices. This information will be stored in our computer system to help us when providing you with technical assistance. Lack of this information will reduce our ability to serve you.
4. We have gone green! You will receive your sample results via email, be sure to include your email address on the questionnaire. This information will also enable the lab to email you a notification that your samples have been received. If you do not have email, your results will be mailed or faxed (please provide fax number).
5. After completing the questionnaire, place it, along with your sample and check, in the envelope provided and mail to J. R. Peters Laboratory, 6656 Grant Way, Allentown, PA 18106. To save on shipping costs feel free to send several envelopes together in a box and send to the same address noted above.
6. Use a reputable carrier for shipping samples to the lab. We recommend UPS or express carriers to minimize delays and damage to samples. If RUSH sample processing is needed it is important to contact the lab in advance of sample shipment.
7. If you have any questions call toll free 1-866-522-5752, or 610-395-7104, or email [jrplab@jrpeters.com](mailto:jrplab@jrpeters.com).