



THE SCIENCE BEHIND BETTER PLANT PERFORMANCE

## WATER/FERTILIZER SAMPLE INSTRUCTIONS

### SAMPLING

1. Test all new water sources and retest irrigation supplies twice per year.
2. A nutrient solution analysis is helpful in checking injector efficiency. Before sampling, agitate the stock solution to ensure proper mixing.
3. Whether sampling a water or nutrient solution, flush out lines or hoses for several minutes with fresh solution before taking sample. To help minimize the effect of injector surges, collect solution to be tested in a large clean container such as a clean bucket. Using a J. R. Peters Laboratory sample bottle or other clean, unbreakable, leak-proof container: submerge sample bottle in the bucket to fill, cap the bottle while submerged. This method will help eliminate air bubbles. Even a half of an inch of air space can affect sample results, so make certain there is no air space in the container. Close the lid tightly and send to the lab as soon as possible.
4. Send at least 8 fl oz (1 cup) of solution.
5. Mark your sample I.D. code on the bottle using the label provided.
6. Complete the sample questionnaire including your sample I.D. code. Place questionnaire(s), sample(s), and payment in envelope provided and mail to J. R. Peters Laboratory, 6656 Grant Way, Allentown, PA 18106.

### GENERAL

1. This kit contains materials for submitting two samples. The cost for each water sample is \$40.00 in U.S. Funds. Fertilizer solution samples are \$44.00 each. **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:

EAST POND	HOUSE1H2O	20-10-20	TANK #1 WITH ACID
200ppm FERT	#2- Sept.02	LAKE WATER	WELL #3 ON 9/02
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. The same questionnaire is valid for both water and fertilizer samples. 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! 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 an email address, your results will be mailed or faxed (please provide a 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 1-866-522-5752, or 610-395-7104, or email [jrplab@jrpeters.com](mailto:jrplab@jrpeters.com).