



ANALYTICAL LABORATORIES

Mail to: 45-47 / 174 Bridge Rd, Keysborough
Victoria, 3173, Australia

For samples from Outside Australia:

Standard Plant Tissue Analysis

Prices: <http://www.swep.com.au/pages/price/soil.html>
or phone: +61 3 9701 6007

Ensure the proper Quarantine details are clearly marked on the outside of the package (see page 2).

Client Information:

Name: _____ Contact Phone: _____
Postal address: _____ Fax results: Y / N _____

Postcode: _____
Email results: Y / N _____

Sample information:

(Please complete or circle choice)

Sample Name:	1:	2:
Growth stage *		
Symptoms <i>(if any)</i>		
Foliar sprays	Date & details	Date & details
<i>Fungicide</i>		
<i>Insecticide</i>		
<i>Other</i>		
<i>Trace elements:</i>		

Agent ID:

Special instructions:

Quarantine Sample

Testing Requirements:

NB. Plant Part refers to the material that makes up the sample (eg, Petiole, Leaf, Whole Plant, etc.)

Sample Name:	Plant type	Plant part	Area (Ha)	Amount
1:				\$
Options:				\$
2:				\$
Options:				\$
			Total:	\$

NB. Please enclose your payment as either: **Credit Card details** (below) or copy of receipt from online payment.

Credit Card Payment:

Full Name *(as shown on card)* _____

Cardholder's Signature _____

Please debit my **VISA / MASTERCARD**

□ □ □ □ - □ □ □ □ - □ □ □ □ - □ □ □ □

Expires: □ □ / □ □

Directions on sending in plant samples

- **Collect your sample/s according to instructions below** and then place the sample in a plain brown paper bag.
- **Complete all details on plant information sheet** with as much information you can and enclose the completed form with your plant sample.
- **Include payment with your samples** (credit card details or online payment at www.swep.com.au). Samples submitted without payment will not be processed until payment has been made unless prior arrangements have been made.
- Please ensure that the Quarantine details (right) are clearly written on the outside of the package.



SWEP Analytical Laboratories
45-47/ 174 Bridge Rd, Keysborough,
Victoria, Australia 3173

**Australian Department of Agriculture
Fisheries & Forestry Quarantine Act 1908**
Approval under section 46A Category 5.1
Samples for 'In Vitro' use ONLY
Permit No:
IP07020924
Valid to: 31 Oct 2009
Approval No: V0774

Quarantine Details:

The following details **MUST** be written clearly on the outside of the box

Important: Samples sent via any of the express Courier services (eg. DHL, etc.), often incur extra charges from both the Courier and Quarantine. In general we find the samples sent via **International Air Mail – Express Mail Service (EMS)** will arrive just as quickly as those dispatched through courier services and can be tracked if there are any delays.

Collecting Plant Tissue Samples

The collection of plant tissue samples is done for one of two reasons:

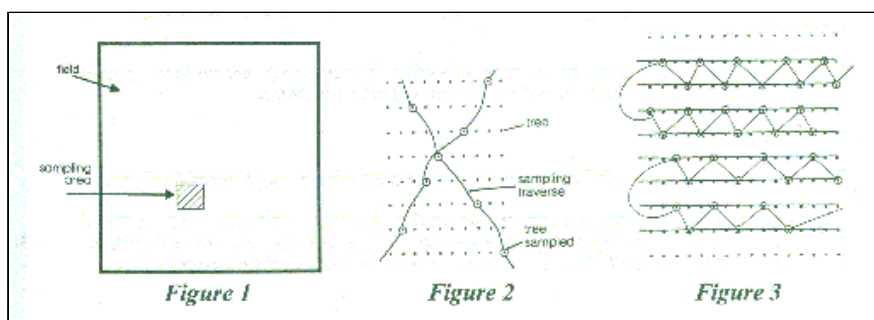
- Diagnosis of plant nutrition problems (comprising material showing the particular symptoms to the greatest extent)
- Monitoring of crop health (comprising material from a 'typical' part of the block or plantation - normally covering about 0.5 -1.0 hectare). See Figure 1 below.

For monitoring, it is usual to make up the sample with fully expanded leaves taken as close as possible to shoot tips. For Diagnosis, choose material that is exhibiting symptoms of the problem.

In both cases (for tree and vine crops), take four leaves per plant and, where practical, with one from each quarter (ie. North, South, East and West).

Where possible, it is best to follow an X or zigzag path through the block (Figures 2 & 3), placing leaves or other sample material directly into a plain brown paper bag.

Usually, a sample comprised of 30-100 leaves (depending mainly on the leaf size) will be sufficient. Take special care of the following points:



- Do not sample from plants under temperature or water stress. Sampling before 10am is preferred.
- Avoid sampling leaves after flowering or after shoot growth has stopped, unless the particular crop has a specific time requirement (eg. Vines at 75% flowering)..
- Before taking the sample, wash hands thoroughly or wear disposable plastic gloves.
- Do not send wet material as it may begin to rot in transit.
- Preferably send the material straight away. If this is not possible, refrigerate the samples (but do not freeze) in its paper bag until it can be sent.

For further information please visit our website: www.swep.com.au or call us on +61 3 9701 6007.