

Mail to: **PO Box 583, NOBLE PARK, VIC 3174**
Important: Please see over for instructions

For samples from within Australia:

Standard Soil Balance Analysis (ST-1) *Tick*

Complete Soil Balance Analysis (CT-1)

For prices visit: www.swep.com.au
 Or phone: 03 9701 6007

Client Information:

Name: _____ Contact Phone: _____

Postal address: _____ Mobile Number: _____

_____ Postcode: _____

Email results: _____

Sample information: *(Please complete or circle choice)*

| | | | | | | | | |
|-----------------------------------|-------------|-------|------------|-------|-------------|-------|------------|-------|
| Sample Name: | 1: | | | | 2: | | | |
| Topography | Hill | Flat | Swamp | Slope | Hill | Flat | Swamp | Slope |
| Drainage | Very good | Good | Poor | | Very good | Good | Poor | |
| Rainfall (mm/yr) | | | | | | | | |
| Irrigation (If applicable) | Flood | Spray | Trickle | | Flood | Spray | Trickle | |
| History (optional) | Date | | Qty | | Date | | Qty | |
| Lime (tonnes/ha) | | | | | | | | |
| Dolomite (tonnes/ha) | | | | | | | | |
| Gypsum (tonnes/ha) | | | | | | | | |
| Trace elements: | | | | | | | | |

Agent:

Special Instructions:

Testing Requirements:

NB. Try to be specific about "Land use". For example: "Fruit & Veg" is too general, but "Broccoli, Carrots & Apples" tells us exactly what you need. You can get a report for up to three (3) land uses per sample at **no extra cost**. (Additional reports \$22 each)

| Sample Name | Land use (Crop or Pasture Type) | Target Yield (t/ha) | Area (Ha) | Sample depth | Amount |
|---------------|---------------------------------|---------------------|-----------|--------------|--------|
| 1: | | | | | \$ |
| Options: | | | | | \$ |
| 2: | | | | | \$ |
| Options: | | | | | \$ |
| Total: | | | | | \$ |

NB. If not ordering on line, please enclose your payment as either: cheque (payable to SWEP Pty Ltd) or credit card details (below)

Credit Card Payment:

Full Name (as shown on card) _____

 Cardholder's Signature

Please debit my **VISA / MASTERCARD** Amount: \$ _____

□□□□-□□□□-□□□□-□□□□ Expires: □□/□□

Please read the instructions below carefully before taking samples



Directions on sending in soil samples

- **Collect your sample/s according to instructions below**, and then place **250g** of mixed soil in sealable zip lock bag/s. **Note: Each soil sample bag should represent a particular area and therefore charged per sample bag.**
- **Complete all details on soil information sheet** with as much information as you can provide and enclose the completed form with your soil sample/s.
- **Include payment with your samples** (credit card details, cheque or online payment at www.swep.com.au. Please contact us if you would like to pay via EFT).
- **Please post to: SWEP LABORATORIES, PO BOX 583, NOBLE PARK VIC 3174.**
We recommend you use an express post satchel – for tracking and timely delivery.

Collecting soil samples for analysis

Remember, you are looking for a 'Representative average' for a particular area. Look for changes where the soil varies in colour/texture, land use or fertiliser application. Look for distinct changes, such as pasture on hills, cropping, or flats. Most importantly, you need to use the right soil sampling implement and sample to the right depth with every core.

As a general rule:

Each sample area is uniform in terms of: soil type, topography, land use, crop variety & fertiliser history.

One sample can cover up to 40 hectares (100 acres) if irrigated land. For dry land, one sample can cover up to 80 hectares (200 acres).

Samples should cover the root zone in which plants are grown. Samples should be taken from the surface down to the depth indicated below:

- **Pasture 0 to 10cm**
- **Vegetables / Field crops** (eg. Wheat) **0 to 15cm**
- **Tree / Vine crops 0 to 25cm**

All cores should be consistent eg. All cores taken to a depth of 15cm from the surface to the bottom of the core and approximately 20-25mm in diameter. If obvious soil differences occur within an area it would be wise to test this separately. If this is not possible leave this area out of the sample as a major soil type variation may alter results significantly.

Use a stainless steel core sampler (other metals produce distorted results for Iron, Copper & Zinc etc.) The simplest implement is a stainless steel apple corer, which is exactly 10cm.

Collect 20 - 30 cores in a zigzag path - choose carefully so you can easily go the same way next time, ideally retest every 1 or 2 years following the same path, using the same sample depth, at the same time of the year, this way you can track changes that occur over time.

Avoid patches of very good or very poor growth, areas near fences, gates, troughs, livestock camps, dung or urine patches – anywhere that may distort your results.

Mix these cores very thoroughly in a clean plastic bucket (wear gloves) and remove any growing matter (grass etc), write the relevant information on a sealable plastic bag.

Take 250g to 300g of the mixed cores, and fill into the sample bag (excluding as much air as possible) and ensure the bag is tightly sealed. Each sample bag should represent a separate area and therefore will be charged per bag/test.

Complete the soil information sheet (over the page) and ensure sample bags are clearly marked.

For further information please visit our website: www.swep.com.au or call us on **03 9701 6007**.

