



NTS Soil and Plant Therapy™ Services

“Your Personalised Guide for Optimum Crop Nutrition”

Perform the right test at the right time and save money!

<p>1. Are you looking for long-term soil correction or a boost to your current crop?</p> <p><i>A Soil Therapy™ report will include a recommendation for a Prescription Blend™ based on your soil test results. This blend is designed for long-term soil correction rather than as an annual input. That is, it is designed to improve soil structure, drainage, nutrient recycling and beneficial microbe populations over time and will not suffice on its own to get this year’s crop through to harvest. NTS’s Plant Therapy™ service will enable you to monitor and fine tune your on-going liquid program throughout the season for optimum results.</i></p>	<p>Soil Correction – It is advised you perform a Soil Therapy™ Test. Boost - A Plant Therapy™ Leaf Test would be suitable. You may like to also consider a Soil Therapy™ Test for long-term benefits.</p>
<p>2. Do you have the ability to broadcast non-granular dry fertilisers and soil conditioners?</p> <p><i>Recommendations based on soil tests will include a dry mineral blend. If applying this type of blend is not possible you are advised to perform a Plant Therapy™ Leaf Test where liquids will be recommended.</i></p>	<p>No – It is advised you perform a Plant Therapy™ Leaf Test. Yes – A Soil Therapy™ Report would be suitable. You may like to also consider a Plant Therapy™ Leaf Test depending on your crop stage.</p>
<p>3. Is your crop at a critical stage or appears to have a nutrient deficiency symptom?</p> <p><i>Performing a Plant Therapy™ Leaf Test will be important at this stage to identify nutrient requirements and to design a Prescription Fertiliser Program to ensure optimum quality and production.</i></p>	<p>Yes – It is advised you perform a Plant Therapy™ Leaf Test. No – Plant Therapy™ Leaf Tests are an ideal method to monitor crop nutrient levels and to address requirements prior to them becoming a crop limiting factor.</p>
<p>4. Are you a home gardener or hobby farmer?</p>	<p>Yes - Refer to NTS’s Life-Force Vitality Program or contact Robyn, NTS’s home garden specialist, on + 61 7 5472 9900.</p>

Phone an NTS Agronomist or your local NTS Distributor for further information.

Ph: + 61 7 5472 9900 or info@nutri-tech.com.au

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Soil Therapy™ Soil Analysis Service

SELECTING AN AREA TO SAMPLE

Samples must be collected within the one soil type and slope and have similar paddock history. Avoid recently fertilised areas, manure and urine patches, old fence lines, old animal pens, old building sites, gullies and other areas that are not typical of the field being sampled.

SOIL SAMPLING

Collect sub-samples from 15-20 sites, within 8 hectares or less, to a depth of 15 cm with a soil probe or auger. If these tools are not available, accurate samples can be taken with a spade, as follows:

Ensure the sampling tool is **rust free, cleaned** and **gloves** are worn to remove anything that could contaminate the soil sample. Dig a hole to 15 cm deep, then take a slice of soil from top to bottom. Remove a uniform section about 3-4 cm wide from the top to the bottom of the slice. It is very important to sample uniformly down the soil profile. Too much surface soil compared to deeper soil will give inaccurate data and may lead to inappropriate fertiliser advice.

SAMPLE PACKAGING

- Mix the soil sample thoroughly in a clean plastic bucket, then take a representative sub-sample of approximately 450 grams.
- If samples are wet, send more sample to allow for water weight, or air dry the soil before packaging.
- Send the sample in a plastic bag with **Sample ID** (Paddock Name) and **Crop Details** (main crop to be fertilised, species and variety, if applicable, e.g. Murcott mandarins) on an **external label** (tie or stick-on).
- Please also include **Name, Phone No, Return Address on each sample and completed EAL Client Registration Form** (form to be included with your initial sample only or if your contact details have changed).
- Do not write directly on plastic, as writing can rub off in transit. Use a **permanent marker**.
- **Do not put the label in the bag** with the soil, as it may absorb moisture from the sample and become illegible.

POST SAMPLES IN A BOX OR POST BAG TO:

Environmental Analysis Laboratory
PO Box 157
LISMORE NSW 2480
Ph. 02 66203678
Fax. 02 66203957

IMPORTANT: Please include a daytime contact number as an NTS Agronomist will call you prior to commencing your report/s to ensure we have the information required to provide a personalised recommendation.

Allow 2-3 weeks turnaround for lab results and recommendations. To expedite the process, EAL should receive samples by Friday for laboratory results the following Thursday. Please note: Overnight Express Post is not guaranteed to Lismore.

PLEASE INCLUDE PAYMENT FOR ANALYSIS:

Cheque payable to "Environmental Analysis Laboratory" or include relevant credit card details.

ANALYSIS FEES (per sample, including GST)

- | | |
|--|----------|
| • Standard Soil Analysis (includes Soil Therapy™ Report) | \$132.00 |
| • add Total Digest Molybdenum, Cobalt and Selenium | +\$22.00 |
| • add ReefWise Testing | +\$44.00 |
| • Soil Therapy™ Report Only (i.e. recs. for <u>non EAL</u> soil test data) | \$55.00 |



SOIL THERAPY™
PLEASE COMPLETE AND INCLUDE WITH SOIL SAMPLE

Personal Details	
Name	
Trading Name	
Phone Number ()	Fax Number ()
Mobile Number	Email Address
Postal Address	Production System <input type="checkbox"/> Organic <input type="checkbox"/> Biodynamic <input type="checkbox"/> Conventional/Biological <input type="checkbox"/> Hydroponic
Test Required	<input type="checkbox"/> Standard Soil Analysis (NT-PACK-02) <input type="checkbox"/> Standard Soil Analysis plus Total Digest Molybdenum, Cobalt and Selenium (add \$22) (NT-OPT-01)
Optional Extras	<input type="checkbox"/> Total Phosphorus (add \$22) <input type="checkbox"/> Chloride (add \$11) (NT-OPT-02) <input type="checkbox"/> Colwell Phosphorus (add \$11) (NT-OPT-04) <input type="checkbox"/> ReefWise Testing (add \$44) (NT-OPT-14)
<input type="checkbox"/> I would like the 20 page "Guidelines and Operating Principles" included with my report. <input type="checkbox"/> I do not require the "Guidelines and Operating Principles" as I have a copy from a previous report.	

Crop and Paddock Details (Soil Therapy™)	
Block Name	Intended Primary Crop
Can you fertigate? (ie mix fertilisers with irrigation water)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Can you foliar spray?	<input type="checkbox"/> Yes <input type="checkbox"/> No

IMPORTANT: Please include a daytime contact number as an NTS Agronomist will call you prior to commencing your report/s to ensure we have the information required to provide a personalised recommendation.

ENVIRONMENTAL ANALYSIS LABORATORY

LIMS – CLIENT REGISTRATION FORM



Company Name:		Company ID:	
Contact Person: (Mr, Mrs, Miss, Ms)	Surname:	First Name:	
Contact Position:			
Postal Address:			
	Suburb:	State:	
	P/Code:	Country:	
Physical Address:			
	Suburb:	State:	
	P/Code:	Country:	
Phone:	()	Extn:	
Fax:	()		
Mobile:			
Email:			

Invoice Details: (complete if different from above)	

Entered by:	
Date:	

Office Use Only



Plant Therapy™ Instructions

- 1) Please collect leaf samples, **from one species only**, according to standard crop procedures (call Soil Therapy™ staff for details) and deposit them in a paper bag.
- 2) The sample bags should be labelled with your name, address, fax and phone number, crop/species, date sampled, and any particular problems/symptoms.
- 3) **Express post** the samples in an envelope, and include credit card details or a cheque for payment made out to **Environmental Analysis Laboratories**. Include **completed EAL Client Registration Form** (form to be included with your initial sample only or if your contact details have changed).
- 4) **Note:** It is essential to express post samples in an overnight bag, or use airmail to ensure the sample arrives as soon as possible.
- 5) It is acceptable to send plant matter to a certified laboratory within Australia. Australia Post are not authorised to act as quarantine agents as we have already established a ruling on this matter.
- 6) **Environmental Analysis Laboratories** will email results directly to Soil Therapy™ or your local distributor within 4 to 5 working days of receipt of your samples.
- 7) Soil Therapy™ agronomists or your local distributor will incorporate the test data into a comprehensive **Plant Therapy™** analysis sheet, which will clarify your results, and make appropriate recommendations.
- 8) If you are sampling an unusual or not well researched crop, please check with Soil Therapy™ agronomists first to confirm whether the data for analysis is available.
- 9) The **Plant Therapy™** data will be mailed, faxed or emailed to you ASAP.

EXPRESS POST SAMPLES TO:

Environmental Analysis Laboratory
PO Box 157
LISMORE NSW 2480
Ph: 02 66203678 Fax: 02 66203957

It is best to post leaf samples early in the week (preferably Monday) to ensure results are back by the same Friday. Please note: Overnight Express Post is not guaranteed to Lismore.

Plant Therapy™ is a natural extension of our **Soil Therapy™** service, where an in-depth fertility analysis of soil test data is used to formulate **Personal Prescription Blends** for individual blocks. We have found that the increases in production and quality attributed to this form of **precision nutrition** can be further enhanced with regular leaf analysis monitoring and appropriate corrective action.

Plant Therapy™ leaf analysis, at our heavily discounted rate of **\$60.50 per test** (inc GST), offers the opportunity to achieve more response from limited funds, through applying only what is needed, exactly when it is needed. This precision nutrition can be accomplished with a single foliar spray or fertigation. Environmental Analysis Laboratory also offers a service whereby the **leaves are thoroughly washed** according to a standard procedure. This will cost an extra \$5.50 (inc GST) per sample ie. a leaf sample would then cost **\$66.00** (inc GST). This will ensure that the test is measuring the nutrient within the leaf and not any residues from fertiliser applications. Plant Therapy™ recommendations are also available on leaf data supplied from other laboratories for a cost of \$13.20 per test (incl. GST).



PLANT THERAPY™
PLEASE COMPLETE AND INCLUDE WITH LEAF SAMPLE
 * indicates compulsory field for completion of report

Personal Details	
Name*	
Trading Name	
Phone Number* () Mobile Number	Fax Number* ()
Postal Address	Production System* <input type="checkbox"/> Organic <input type="checkbox"/> Biodynamic <input type="checkbox"/> Conventional/Biological <input type="checkbox"/> Hydroponic
Test Required* <input type="checkbox"/> Plant Analysis (NP-PACK-01) <input type="checkbox"/> Plant Analysis plus Leaf Washing (NP-OPT-02)	

Crop and Paddock Details (Plant Therapy™)	
Block Name*	Crop Sampled* (Single species only)
Crop Stage* <input type="checkbox"/> Seedling <input type="checkbox"/> Early Growth <input type="checkbox"/> Tillering <input type="checkbox"/> Mature <input type="checkbox"/> Flowering <input type="checkbox"/> Fruit Grain Set <input type="checkbox"/> Fruit Filling <input type="checkbox"/> Other.....	
Fertiliser History	
Can you fertigate? (ie mix fertilisers with irrigation water)* <input type="checkbox"/> Yes <input type="checkbox"/> No	
Irrigation technique (please tick): <input type="checkbox"/> Drip <input type="checkbox"/> Flood <input type="checkbox"/> Sprinklers <input type="checkbox"/> Centre Pivot <input type="checkbox"/> Other	
Can you foliar spray? * <input type="checkbox"/> Yes <input type="checkbox"/> No	
Are there any crop symptoms?	
Has the crop recently been sprayed with <input type="checkbox"/> Nutrients..... <input type="checkbox"/> Fungicides..... <input type="checkbox"/> Pesticides.....	
Special Notes:	

ENVIRONMENTAL ANALYSIS LABORATORY

LIMS – CLIENT REGISTRATION FORM



Company Name:		Company ID:	
Contact Person: (Mr, Mrs, Miss, Ms)	Surname:	First Name:	
Contact Position:			
Postal Address:			
	Suburb:	State:	
	P/Code:	Country:	
Physical Address:			
	Suburb:	State:	
	P/Code:	Country:	
Phone:	()	Extn:	
Fax:	()		
Mobile:			
Email:			

Invoice Details: (complete if different from above)	

Entered by:	
Date:	

Office Use Only
