SWEP Fast, Accurate, Reliable Soil Analysis
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POST SAMPLE TO:
P O BOX 583, NOBLE PARK VIC 3174

STANDARD TRUFFLE ANALYSIS

FOR ESTABLISHED PLANTATIONS ONLY

DOES NOT INCLUDE MICROBIAL ASSESSMENT

Client Information:

Name: _____ **Contact Phone:** _____

Postal address: _____ **Mobile Phone:** _____

_____ **Postcode:** _____

Email address: _____

SWEP specialise in soil science and has extensive experience in testing and recommending for soils producing Truffles. Over the years SWEP have also utilised the consultancy of Palm-Ag Services to provide you with assistance and guidance in using this test.

☐ Please tick the box if you choose to have a copy of your results sent to Larry Palmer of Palm-Ag Services for product interpretation and guidance in applying our recommendations.

Disclaimer: All recommendations are made in good faith at the time and are based on SWEP's experience and research. However, we cannot guarantee production of truffles by the use of this test or recommendations and cannot be held responsible for any results obtained.

In order for us to continue our research on these soil tests it would be greatly appreciated if you could give us some indication of your production. This will benefit **all** growers including you in the long run. We do not expect you to give exact figures. All information is confidential and will not be disseminated. **Please tick the box on the right that applies to you:**

Is your plantation too young to be producing?	☐
Is your plantation old enough but not producing?	☐
Is your plantation giving less than 1kg per hectare?	☐
Is your plantation giving between 1-10kg per hectare?	☐
Is your plantation giving between 10-20kg per hectare?	☐
Is your plantation exceeding 20kg per hectare?	☐

Sample information:

Topography	Hill	Flat	Swamp	Slope
Drainage	Very good	Good	Poor	
Annual Rainfall (mm/in)				

Applications:

Has a prior truffle soil analysis been done on this area through SWEP? **Yes / No.**

If 'Yes' please provide:

SWEP file #: _____ **Date:** _____

Please complete: *'Standard Truffle Soil PREVIOUS APPLICATIONS' (Page 3).*

Sample Identification:

Sample Name	Age of Plantation	Land Use	Certified Organic		Area – Ha or Ac	Sample Depth	Amount
		Truffles	Y	N		*0-15cm (0-6in)*	$ 352.00 (Inc GST)

NB. *If not paying online please enclose your payment as either:* ***Cheque, Money Order*** *(payable to* ***SWEP Pty Ltd****) or* ***Credit Card details****.*

Credit Card Payment:

Full Name *(as shown on card)*_____ _____

Cardholder's Signature

Please debit my ***VISA*** */* ***MASTERCARD*** *for* ***the amount of $_____(AUD)***

☐☐☐☐-☐☐☐☐-☐☐☐☐-☐☐☐☐ Expires: ☐☐/☐☐

Directions on sending in samples of Truffle growing soil (Standard)

- **Collect your sample/s according to instructions below**, and then place 250g of mixed soil in sealable zip lock bag/s.
- **Complete all details on soil information sheet** with as much information as you can provide and enclose the completed form with your soil sample.
- **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 read the instructions below carefully before taking samples

Collecting soil samples for analysis

Remember, you are looking for a 'Representative average' for a particular area. Look for changes where soil varies, i.e.: colour, texture or clay content and where there is a distinct change in tree growth or health, or where truffle production varies (no, minimal or good production) and other differences, such as hills compared to flats or slopes. Sampling a large area with such variance, in particular truffle production, will not allow the cause of the difference to be determined. Most importantly, you need to use the right soil sampling implement and sample to the right depth with every core.

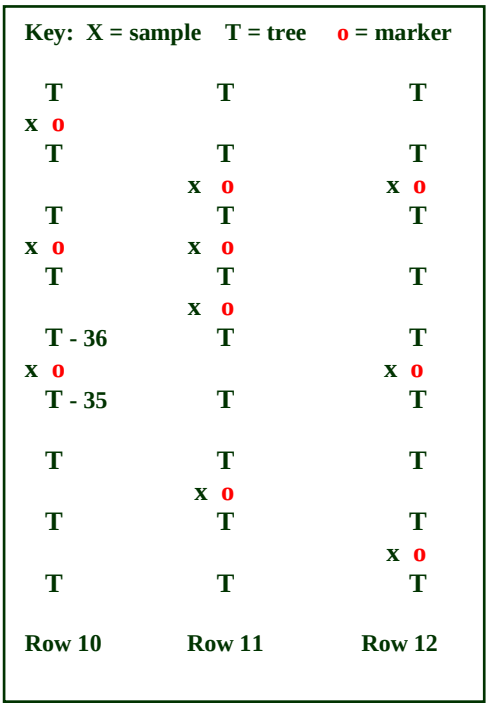
As a general rule:

- **Each sample area is uniform in terms of:** soil type, topography, land use & fertiliser history.
- **One sample can cover up to 2 hectares (5 acres)**
- **Sample depth should cover the zone in which Truffles form** – soil surface to 15 cm (6 inches)
- **All cores should be consistent** eg. All cores taken to a depth of 15cm from the soil surface to the bottom of the core and approximately 20 - 25mm in diameter. If obvious soil differences occur within a block it would be wise to test this area separately. If this is not possible, leave this area out of the sample as a major soil type variation may alter results significantly.
- **Do not touch soil sample with your hands, as this may affect the sodium level.**
- **Do not brush away or remove any surface material before taking a soil core!**

Use a stainless-steel core sampler (other metals produce distorted results for Iron, Copper & Zinc etc.). Please contact us if you are having trouble finding a sampler.

Collect 15-20 cores from the tree canopy drip line on established trees or approximately 0.5 metres from the tree line of immature trees. Where possible, record and mark the approximate position where sample was taken, e.g. "*between tree 35 and 36, in row 10*". This should give a more consistent and concise result each time you sample. Ideally retest annually, following the same path, same sample depth, at the same time of the year, this way you can track changes that occur over time.

Mix these cores very thoroughly *with a clean stainless-steel spoon, not your hands* in a clean plastic bucket. Remove any growing matter (grass etc). Write the relevant information on sample bag provided, then **take 250g of mixed cores**, fill and seal bag (excluding as much air as possible). Fill in the information sheet provided, add payment details and mail to SWEP Pty Ltd in express postbag.



Standard Truffle Soil Analysis continued

Client Name:

In order for us to help you with product interpretation / recommendations, please fill out this form with as much detail as possible.

Previous Applications:

Applications	Date dd/mm/YYYY	Quantity t/ha	Analysis	
Lime Fine (tonnes/ha)			Ca___%	
Lime Course (tonnes/ha)			Ca___%	
Gypsum (tonnes/ha)			Ca___%	S___%
Dolomite Fine (tonnes/ha)			Ca___%	Mg__%
Dolomite Course (tonnes/ha)			Ca___%	Mg__%
Magnesium Oxide (tonnes/ha)				Mg__%

Fertiliser (kilograms per hectare)	Date dd/mm/YYYY	Quantity kg/ha
Nitrogen e.g. S.O.A, UREA		
Phosphorus e.g. DAP, MAP, SSP		
Potassium e.g. S.O.P.		
Sulphur e.g. Elemental Sulphur		

Trace Elements (kilograms per hectare)	Date dd/mm/YYYY	Quantity kg/ha
Copper Sulphate		
Zinc Sulphate		
Manganese Sulphate		
Iron Sulphate		

Biological Stimulants (litres per hectare)	Date dd/mm/YYYY	Quantity L/ha
Kelp		
Molasses or White Sugar		
Worm Leachate		
Fish Emulsion		
Liquified Humate		
Green Manure		