



Premium Soil Test Sampling Kit

Version 2020

Analysis by



Australian Precision Ag Laboratory

Recommendations By:

**Hi-Tech Ag Solutions
Pty Ltd**

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Important cc: forms@hitechag.com.au

APAL Soil Test Description:

Complete Soil (KCL Suphur) Includes pH (Water & CaCl), EC, Organic Carbon, Nitrate N, Ammonia N, PBI, ECEC, Aluminium and exchangeable acidity, Sulfur (KCL), Colwell K, Colwell P, Exchangeable Cations (Ca, Mg, K, Na), DTPA Trace elements (Mn, Zn, Cu, Fe), Boron, Silicates **INCLUDING Bray P2 Phosphorus, Total Phosphorus, Total Cations & Total Traces, DGT-P, Colwell Phosphorous, MIR Soil Texture**

Optional Consultant Report Option

A colour graph report plus a full independent consultant report - includes a detailed program with recommended fertilisers & soil amendments (lime / gypsum / dolomite / compost) plus foliar applications and interpretation of cation balance.

CHECK LIST

Before posting please ensure that:

- ✓ **Payment Advice** sheet has been completed and sent to Hi-Tech Ag. forms@hitechag.com.au or post PO Box 5351, Davenport, WA, 6230
- ✓ The **Soil Analysis Submission Form** is filled in for each soil sample including your contact details. (Please record GPS location) **Postcode is essential for Quarantine Regulations**
- ✓ All sample details are clearly identified on the soil bags using permanent markers or biro. Use clean zip lock plastic bags for additional samples if necessary.
- ✓ The soil sample bags are not filled above the line indicated on the sample bag.
DO NOT staple or tape close the bags
- ✓ The soil sample bags are placed into the A4 clear plastic zip lock bag the kit came in
- ✓ The **Soil Analysis Submission Form** is completed, and enclosed with samples and posted to APAL with one of below addresses

WA customers, please send:

Via Courier: Unit 4, 158 Francisco St, Belmont, WA 6104

NSW, QLD, SA, VIC customers, please send:

Via Courier: Unit 3, 11 Ridley St. Hindmarsh, SA 5007

Soil Sampling Instructions

How to obtain viable samples for various tests. Correct Sampling is imperative to ensure accurate analysis and interpretation. Precise Nutrient Management can only occur with a quality representative sample.

Keep in mind before you start

- Regular tests build a better profile
- Sample different soil types separately
- Avoid unusual areas, stock camps, fertiliser dump sites, dam sites, gates, troughs, trees
- Avoid fence lines (old and new), sheds and roadways
- Sample varying topography (Hills and flats) separately
- Avoid poorly drained areas and wet conditions
- Avoid headlands
- Ensure different fertiliser and rotation histories are sampled separately
- Avoid dung and urine patches in pastures
- Sample High and low yielding areas separately
- Don't sample paddocks that have had ameliorants (lime) or fertiliser applied in the past 2-3 months

Taking the sample

1. Review your required tests. If guidance is required consult APAL or your local agronomist
2. Determine an appropriate sampling plan, ensuring a representative sample is obtained and keeping in mind the above points
3. Ensure all your equipment is clean
4. Remove debris and plant material from the soil surface
5. Take the required number of cores utilising a transect or zigzag sampling plan
6. Pool your cores in a clean plastic bucket, breaking the soil into small crumbs
7. Mix the sample thoroughly in the bucket
8. Place your representative sample into APAL's soil test bags and fill to the required line. Place no more than 200-300g if using your own bags
9. Ensure your equipment and bucket is clean before moving onto your next sample
10. If using a shovel ensure the sample is consistent down to the required depth (e.g. take a slice down the side not a V sample)
11. If excess sample is collected ensure the sample is well mixed before sub-sampling, try to reduce the sample to around 200-300 gms to avoid excessive postage charges

Sending the sample to the lab

1. Ensure APAL's sample bags are filled to the desired line. If using other bags please ensure there is 200-300 gms of soil
2. Ensure you have the correct submission form and the details are filled out correctly with **postcode**, test code, sample name, crop and sampling depth. If any extra tests are required please mark with a cross or note the code in other tests. Deliver to:

Perth Unit 4, 158 Francisco St Belmont WA 6104	Adelaide Unit 3, 11 Ridley St Hindmarsh SA 5007
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Soil Analysis Submission Form



ADELAIDE
T 08 8332 0199
U 3, 11 Ridley St, Hindmarsh SA 5007

PERTH **E**
T 08 9477 2277
U 4, 158 Francisco St, Belmont WA 6104

apal.com.au
ABN 53 166 799 793

POST CODE: QUARANTINE REGULATION: SAMPLES WILL NOT BE PROCESSED WITHOUT IT



Agent: _____
Contact Name: _____
Purchase Order: _____
Address: _____
Phone: _____
Email: _____
Grower Name: _____

Select Reporting Option Data Only Technical Report Premium Report

Test Options **(Add TEST CODE and extras on next sample submission page)**

Test Set Code

Complete Soil) Soil (KCL Suphur) Includes pH (Water & CaCl), EC, Organic Carbon, Nitrate N, Ammonia N, PBI, ECEC, Aluminium and exchangeable acidity, Sulfur (KCL), Colwell P, Exchangeable Cations (Ca, Mg, K, Na), DTPA Trace elements (Mn, Zn, Cu, Fe), Boron, Silicates.
INCLUDING Bray P2 Phosphorus, Total Phosphorus, DGT-P, Total Cations & Total Traces, Colwell Phosphorous, MIR Soil Texture.

Total No of Samples Submitted

Sampling Date

Office Use Only:
Invoice No. Cheque: Account: Credit Card

www.apal.com.au

Test set code	<i>Office Use/Barcode</i>	Sample Name	Crop	Growth Stage





PAYMENT ADVICE

Purchase Order # _____ Date: _____
 Trading Name: _____ Contact Name: _____
 Postal Address: _____ Post code: _____
 Mobile: _____ Email: _____

Note: Allow 14 days for soil samples and 3-4 days for plant tissue to be processed upon APAL receiving samples.
 (Prices valid from 05/02/21)

TEST CODE	TEST OPTIONS	PRICE/SAMPLE (exc GST)	PRICE/SAMPLE (incl GST)	No. SAMPLES SUBMITTED	TOTAL COST \$
HTI	Premium Soil Test	\$ 160.00	\$ 176.00		
EXTMOL	Extra Molybdenum	\$ 13.00	\$ 14.30		
EXCOB	Extra Cobalt	\$ 13.00	\$14.30		
EXOALFESI	Ex Oxalate, Al, Fe, Si	\$ 16.00	\$17.60		
SUBSOIL	APAL Sub Soil	\$ 105.00	\$115.50		
PLATISS	Plant Tissue Test	\$ 69.00	\$75.90		
WASHFEE	Plant Washing Fee	\$ 5.00	\$5.50		
FTF3	Feed Test F3	\$ 165.00	\$181.50		
G2	Grain Mineral Test	\$ 70.00	\$77.00		
LIMTES/DOLTES	Lime/Dolomite Test	\$ 95.00	\$104.50		
GYP	Gypsum Test	\$ 85.00	\$93.50		
W1	Water Irrigation & Livestock Test	\$ 100.00	\$110.00		
W2	Water Irrigation & Livestock Test plus Heavy Metals	\$ 160.00	\$176.00		
W3	Spray Water Check	\$ 55.00	\$60.50		
COMPOSTC1	Complete C1 Compost Test	\$ 105.00	\$115.50		
MICROWISE	Microbe Wise for Soil (MWSS) Soils	\$ 260.00	\$286.00		
MWSH	Add HOM - For Pasture	\$ 45.00	\$49.50		
IDWS	ID Wise (IDWS)	\$ 300.00	\$330.00		
IDWX	Add extra morphology (IDWX)	\$ 200.00	\$220.00		
CSFU/PP/RH/TH	Soilborne Crop Disease Test	\$ 300.00	\$330.00		
PSVC	Priority Service - per Analysis	\$ 30.00	\$33.00		
TOTAL PAYMENT ENCLOSED					\$

PLEASE ENSURE THIS PAYMENT ADVICE IS COMPLETED & RETURNED TO HI-TECH AG SOLUTIONS
 AN ORIGINAL TAX INVOICE AND RECEIPT OF PAYMENT WILL BE MADE

PLEASE MAKE CHEQUES PAYABLE TO: HI-TECH AG SOLUTIONS PTY LTD							
Credit Card Payments		Mastercard: <input type="checkbox"/>		Visa: <input type="checkbox"/>		EFT: Banking Details	
Name on Card:				Amount: \$		Bank: ANZ Bank	
Card Number:				Expiry date:		BSB: 016-560	
						Account # 220813433	
CVV		Signature		Date:		Reference	Trading name