

APAL Plant Tissue Analysis

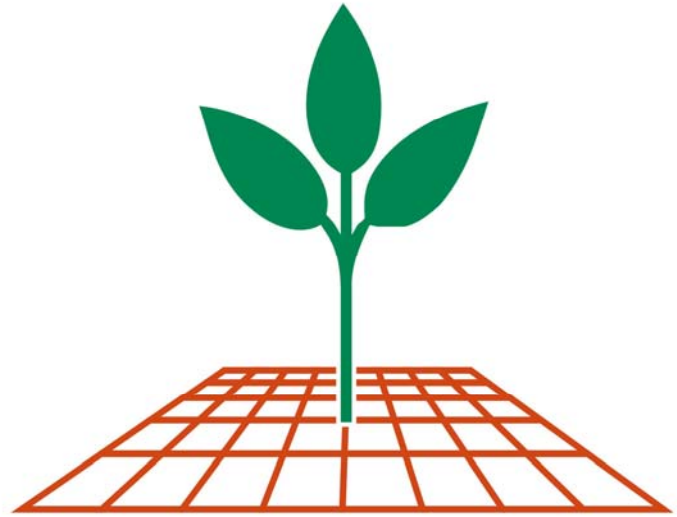
Crop Plant Pasture OR Feed Sampling Kit

Version 2010

Interpretation &
recommendations by
APAL's independent
consultants

This kit can be used to assess a
problem or for monitoring progress in
a crop, pasture or conserved fodder.

This kit includes
sampling instructions,
4 paper sample bags,
2 plastic hand gloves,
1 pre-paid envelope.



This kit is designed for
ALL CROP and PASTURE TYPES
LEGUMES, SILAGE, GRAIN and HAY

APAL Plant Analysis

Nitrogen, Nitrates, Phosphorus, Potassium, Calcium,
Magnesium, Sodium, Sulphur, Copper, Boron, Iron,
Manganese, Zinc & Chloride.

Extra Analysis Available

Molybdenum, Cobalt & Selenium.

Feed Analysis

Dry Matter, Crude Protein, Acid Detergent Fibre, Neutral
Detergent Fibre, Metabolisable Energy & Digestibility,
Ash and Fat

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Do not fertilise from leaf tissue results, unless confirmed by soil analysis.
 Always consider soil sampling as a first priority.

Accurate sampling is critical for reliable results

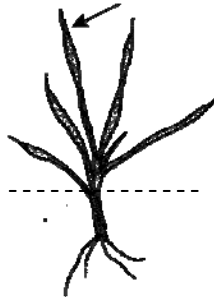
Avoid contamination - wash your hands before sampling
 & use the disposable gloves provided.

Avoid dirty leaves, as these will contaminate samples.

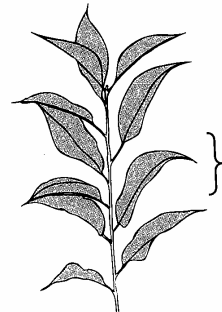
- **Orchards / Tree Crops / Vegetable Crops:**
 Select the most recent fully developed leaf - usually 3rd or 4th from the growing tip.
- **Grape Vines:**
 Leaf - sample most recent mature leaf (petiole and blade).
 Petiole - at flowering collect a petiole from a basal node opposite a bunch.
 20–30 leaves from one representative area will fit in one paper bag supplied.
- **Olives:**
 Select fully expanded mid-shoot leaves from new season growth.
 Collect 4 leaves per tree from 25 trees of a single cultivar.
- **Potatoes:**
 Select the petiole (or petiole & blade) of the 5th leaf from the growing terminal.
 *Always include growth stage information – ie. Tuber size – length of the longest tuber.
- **Cereals:**
 Take the whole top of the plant when young or collect 40 to 50 leaves. Do not take
 seed head if it has emerged.
- **Lupins / Beans / Canola:**
 Collect 100 of the youngest mature leaves.
- **Deciduous Fruits:**
 In mid-summer collect 50 leaves from a mid-shoot position.



Grape Vines



Cereals



Deciduous Fruits

*If leaves are wet, collect in a plastic bag and transfer to paper bag supplied for postage
 after drying off surplus moisture.*