

Where to send your sample

1. Post your soil sample and Chain of Custody and payment to:

**Environmental Analysis Laboratory
PO Box 157 LISMORE NSW 2480**

2. Fax your Paddock History & Information Sheet to:

YLAD Living Soils – (02) 6382 5439

Standard Soil Test (Recommended) NT-PACK-002

TEC	Potassium (K)	Zinc (Zn)
CEC	Sodium (Na)	Silicon (Si)
Colloidal Organic Matter	Conductivity	Paramagnetism
pH	Boron (B)	La Motte/Reams Test:
Nitrogen – NO ₃ and NH ₃	Iron (Fe)	Calcium (Ca)
Phosphorus (P)	Manganese (Mn)	Magnesium (Mg)
Sulphur (S)	Aluminium (Al)	Phosphorus (P)
Calcium (Ca)	Copper (Cu)	Potassium (K)
Magnesium (Mg)		

Recommended (RA-Pack 008)	Optional (RA-PACK-009)	Optional (SS-SING-018)
Total Nutrient Analysis (Includes NT-OPT-01 + Ca Mg K Na S P Zn Mn Fe Cu B Si Al)	Cobalt, Molybdenum, Selenium	Labile Carbon (Not suitable when dry)

The soil test also includes:

- Crop specific ideal levels with bar graph presentation for easy interpretation.
- Conversion of all levels to ppm (parts per million) for easy comparison.

KEEPING RECORDS

1. In order to monitor progress in a paddock it is critical that good accurate records are kept.
2. Identify the exact sample size with fixed landmarks – house, sheds, differential GPS – your identification method must be accurate and able to be repeated.

Further Guide: If a “different” area of the paddock is big enough to fertilise separately eg with a spreader, air seeder or boom, you will need to take another sample of this area.

SOIL SAMPLING

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

1. Ensure the sampling tool is cleaned to remove anything that might contaminate the soil sample.
2. Dig a hole to 15cm deep.
3. Take a slice of soil from top to bottom.
4. Remove a uniform section about 3-4 cm wide from the top to the bottom of the slice.
5. It is very important to sample uniformly down the soil profile. Too much surface soil compared to deeper soil will give inaccurate data and misleading test results.

SELECTING AREA TO SAMPLE

Samples must be collected within the one soil type, slope and having similar paddock history. Avoid “odd” areas eg: recently fertilised areas, manure and urine patches, old animal pens, old fence lines, gullies, headlands and any other areas that are not typical of the paddock being sampled.

SAMPLE PACKAGING

1. Mix the soil sample thoroughly in a clean bucket, then fill the bag to the line with a representative sample.
2. Send each sample in the provided bag with paddock identification label filled in.
3. Fill in Paddock History and Information Sheet for accurate recommendations.
4. Do not put the sheet in the bag with the soil.

NB: Prices are subject to change without notice