

# 864 AGRONOMY & CROP MONITORING

**864**  
SOILS FOR LIFE

864 Connect Agricultural Services delivers a full Agronomy and Crop Monitoring Service with the focus on building resilience to future-proof your business against adverse growing conditions.

## WHAT MAKES 864 CONNECT AGRICULTURAL SERVICES STAND OUT FROM THE CROWD?

### THE THREE-LEGGED STOOL

Balancing the three-legged stool is the key that unlocks unrealised potential for greater production/profit and customer value.

The Soil Leg – Mineral levels and balance/good soil structure

The Biology Leg – Build the soil microbial biomass for greater plant nutrient availability throughout the whole cropping cycle

The Energy Leg - Maximise the soil and plant energy system for better cropping performance at a lower cost.

864 Connect Agricultural Services has thirty years' experience in effectively managing the three-legged stool using Biological Agriculture principles

**864<sub>+</sub> CONNECT**  
AGRICULTURAL SERVICES



"We don't live off the food we eat; we live off the energy IN the food we eat."

Dr. Carey Reams

# SOIL & LEAF TESTING SERVICES

## ALBRECHT CEC SOIL TEST

Full CEC soil testing service that measures the available minerals, exchangeable and total soil mineral levels, including a comprehensive test analysis and recommendations report to balance the soil.

## REAMS SOIL TEST

The Reams Test measures the current plant-available soluble minerals in the soil. This test reveals any limiting/excess plant available minerals, that affect the yield potential and crop harvest quality.

This is a vital test as it provides the actual measure of the soil mineral availability, rather than the CEC test, which measures the mineral storage and the exchange capacity of the minerals. The key link between the CEC test and the Reams test is the amount and diversity of the soil microbes to fully solubilise the crop fertilisers applied for plant availability. The Reams test also measures the energy available to grow the crop to its production and quality potential.

## CROP BUDGETS AND NUTRITION APPLICATION SCHEDULING

From the soil test analysis and recommendations, crop budgets and fertiliser scheduling programs can be provided. The nutrition programs are based on the three-legged stool principle to deliver the best nutrition program to meet production targets, product quality at a lower cost of production.

## CROP MONITORING SERVICES

Our comprehensive "in-field" testing and monitoring services are designed to provide real-time results on the nutrition status of the crop for rapid decision-making to ensure optimum nutrition delivery to maximise the production and quality potential.



## 864 Connect

Agricultural Services

275 Murnburlu Rd, Katherine, NT 0850

Phone: 0459 557 068

[ian.golding@864connect.com](mailto:ian.golding@864connect.com)

[www.864consult.com](http://www.864consult.com)

Disclaimer: Any recommendations provided by 864 Connect Agricultural Services or the Manufacturer are advice only. As no control can be exercised over storage, handling, mixing, application or use, or weather, plant or soil conditions before, during or after application (all of which may affect the performance of our program), no responsibility for, or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise), arising from such storage, mixing, application, or use will be accepted under any circumstances whatsoever. prior to product application. The Buyer assumes all responsibility for the use of any 864 Connect Agricultural Services products.

## Plant Brix Measurement and Monitoring

This is a simple and quick test to ensure effective translocation and storage of energy within the plant during photosynthesis as minerals and carbohydrates.



## Plant Nutrient Testing and Monitoring

On-the-spot in-field sap testing for the major nutrients, such as nitrates, calcium, sodium, potassium can be provided without the need to send plant samples to a lab for testing.



## Reams Soil Testing

The Reams Soil Test measures biologically soluble, major nutrients available to the crop being grown, rather than the total nutrient reserves and the capacity to exchange those nutrients (standard soil test). Simply the best soil test available to monitor and maximise yield/profit potential.

**Farming success has deep roots in healthy soils.**