

# Strong growth from healthy soils

By Rachelle Maddock

IT'S no secret that fertiliser prices are rising at an unsustainable rate.

Farmers are therefore being forced to consider altering their growth programs if they are to survive as a viable business.

However there are much more compelling reasons to consider revisiting soil health as a major key to supplying nutrient to pasture/crops.

Any nutrient applied on paddocks, (conventional or organic) needs to be converted to a plant available form to be taken into the plant.

An essential part of this process is soil biology or microscopic organisms in the soil that break down and unlock nutrients simply by consuming them as food and then being consumed by the next organism in the food chain.

This concept is the most fundamental cycle of life that occurs with all living beings to cycle nutrients from the sky to the soil, through plants, animals and eventually back to humans.

Artificially forcing growth for short term gain not only bypasses these otherwise free naturally occurring processes.

It can also result in over-supply of nutrient to the soil which can be toxic and detrimental to plant / stock / human health.

With loss of balance, the farmer is left with the nightmare of deficiency v's toxicity, lock-up, leaching and polluting waterways with run-off.

The key to finding balance in your soil is encouraging healthy populations of a diverse range of organisms that will live and die on the

basis of what nature knows is necessary and understanding this exactly, we or any scientists cannot even hope to grasp in our lifetime. Yes, scientists admit to barely knowing five percent of the microscopic organisms in the soil.

How can we expect to out-smart nature?

How can farmers maintain / increase production rates while at the same time optimising soil conditions for a full range of soil organisms to strengthen soil health and return balance to soils for a long term benefits?

NutriSoil (LS) Liquid Spray is the leachate from a vermiculture (worm) soil system which is moisture / temperature controlled for the maximum survival of worms and other macro / micro-organisms.

The system is fed high levels of nutrient blends from organic animal, plant and ocean sources with crushed minerals, seaweed, fishmeal, dolomite lime, rock phosphate, humic acid and other natural ingredients.

Worms and other soil organisms convert them into a full range of 100 percent plant available plant food rich in natural soil bacteria.

If you would like to know more about how to achieve high yields with naturally balanced healthy soils contact NutriSoil on 02 6020 WORM (9676) or visit [www.nutrisoil.com.au](http://www.nutrisoil.com.au). Free trial programs are available.