Nutrition farming

with Graeme Sait

Soil health and your wealth

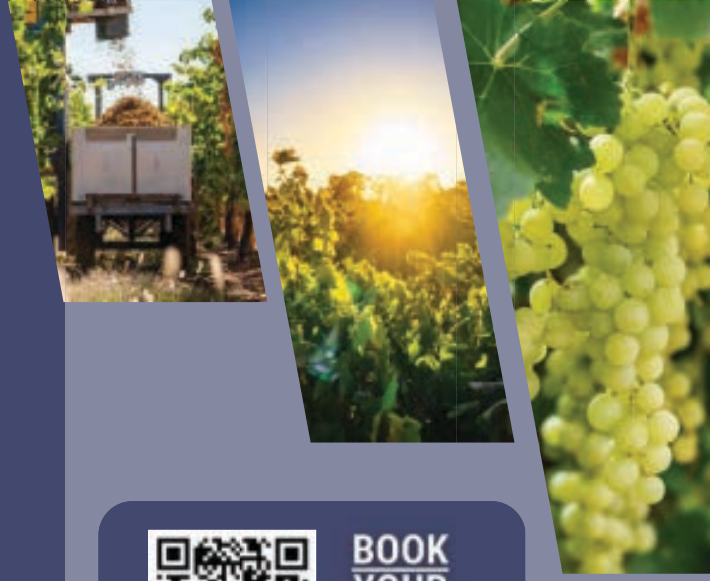
10-12 June, 2025, in Mildura

Cost: $200 per person, includes two days of workshops, one practical day, refreshments and lunch for all days.

More details and booking form available at
driedfruitsaustralia.org.au/events

Presented by
driedfruits australia

This course is normally delivered in Queensland and is being brought to Mildura at a heavily subsided rate.



BOOK YOUR SPOT HERE!

DAY ONE

The Regenerative Revolution. Recognising the change drivers - realising the change makers:
In this introductory presentation, you will discover the mechanics of a more sustainable, more profitable approach.

Carbon capture - the multiple benefits of harnessing humus:
Humus (organic matter) has recently been recognised as the single most important driver of farm profitability. It is a win-win situation when you are about to be paid for something which makes you more productive. Learn key strategies to protect and create soil humus and you will better understand why organic matter really matters.

Calcium, boron, silica - building the protective platform:
Calcium is immeasurably important in crop nutrition, but it is negatively impacted on multiple fronts. Boron is the trace mineral powerhouse that also allows calcium to perform its many roles. Silica is the cell-strengthening immune elicitor that works in concert with calcium and boron for crop protection, quality and resilience. Here you will learn multiple strategies to manage this trio.

Microbe management - understanding your invisible workforce:
Most things you do on the farm will impact your microbe workforce. The goal here is to make that impact more positive than negative. Discover the key players in the soil food web and how they are best managed. Foliar Feeding – Problem solving and fast-tracking productivity with the direct route: Foliar feeding offers 10-12 times more efficiency with nutrient delivery. Discover how, when, and why you can use foliar to great effect.

The magic and myth of cover cropping:
Learn why multi-species cover-cropping has gained such global popularity in such a short time. The most important principle in nature is biodiversity. Nature loves "the more the merrier". Our choice to grow monocultures is actually scientifically flawed.

Nutrition farming essentials - seven key inputs for the regenerative farm:
Humates, kelp, amino acids, micronised minerals, triacontanol, wood vinegar and compost extracts are fertility building essentials. Discover how and why to use these tools.

DAY TWO

NPK revelations:
The most misused and abused trio in agriculture is hugely important. Often this abuse fuels more chemical requirements, so there is great value in improving NPK management. In this informative session you will discover the secrets of how to better utilize NPK to optimise efficiency and profit.

Microbial inoculums – DIY living fertiliser:
Discover how to multiply or extract key microbial workers to boost yield, manage disease, and improve soil health. Learn the dynamics of BAM, compost extracts, DIY trichoderma, bacillus blends, protozoa brews and on-farm manufacture of trichoderma.

Understanding your soil test:
Your soil is the essence of your business success and it is critical that you know how to read and interpret your soil test. Blindly accepting advice from those with vested interests, is not a good plan. Here you will understand key terms, ideal levels, suitable correctives, and you will learn how to program your own soil and crop nutrition.

Trace mineral magic:
Gain invaluable insights into the key roles of the seven trace minerals. Learn how best to address imbalances and the respective value of various application techniques (seed treatment, foliar, fertigation etc).

Mineral management and disease – getting back to root causes:
The ongoing treatment of symptoms is a hiding to nothing. You will discover that many diseases and pests have a nutrition link – that's why we call it nutrition farming. Solve the problem, reduce your stress, and increase your productivity.

Task-specific inoculums:
Microbial inoculums can solve many of our issues, ranging from disease, soil structure, nitrogen supply and even insect management. Learn how to use these problem-solving microbes and, when and why to use them.

Where to from here:
Key tips to begin your regenerative journey, and Q&A.

DAY THREE – PRACTICAL: HOW TO DO IT

In field crop monitoring:
Precision nutrition can be enhanced with the use of hand-held mineral meters, refractometers, sap pH meters, penetrometers, EC meters etc. Discover the dynamics of these feedback tools, and how to interpret readings.

Microbe monitoring:
Learn how to use a microbiometer effectively to measure the size of your microbial workforce, the quality of compost, the relative success of DIY microbe multiplication and the all-important, fertility parameter – the fungi to bacteria ratio.

Compost making:
Discover the mechanics of making your own, high-quality compost – both aerobic and anaerobic.

DIY pest protection:
Trichoderma predates upon 30 major plant diseases. Learn how to multiply this organism on-farm, to seriously reduce input costs.

Making a Johnson/Su Bioreactor:
Discover how to create this simple reactor on farm to create super productive fungal diversity.

Soil test and tissue test interpretation:
We will be considering soil and leaf tests from the farm where the workshop is conducted. An explanation of what these results mean, and how to address any imbalance, should be productive for all.

The dynamics of aerobic microbe brewing:
Learn how to safely and efficiently multiply broad spectrum, or task specific microbial inoculums.

Anaerobic brewing:
Beneficial anaerobes can fix nitrogen, build humus, solubilize phosphorous and protect from disease. They can be inexpensively multiplied on farm and they have a very long shelf-life, which makes them extremely user friendly.

Creating a protozoa tea:
Protozoa are key players in the soil food web but they have often been compromised by farm chemicals. Discover what you can gain if you repopulate your soil with these workers.

Grow your own fantastic fungi:
Learn the strategies to grow your own inoculums of creatures like AMF and trichoderma.

Understanding microbe management:
There are now a wide range of microbial problem solvers that can address most issues. Understand the potential of these tools in regenerative agriculture.