



Nutri-Tech Solutions®



Soil Health is Your Wealth – By Graeme Sait

Profit Building with Minerals, Microbes and Humus – 3 Day Course

Workshop Program – Day 1

9:00 – 10:00	The Regenerative Revolution - Recognizing the change drivers – realizing the change makers. In this introductory presentation, you will discover the mechanics of a more sustainable, more profitable approach.
10:00 – 11:00	Carbon Capture – the multiple benefits of harnessing humus Humus (organic matter) has recently been recognized 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.
11:00 – 11:30	Morning Tea
11:30 – 12:30	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.
12:30 – 13:30	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.
13:30 – 14:30	Lunch
14:30 – 15:30	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.
15:30 – 16:30	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 bio-diversity. Nature loves “the more the merrier”. Our choice to grow monocultures is actually scientifically flawed.
16:30 – 17:00	Afternoon Tea
17:00 – 18:00	Nutrition Farming Essentials – 7 key inputs for the regenerative farm. Humates, kelp, amino acids, micronized minerals, triacontanol, wood vinegar and compost extracts are fertility building essentials. Discover how and why to use these tools.

Workshop Program – Day 2

9:00 – 10:00	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 optimize efficiency and profit.
10:00 – 11:00	Microbial Inoculums – DIY Living Fertilizer 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.
11:00 – 11:30	Morning tea
11:30 – 12:30	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.
12:30 – 13:30	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. i.e. seed treatment, foliar, fertigation etc.
13:30 – 14:30	Lunch
14:30 – 15:30	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!
15:30 – 16:30	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 utilize these problem-solving microbes and, when and why to use them.
16:30 – 17:00	Afternoon Tea
17:00 – 18:00	Where to from here... Key tips to begin your regenerative journey - Q&A

The “How to Do It Day” - On-Farm, Practical Demonstrations of Key Regenerative Principles and Tools

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.
Morning Tea
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.
Lunch
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.
Afternoon Tea
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