



# The NTS Certificate in Nutrition Farming®

Don't miss this life-changing 4-day seminar led by internationally acclaimed soil health specialist, **Graeme Sait**. Learn cutting-edge strategies to improve the health of your farm, your planet and yourself.

**Seminar Date:** Tuesday 24th – Friday 27th August, 2021 Presented by Willarra Gold



## Graeme Sait

Graeme Sait is the CEO and co-founder of Nutri-Tech Solutions (NTS), a world leader in regenerative agriculture. Graeme is a specialist agronomist in sustainable and regenerative agriculture, plant nutrition and human health, and has advised and educated government, agronomists, and farmers in more than 20 countries. Graeme hosts the [Nutrition Farming Podcast](#), and is the author of the [Nutrition Matters](#) blog and popular book, *Nutrition Rules!*. He created the internationally acclaimed NTS Certificate in Nutrition Farming®, and is a sought-after speaker on advanced soil health, plant health and animal health. More recently, that emphasis has expanded to include planetary health in recognition of the link between humus and carbon sequestration.

Graeme has had a major impact influencing farmers, consultants, governments and key decision makers in Canada, USA, Mexico, Brazil, Europe, Asia, India and of course, Australia and New Zealand (his home country). **Watch Graeme's talk on 'Humus – the essential ingredient':** <https://youtu.be/8Q1VnwcPw7E>.

**Bookings are Essential**  
Register Today →

**Cost:** \$880 (incl. GST)

**Date:** 24th – 27th August, 2021

**Time:** 8:00am – 4:30pm

**Location:** Manjimup Wellness and  
Respite Community Centre  
1a Edwards Street, Manjimup WA 6258

**Full catering provided for the 4 days**  
(please advise dietary requirements)

**Optional Networking Dinner** featuring  
industry representatives with keen focus  
on regenerative agriculture:  
Wednesday 25th August, 5pm-9pm at Tall  
Timber's Brewery. \$20 per head paid on  
the night includes pizza and shared food.

**To Register Contact NTS Customer  
Service:** 07 5472 9900  
[sales@nutri-tech.com.au](mailto:sales@nutri-tech.com.au)





## Course Outline – The Certificate in Nutrition Farming®

### Day One

#### **Seminar 1 – The State of Play – Microbes, Minerals and Humus**

Introduction to Nutrition Farming®, including details of an emerging global biological revolution, the drivers for this change, core concepts in Nutrition Farming®, and the basics of balancing microbes, minerals and humus. Discover why Nutrition Farming® is the shape of the future.

#### **Seminar 2 – Calcium, Boron and Silicon**

Understand the significance of calcium, the single most important mineral for soil structure and plant resilience. Discover the critical influence of the two calcium synergists: boron and silicon.

#### **Seminar 3 – The Soil Foodweb**

Discover the basics of soil biology and become familiar with the key beneficials in the soil foodweb. Recognise seven reasons to bring back your earthworms to restore the missing link in soil productivity. Uncover the magic of mycorrhizal fungi and discover how to regenerate and replace your greatest ally.

#### **Seminar 4 – Magnesium and Sulfur**

Understand the significance of these minerals in soil, animal and human health. Magnesium is the central molecule in chlorophyll, the factory for the building block of all life. Sulfur is magnesium's sidekick and will also be discussed in depth.

#### **Demonstration – Specialist Inocula & Compost Tea**

In this comprehensive demonstration, we will unmask everything you need to know about brewing beneficial microbes. Learn invaluable skills to create your own living fertilisers.

#### **Seminar 5 – Mastering Micronutrients**

Unveiling the tricks to trace mineral nutrition in the soil, plants, animals and humans.

#### **Workshop – Who Am I?**

A team exercise to identify key microbes and their role in the soil food webs.

#### **Seminar 6 – Missing Minerals**

In our first foray into Human Health, we will consider the critical importance of the four minerals that are most often missing. These include magnesium, zinc, selenium and iodine.



  
**Nutrition  
Farming®**



## Course Outline – The Certificate in Nutrition Farming®

### Day Two

#### **Seminar 1 – Harnessing Humus & Understanding Humates**

Discover the multiple benefits of nurturing your hidden workforce, and how this can reduce your chemical bill. Realise the huge potential of humic and fulvic acid in addressing many of the problems in modern Agriculture.

#### **Seminar 2 – Potassium and Sodium Management**

Potassium is the second most abundant mineral in the plant and is the nutrient that has most impact upon plant yield. Sodium excess is often a problem. Learn how to manage both minerals more efficiently.

#### **Seminar 3 – Plant Therapy and The Big Four**

Discover the hows and whys of leaf tissue testing. Learn about The Big Four elements that will assist you to optimise plant yield and quality.

#### **Seminar 4 – The Dynamics of Nitrogen**

Nitrogen is the most abundant mineral in the plant and also the most mismanaged. It is a major contributor to greenhouse gases and waterway contamination, which is why we must learn to manage this mineral more effectively.

#### **Seminar 5 – Phosphorus – The Energy Mineral**

This seminar covers the soil and plant dynamics of phosphorus. This mineral is a key player in photosynthesis, disease protection and the flavour of fresh food.

#### **Workshop – Nutrient Deficiencies**

A team exercise to identify key nutrient deficiency symptoms in different crops.

#### **Seminar 6 – Foliar Fertilising**

At one point, foliar nutrition was largely practiced by those involved in intensive horticulture. This application technique is now emerging as a powerful strategy in all forms of agriculture. Understand the rationale for this change and discover all the tips and strategies to ensure maximum foliar success & productivity.

#### **Seminar 7 – Soil Therapy™ – Understanding your Soil Test**

It is hugely important that you understand your own soils, when this is the primary driver of your success. In this invaluable segment you will learn about key mineral ratios, relationships between minerals and the most cost-effective corrections. You will also be provided with guidelines for DIY nutrition programming.

#### **Seminar 8 – Human Microbe Management**

The 30-foot tube that is your digestive tract houses multiple microbes that determine your immunity, nutrition and wellness. Also learn to make your own super-protective, fermented food.



**Nutrition  
Farming®**



## Course Outline – The Certificate in Nutrition Farming®

### Day Three

#### **Seminar 1 – The Anthropocene**

In this presentation we will consider the role of agriculture in climate change, the urgency of a viable game-plan to address global warming and the powerful link between soil biology and planetary health.

#### **Seminar 2 – Chelation, Fulvic and Growth Promotants**

Chelation increases mineral performance, and fulvic acid is the most powerful natural chelating agent. Recognise an intriguing group of natural plant growth promotants that can maximise plant yield, quality and resilience.

#### **Seminar 3 – Seed Treatment and Liquid Inject**

Seed treatment and liquid inject offer an invaluable kick-start for all crops. Understand the most productive inputs for seed treatment, and liquid inject strategies.

#### **Seminar 4 – The Art & Science of Composting**

Composting can be one of our biggest contributions to building soil fertility, while also addressing the spectre of global warming. Discover the art and science of composting in this compelling presentation.

#### **Seminar 5 – Seven Life-Changing Strategies (Part 1)**

This two-part seminar features cutting-edge research and strategies to ensure a longer, healthier, happier life. Healthy farms need healthy farmers and these two invaluable presentations are designed to achieve that goal. The first seminar explores diet discoveries, blood pressure and pathways to peace and happiness.

#### **Seminar 6 – IPM and Disease Management**

Integrated pest management is a proven science to reduce the need for toxic chemicals. In this presentation, we will reveal the intricacies of insect behaviour and how we can work with this system to minimise problems. You will also come to know the nature of many of the key soil and plant pathogens and how to manage them successfully without resorting to chemicals.

#### **Seminar 7 – The Magic and Myth of Cover Cropping**

Cover cropping has become a phenomenon in regenerative agriculture. Discover several reasons to cover crop, six core strategies for success, glyphosate issues, including case studies.



**Nutrition  
Farming®**



## Course Outline – The Certificate in Nutrition Farming®

### Day Four

#### **Seminar 1 – Weed Management**

Weeds are very often a symptom of soil problems and we can return to the root of the problem, rather than poisoning our soils by treating symptoms.

#### **Seminar 2 – Monitoring Tools**

In this segment, you will discover the many benefits of in-field monitoring. Testing plant sap with a variety of hand-held monitoring tools can give you a much greater insight into the requirements of your crop. This allows the precision nutrition that is the essence of the Nutrition Farming® approach. Fingertip control of nutrition provides greater yields and less pest pressure.

#### **Workshop – Who Done It?**

Monitoring tool game.

#### **Seminar 3 – Seven Life-Changing Strategies (Part 2)**

The second part of this presentation covers key wellness strategies including longevity exercises, food and supplement choices and stress reduction techniques.

#### **Seminar 4 – Nutrition as Pest Management**

Integrated pest management is a proven science to reduce the need for toxic chemicals. In this presentation, we will reveal the intricacies of insect behaviour and how we can work with this system to minimise problems. You will also come to know the nature of many of the key soil and plant pathogens and how to manage them successfully without resorting to chemicals.

#### **Seminar 5 – Nutrition Farming® Anecdotes**

Discover how previous attendees have addressed their problems and hopefully you will be inspired to apply the principles you have just learned in your own farms, gardens and lives.

#### **Workshop – Where To From Here?**

Breakout session with Graeme and the agronomists to discuss ways to get you started on your Nutrition Farming® journey.

#### **Q & A Session**

Graeme and co-presenter, NTS Agronomist Marco, answer any questions you might have at the end of the course.

#### **Bookings are Essential – Register Now!**

[www.nutri-tech.com.au/course](http://www.nutri-tech.com.au/course)

