



# The Certificate in Nutrition Farming®

## Day One

### **Seminar 1 – Mineral Management**

Introduction to Nutrition Farming®, including the drivers for the need for change, core concepts, the basics of mineral balancing and the rationale for the biological approach – 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 and 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 – Potassium and Sodium**

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 6 – Mastering Micro-Nutrients**

Unveiling the links 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 web.

### **Seminar 7 – 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, silicon and iodine.

***Welcome Drinks and Refreshments at NTS***



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### Day Two

#### **Seminar 1 – Microbe Management & 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 – 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 – 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 4 – Phosphorus**

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 5 – Seed Treatment, Liquid Inject and Foliar**

Seed treatment and liquid inject offer an invaluable kick-start for all crops, and foliar fertilising provides a direct nutrition route into the plant.

#### **Workshop – Soil Therapy**

Learn how to interpret a soil test. Recognise key mineral ratios and identify appropriate inputs best suited to your enterprise.

#### **Seminar 6 – Human Microbe Management**

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



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### Day Three – ON FARM

#### **Worm Farms & Composting**

Composting can be one of our biggest and most cost-effective contributions to building soil fertility. Discover the art and science of composting in this hands-on workshop.

#### **Guest Speaker – TBA**

#### **Humic Acid vs Fulvic Acid**

Discover more about the intricacies of humic and fulvic acids, and learn how and why to use these invaluable inputs.

#### **Microbial Inocula**

A more in depth look at specific microbe groups and how they can benefit you.

*Lunch – Enjoy a delicious lunch prepared with local produce.*

#### **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.

#### **Plant Therapy Workshop – Discover “The Big Four”**

Discover how to interpret leaf test results and how to choose the correct inputs to optimise your crop quality and yield.



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### Day Four

#### **Seminar 1 – Humus Saves the World**

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 – 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 3 – 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.

#### **Guest Speaker – TBA**

First hand experiences of successful, sustainable farming transformations.

#### **Seminar 4 – 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.

#### **Seminar 5 – Where Do I Start?**

Graeme will offer some simple ideas and examples to get you started on your Nutrition Farming journey.



  
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### Day Five – HUMAN HEALTH

#### Seven Life-Changing Strategies

Two 90-minute presentations that feature 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. [Click here for more information.](#)

*Consults with Agronomists by prior appointment  
(Available to Certificate in Nutrition Farming® attendees only)*

**Bookings are Essential – Register Now**

**Cost (Full 5-Day Course): \$799**

**Cost (Single Day, Days 1 – 4): \$199**

**Cost (Single Day, Day 5): \$80**



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