



## The Certificate in Nutrition Farming®

### Day One

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

Introduction to Biological Agriculture, 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 Silica**

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 silica.

#### **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 – 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, silica and iodine.

#### **Seminar 5 – On-farm Composting Workshop**

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 hands-on workshop on our NTS research farm.



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### Day Two

#### **Seminar 1 – Nitrogen and Sulfur**

Nitrogen is the most abundant mineral in the plant and also the most mismanaged. It is a major contributor to greenhouse gases and we can manage this mineral much more effectively. Sulfur is nitrogen's sidekick and both minerals will be discussed in depth during this fascinating presentation.

#### **Seminar 2 – Microbe Management**

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

#### **Seminar 3 – Phosphorus**

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

#### **Seminar 4 – Magnesium**

Understand the significance of this mineral in soil, animal and human health. Magnesium is the central molecule in chlorophyll, the factory for the building block of all life.

#### **Seminar 5 – Potassium and Sodium**

Potassium is the second most abundant mineral in the plant and it 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 tricks to trace mineral nutrition in the soil, plants, animals and humans.

#### **Seminar 7 – Human Microbe Management**

In this fascinating presentation, you will recognise the desperate need to nurture our life within. 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

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

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

#### **Seminar 2 – Reclaiming Wellness (Part 1)**

In this stimulating seminar, you will discover the secrets of sleep, strategies to nurture the prostate gland, strategies to reclaim optimum blood pressure and the tricks to balance your hormones and avoid the issues relative to endocrine disruption.

#### **Seminar 3 – Reclaiming Wellness (Part 2)**

Here, we will reveal multiple strategies to ensure a happier, healthier, longer life. The importance of detox, sugar management, the good fats, green smoothies and meditation strategies will be discussed.

#### **Seminar 4 – Seed Treatment, Liquid Inject and Foliar**

Seed treatment offers an invaluable kick-start for all crops and foliar fertilising provides a direct nutrition route into the plant. Learn the key factors for successful foliar nutrition.

#### **Seminar 5 – Plant Therapy and the Big Four**

Determine the secrets of leaf analysis interpretation and build your growing skills. Discover the 4 key minerals that determine yield and how to manage them most effectively.

#### **Seminar 6 – On-farm Microbe Brewing Workshop**

In this hands-on workshop, we will unmask everything you need to know about brewing beneficial microbes. Learn invaluable skills to create your own living fertilisers. Discover the potential of specialist, problem-solving inocula and broad spectrum inocula like compost tea.

#### **Seminar 7 – On-farm Monitoring Tools Workshop**

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.



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### Day Four

#### **Seminar 1 – Reclaiming Wellness (Part 3)**

In the final part of this series, we will look at issues like fighting free radicals, antioxidant superfoods, countering inflammation, the power of intent and the links between emotions, health and happiness. Understand how negative thoughts can sabotage your life and discover the science behind positive thinking.

#### **Seminar 2 – The Magic and Myth of Cover Cropping**

Cover cropping has become a phenomenon in regenerative agriculture. There is now a whole new science surrounding this practice. Discover the seven reasons to cover crop, six core strategies for success, glyphosate issues and consider some illuminating case studies.

#### **Seminar 3 – 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 4 – Guest Speaker Ian Burrow**

Ian Burrow is an accomplished Nutrition Farmer from the Gold Coast Hinterland. He has practiced functional diversity and enhanced profitability on his multi-faceted property. Ian's presentation will cover his experience with monitoring tools, leaf testing, field broadcasters and the joys of diversity.

#### **Seminar 5 – On-farm Soil Health Monitoring and Building Crop Resilience**

There are no magic bullets in building a pest-resistant soil and plant. In this important presentation, we will uncover the five strategies that determine resilience. Understand how mineral balance, cell strength, managing photosynthesis and immune elicitation can reduce the need for chemicals.



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### Day Five

#### **Seminar 1 – Weed Management**

Many growers believe they are shackled to the herbicide rig. In this illuminating segment, you will discover that this is not the case. 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 – Disease Management**

Learn about the nature of many of the key soil and plant pathogens and how to manage them successfully without resorting to chemicals.

#### **Seminar 3 – IPM and ID of Pests**

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.

#### **Seminar 4 – Human Health Workshop**

Here, the results of your hair tests and other health indicators will be revealed, and you will be given a game-plan to move towards a healthier, happier, life.

#### **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.

**Bookings are Essential – Register Now**

**Cost (Full 5-Day Course): \$899**

**Cost (Single Day): \$199**



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