



Goondwindi 25th & 26th November Biloela 1st & 2nd December Soil & Plant Nutrition

With Bart Davidson - BioNutrient Solutions

Cutting edge 2 day soil & plant management workshop for the 21st Century



Overview

This will be one of the most inspirational soil and plant workshops you will ever attend. You will find answers to many of the questions which have confused and frustrated you in the past. Learn about the connection between soils, plants, nutrient cycling, microbes and your management from one of the industries most knowledgeable presenters with real hands on skills.



Who would benefit

Anyone who directly or indirectly is linked to primary production including: the families of farming, cropping & grazing enterprises; resellers; industry representatives; extension staff; research, technical and scientific officers.

Learning outcomes

- Read and interpret soil tests
- Monitor and understand crop and pasture health
- Implement a best practice monitoring program for soil, crop and pastures
- Increase the efficiency of your fertiliser program and practices
- Identify the interactions between soil and plants, biology and nutrients
- Identify the three phases of plant growth in crops and pasture that make the money
- and how to maximise them
- Improve the biological health of your soils
- Understand the interactions between soil and plants, biology and nutrients



Presenter

Bart Davidson

Bart is a biologically grounded agronomist based in Moree, NSW and specialises in developing solutions for farmers passionate about improving productivity and profits. He has a broad range of experience working across cropping, horticulture and grazing regions, with a focus on understanding soils and plants.

His role with Bio Nutrient Solutions has enabled him to specialise in improving fertility by managing nutrient balance and microbial activity. Bart has developed a broad range of experience within Biological farming working in the Organic Certification industry, as an independent consultant and operating his own Certified Organic property



Farm Ready approved course



You may be eligible for up to 100% reimbursement of course costs through the Farm Ready program.



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Testimonials

“Finally, I have been able to talk to someone who had a handle on conventional vs alternative farming ideas – Bart knows how to converse in all languages and keep an open mind on the way ahead.”

Layton Free, Clifton, Qld

“This workshop has given me a greater knowledge of the interaction between soil nutrients and plant growth, and their end effect on crop quality and yield. I gained a much better understanding of the numbers, ratios and abbreviations

that make up a soil test and what they really mean in the field. The workshop was thorough, well presented and easy to follow. It gave me a true understanding of what it means to find worms in the paddock - not just so your husband can go fishing!”

Georgie Krieg, Brookstead, Qld.

“Bart has done a great job in transferring his knowledge to us all - We now know what to look for in our soil and how to move forward to have biological samples and sap samples to benchmark and improve soil health.”

David Jones, Comet, Qld.

“I had a real change of paradigm - The course was bloody great and it really shifted my attitude to soil health and managing grass.”

Glen Williams, Jericho, Qld

“It has inspired me to take the first step towards change - I now know how important critters are in the soil and how to manage them. We will be using soil

and tissue tests to understand which inputs to get the best results from.”

Lindsay Evans, Oakey, Qld

Workshop program

Day One
Introduction – The last 50 years
Biology/ chemistry/ structure
Pastures and crops are plants
Cation exchange (soil battery)
pH management (plant role)
Calcium/ Magnesium
Nutrient balance
Understanding a soil test
Balancing nutrients
Balancing microbes
Soil health products
Compost/ Extracts/ Teas/ food sources
Nutrients vs biology
Case studies


Day Two
Farm Visit – Practical
Soil structure – rhizosphere / roots / microbes
Plant health vs soil health
pH testing
Penetrometer – compaction
Refractometer – Brix reading
Soil Testing - Soil coring / depth/ how to
Application Techniques
Sap and tissue sampling
Nutrient balancing - during growth phases
Soil amendments – where to start
Hard vs soft fertilisers
NIRS Sampling
Application techniques – Easy Flow
Where to from here? – Best Practice Groups

Workshop details:

What: Soil and Plant Nutrition 2 day soil and plant management workshop.

When: Goondiwindi - 25th & 26th November
Biloela - 1st and 2nd December

Duration: 2 days | 8.30am to 5.30pm

Farm Ready 
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Booking information

Booking is essential as demand is high and we have a limited number of places. To make an enquiry or to secure your place please phone Cathe on 07 4938 3919 or email mick@grazingbestprac.com.au.