Soil & Plant Nutrition

With Bart Davidson - BioNutrient Solutions

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

FARM READY APPROVED COURSE

Limited Numbers - Bookings Essential

Please ring for more information & to book.

Phone:- Noela on 07 4938 3919

Grazing BestPrac
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g.bp grazing bestprac

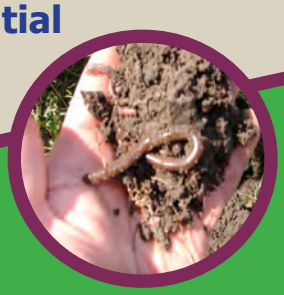
BioNutrient Solutions™ Carbon Farming Systems®

You will learn to:

- Read and interpret soil tests
- Monitor and understand crop and pasture health
- Implement a best practice monitoring program for soil, crop & pastures
- Increase the efficiency of your fertiliser program and practices
- Understand the interactions between soil and plants, biology and nutrients
- Identify the three phases of plant growth in grains 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

Toowoomba 19th & 20th July
Biloela 2nd & 3rd August
Bundaberg 12th & 13th August

This is a **Farm Ready** Approved Course. You may be eligible for up to 100% Reimbursement of course costs through the Farm Ready program. Bookings Essential



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Workshop Program – Day One (8.30am – 5.30pm)

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.

Workshop Program – Day Two (8.30am – 5.30pm)

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 Evaluation.

"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**

Presenter: - Bart Davidson

Bart is a biologically grounded agronomist based in Moree, NSW and specialises in developing solutions for farmers pasionate 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.