

AUGUST 2019

VEGETABLE CROP NUTRITION MASTERCLASS

The Vegetable Crop Nutrition Masterclass (1.5 days) is for vegetable growers and agronomists. It will provide you with the knowledge and principles to assist you in developing and managing crop nutrition programs on your farms.

The program is at a Masterclass level, so you need to have at least a basic level of understanding of crop nutrition and its management. You will:

- ✓ Learn about the latest technologies, tools and approaches for managing crop nutrition
- ✓ Gain an in-depth understanding of how to manage crop nutrition in challenging growing conditions and how to deal with crop stress and variability in paddocks.
- ✓ Have an opportunity to network with presenters, guest speakers and peers.

WHY

Do you want to build on your knowledge of crop nutrition? Do you want to better understand the interactions between soil, water and plants?

Our aim is to challenge and inspire all involved to make changes to their thinking and practices.

OUTCOME

After the 1.5-day vegetable nutrition masterclass, you will be more aware of new technologies, tools and approaches to manage the nutrition of vegetable crops on your farm. You will understand more about how to manage crop nutrition in challenging growing conditions and how to deal with crop stress and variability in paddocks and crops.

The masterclass facilitators will create an environment for learning and sharing information. Expect to share your knowledge and thoughts with others as well as gain new insights yourself.

WHEN

Tues 13 August & Wed 14 August 2019 (1.5-day masterclass)

WHERE

**Taylors Lakes Hotel, 7 Melton Hwy
Taylors Lakes, Melbourne VIC 3038**

HOW

To register your interest **please complete this Expression of Interest form** by Friday 3 August 2019: <https://www.surveymonkey.com/r/ZHDR33Q>

Limited to 30 participants

LIST OF POTENTIAL TOPICS

Day 1 Tuesday 13th August 9:00 am - 5:00 pm

SESSIONS	DETAILS
Maintain your soil in good condition	How you can maintain and improve soil quality and condition through good nutrient management
Nutrient and fertiliser information	How to get reliable information on what works in different circumstances and what may not be a good choice
How to choose the right fertilizer	What's new and best for you? What form of nitrogen, potassium and phosphorus? Liquid, foliar, granular, slow release, principles of hydroponics. How do you decide?
Specialised application techniques	Fertigation, specialised application methods for strip tillage and correct placement of fertilisers.
Soil amendments	What are soil amendments and how should they be used? Agricultural lime, burnt lime, pelletised, banding, gypsums. Lime quality. Stratification (incorporation & placement i.e. deep banding if needed).
Cover crops	How they change your nutrient program. Biofumigants, legumes, grasses/cereals, broadleaves, mixed species. Understand nutrient cycling, how to manage nutrient tie-up and release and legumes; and how to consider this into your nutrition program.
Interactions between nutrients and other factors	Competition, synergies, nutrient cycling
Dealing with difficult growing conditions and crops stress	<p>What nutrition-related tools are available for dealing with difficult growing conditions and crops stress e.g.</p> <ul style="list-style-type: none"> • Salinity and poor water quality: How does salinity and irrigation water quality affect nutrient management. Tools and management options to mitigate the effects. • Weather related stress especially heat and low water supply: how can nutrition help to minimise the effects? • In field variability (e.g. due to soil or irrigation): how to identify it and - should you fix it and if yes, what and how?
Monitoring and improving your nutrient programs	How to use soil, plant and water testing to improve, and get the most out of, your nutrition program. How to use crop removal information and tools.
Precision agriculture applications	Tools to understand your soil and crop variability. How to use this information to deliver economic benefits – e.g. variable rate technology. Tim Neale - DataFarming, Precision Agriculture TBC

Day 2 Wednesday 14th August 8:00 am - 12:00 pm

SESSIONS	DETAILS
Grower success stories	Two prominent vegetable producers will take you through how they approached a crop nutrition management challenge, how they learned about crop nutrition and the approaches that they currently use.
Use what you have learned and develop a nutrition management program	Work with your colleagues and peers in groups, using your knowledge and new information from Day 1 to formulate a practical nutrition management program for your business. Broaden your approaches and introduce new thinking to maximise crop quality, yield and uniformity while keeping input costs to a minimum.
Present your nutrition management program	Discuss your program and approaches with the wider group and learn from each other!
Wrap up	An opportunity to reflect on the masterclass and consider where to next.

VEGETABLE
CROP
NUTRITION
MASTERCLASS
2019
PRESENTERS



Dr Doris Blaesing is an Associate with RMCG with extensive knowledge and experience in integrated crop management, plant nutrition and soil health, both, from a scientific and practical perspective. During her career she has also worked in the post farm gate sector (e.g. business development, postharvest management, food safety and QA, teaching and training). Prior to consulting Doris worked as lecturer, researcher (University, government and private provider), in soil and plant analytical services and as horticulture manager in an export business.



Dr Gordon Rogers is Principal of Applied Horticultural Research (AHR) and adjunct Professor of Horticulture with the University of Sydney. He has a degree in production horticulture (vegetables) and a PhD in plant physiology (crop nutrition). His current focus is on extension and research in soil health, vegetable agronomy, crop physiology and the development of sustainable crop production systems. He established AHR in 1996 to help provide practical solutions for the horticulture industry in Australia and overseas using research-based information.



Marc Hinderager has extensive agronomic experience in Australia and overseas, having worked with Elders, PFC Ag and other fertiliser and grain businesses, and JR Simplot in Idaho and China. He is a Certified Crop Advisor for the American Society of Agronomy, and a member of Nutrient Advantage and AgSafe.



Bruce Scott is a horticulturalist with specialist skills in soil science and plant nutrition. He is National Fertiliser Agronomist with EE Muir & Son and regularly visits most horticultural areas in Australia. Bruce has extensive experience in practical crop nutrition management in horticulture. He uses soil, plant, rootzone solution and water testing to make decisions about site and crop specific programs. The aim is to maximise quality and yield.

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PLACES STRICTLY LIMITED

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VENUE

Taylor's Lakes Hotel, 7 Melton Hwy
Taylor's Lakes, Melbourne VIC 3038

03 9217 9500
functions@taylorlakeshotel.com.au
www.taylorlakeshotel.com.au

ACCOMMODATION

The hotel has offered a corporate discount rate to attendees - just mention the Vegetable Crop Nutrition Masterclass when booking your accommodation.

03 9217 9500
reception@taylorlakeshotel.com.au
www.taylorlakeshotel.com.au

TRANSPORTATION

Melbourne Airport is approximately 5.5 kms from the hotel. Melbourne's Essendon Fields Airport is approximately 9.5 kms from the hotel. Free private parking is available at the hotel.

REGISTRATION

This masterclass is free to vegetable levy payers and their advisors. Please note accommodation is not included.

