Fertilizer 2015 Customer Service:
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Fertilizer 2015 — MANDURAH

Sebel Hotel at Mandjar Bay
Tuesday September 29

08:30 – 10:00  AFSA Board (Board Members)
10:30 – 12:00  AFSA Board (Board Members)
13:00 – 15:00  AFSA AGM and Member Forum (AFSA Members)
14:00 – 16:30  Fertilizer Australia Board
17:00 – 18:00  Fertilizer Australia AGM and Member Forum (Fertilizer Australia Members)
18:30 – 20:30  Welcome Reception Cruise

Drinks with dolphins anyone? Our two hour welcome cruise includes drinks and canapés, and if we are lucky, dolphins.

Vessels depart from the boardwalk, a short walk past the Performing Arts Centre.

Please be ready to board no later than 18:15, boats leave at 18:30.

Wednesday September 30

Session 1  Fertilizer and Markets
08:30 – 10:00

10:00 – 10:30  Morning Tea
Thanks to our sponsor:

Session 2  Business and Technology
10:30 – 12:00

12:00 – 13:30  Lunch
Thanks to our sponsor: Arthur J. Gallagher
Session 3 | Nutrition
---|---
13:30 – 15:00
15:00 – 15:30 | Afternoon Tea
Thanks to our sponsor: [Compass Minerals](#)

Session 4 | Fetcare and Policy
---|---
15:30 – 17:00
18:30 – 23:00 | Conference Dinner
Travel on the water to the Mandurah Ocean Fishing and Sailing Club for a wonderful night of entertainment, awards and fellowship.

Vessels depart from the boardwalk, a short walk past the Performing Arts Centre. Please be ready to board no later than 18:00, boats leave at 18:15.

Thursday October 1

Session 5 | Business and Services
---|---
08:30 – 10:00
10:00 – 10:30 | Morning Tea
Thanks to our sponsor: [Compass Minerals](#)

Session 6 | Soils - GMO - Policy
---|---
10:30 – 12:00
12:00 – 13:00 | Lunch
Thanks to our sponsor: [Arthur J. Gallagher](#)

12:45 – 18:00 | Field trip – Nutrient Management in the Peel Harvey - Compost - Brewing
Get a real appreciation for the environmental issues in the Peel Harvey catchment, starting at the Dawesville Channel, built to help flush the lagoon. See best practice in practice on dairy and beef producer’s farms, managing nutrients and using soil ameliorants.

A fascinating tour of large scale compost production will then wet your thirst for a visit to Mandurah’s own craft brewery.

Busses depart from outside The Sebel at 12:45.
We know how important product quality is to WA farmers. So while we’re always looking for ways to improve, our commitment to quality will never change, whether it’s in our products, our recommendations or our service. To find out more visit csbp-fertilisers.com.au
SESSION 1  Wednesday September 30
Fertilizer and Markets
08:30 - 10:00

08:40
Mr Chris Moore
Wespac Regional General Manager,
Agribusiness WA

Economics and Agriculture
What’s happening in the economy and how will it affect farmers.

Chris has been in banking with Westpac for over 25 years, with the past 14 years working in the WA Agribusiness Sector. 10 years ago he took on the role as Regional Manager for the Wheat-belt and in that time oversaw Westpac’s response to the 2010 drought and subsequent years of financial hardship experienced by a large number of farmers.

12 months ago, Chris assumed the role of Regional General Manager for Agribusiness WA, bringing that consistency of approach across the entire state. Chris is passionate about the future of West Australian Agriculture, over the years working with industry on things like Crop Insurance and re-establishing a degree qualification at the Muresk Institute.

Currently Chris carries that passion into his roles as Chair of the ‘Agribusiness Client Council’ and ‘Agribusiness Banking Alliance’.

09:00
Philip Sewell
CRU The Independent Authority,
Business Development Manager

Market Outlook
What are the factors driving fertilizer markets and what is the outlook. CRU are a leading commodity analyst covering fertilizers, mining and metals. This market overview will look at fertilizer supply and demand factors that will affect the Australian market.

Philip has been involved in commodity analysis for 30 years, of which 25 has been with the CRU Group.

Philip joined CRU in London in 1986. He came to Australia in 1996 joining NM Rothschild in their corporate advisory team, before re-joining CRU in their Sydney office in 2002. Since then he has been responsible for the company’s business development throughout Australia, New Zealand and South East Asia.

Philip maintains close contact with CRU’s fertilizer team of 25 analysts and most Australasian fertilizer manufacturers and has been involved with many of the new proposed fertilizer projects in the region. He has degrees in mining engineering, economics and finance.
Wes Wheelhouse
Wheelhouse Group,
Southern Region Fertilizer Manager

Market Information – Manage Risk and Grow Profit
Understanding likely movements in international fertilizer pricing and the impacts in Australia is an important input in managing risk and profitability. The AFSA Market Package from CRU provides members with a significant discount on a comprehensive package of high quality market information. The experience of a number of AFSA members who use the system will be discussed as well as some key market trend information.

Wes is Manager Fertiliser Southern Region for AGnVET Services and Manager Wheelhouse Group, an AGnVET Services business. Until February 2015 Wes was the Managing Director of Wheelhouse Group a fertiliser reseller and services business based in Bridgewater in Central Victoria, in February 2015 Wheelhouse Group was acquired by AGnVET Services. Wes is a past Victorian and National president of the Australian Fertiliser Services Association (AFSA) and has held a position on the Fertiliser Australia board and is a current director on the AFSA board.

Simon Skevington
Project Director, Water for Food,
Department of Water W.A.

Northern Promise?
Is all the talk about agriculture in the North a real opportunity, or just pie in the Northern Sky?

Dr Bryson Bates
CSIRO Oceans and Atmosphere,
Chief Research Scientist

Climate Change Protections
CSIRO and the Bureau of Meteorology have released climate change projections for Australia that provide updated national and regional information on how the climate may change to the end of the 21st century. The projections are the most comprehensive ever released for Australia and have been prepared with an emphasis on informing impact assessment and planning in the natural resource management sector. Information has been drawn from simulations based on up to 40 global climate models.

Bryson is a Chief Research Scientist with CSIRO Oceans and Atmosphere. He was a Theme Leader for the Climate Adaptation Flagship from 2008 to 2013, and the Director of CSIRO's Climate Program from 2004 to 2006. He received a certificate of recognition for his contribution to the 2007 Nobel Peace Prize awarded to the IPCC and Al Gore. Bryson is a Fellow of the Institution of Engineers Australia and an Adjunct Professor at the University of Adelaide. His research interests are focused mainly on weather and climate extremes.
SESSION 2  Wednesday September 30  
Business and Technology  
10:30 - 12:00

10:35  
Dr Steve Phillips  
International Plant Nutrition Institute,  
Director North American Program  

**Precision Ag - Ideas to Reality**  
Precision agriculture (PA) in the USA has been on a steady increase for several years. Early technologies like GPS guidance are standard on most new equipment. Geo-referenced soil sampling is no longer a “premium” service, but business as usual. Rapidly adopted technologies like auto-guidance and section controllers don’t depend on site-specific information to return value to the user. Data-driven technologies like VRT prescriptions, remote sensing imagery, and crop sensors have typically been slower to be adopted. This presentation will look at the current PA use and adoption trends in the USA and the top technologies to watch for the future.

Steve is North American Director for the International Plant Nutrition Institute (IPNI). Steve’s duties include development and dissemination of educational materials, with a focus on precision agriculture. He currently serves as chair of the IPNI international workgroup on precision agriculture, the annual InfoAg Conference, and the A to Z track for practitioners at the International Conference on Precision Agriculture. Prior to joining IPNI in 2007, Steve was Associate Professor of soil fertility and plant nutrition at Virginia Tech, USA. Steve holds M.S. and Ph.D. degrees from Oklahoma State University.

10:50  
Dr Doris Blaesing  
RM Consulting Group,  
Associate Principal  

**Understanding Manures and Composts**  
Composted organic materials from sources, such as farm, food and green wastes, manures, and municipal sludges (biosolids), are used as organic fertilisers and soil conditioners. Manures may be used without composting. Potential benefits: carbon and nutrient supply; improvement of soil structure, water, air and nutrient holding capacity, microbial activity and diversity, root growth and disease suppression and crop resilience.

Challenges: variability, using too much, high C/N uncontrolled release of N and P, unbalanced nutrition and pH.

Problems: poor composting materials, unspecified feed-stocks and treatment, environmental effects, feed and food safety issues, potential contaminants

Use compost produced under the Australian Standard AS 4454 (2012).

Doris is Associate Principal with RMCG. She has extensive experience in managing RD&E, resource management and strategic agricultural and horticultural projects. Doris majored in soil science at Hannover University, Germany and conducted postdoc studies at the Macaulay Land Use Research Institute in Aberdeen, Scotland. Doris has extensive knowledge and experience in integrated soil and crop health management, both from a scientific and practical perspective. During her career she has also often worked with a focus on the post farm gate sector (e.g. business development, postharvest management, food safety). Prior to consulting Doris worked as lecturer, researcher (University, government and private provider), and as horticulture manager in an export business.
Andrew Horabin
Professional Speaker, Facilitator, Author and Comedian

Bullshift
How much more effective could we be if our team members, colleagues and managers were all able to be open and honest and talk straight to each other? Imagine if we could give and receive feedback? Imagine the increased energy and the saving of time and money. This hilarious, interactive session explains the practical things we can do to shift the bull.

Over 22 years, Andrew has worked with big and small business, Government departments, local councils, professional associations and NGO’s across Australia and overseas – with groups and audiences totaling hundreds of thousands of people. He has trained state, federal and international police, including undercover officers, surveillance operatives, informant handlers, intel analysts and senior managers of serious crime – working with police from 40 countries. Andrew is the author of three corporate books: THE LISTENING KING, LOSE THE TEENAGE FACE and BULLSHIFT.

Sponsor: Yargus
Dr Clemens Scheer  
Institute for Future Environments,  
Queensland University of Technology, Senior Lecturer

**Minimizing Gaseous Losses of Nitrogen**
Fertiliser nitrogen use in Australia increased from 330 Gg N in 1980s to 960 Gg N in 21st century. However, fertiliser nitrogen applied to soil is often not used efficiently, and the plant uptake is often < 50% of the total nitrogen applied. One of the main reasons for the poor efficiency of fertiliser nitrogen use is that much of the nitrogen applied is lost from the plant–soil system via gaseous N losses. The talk will present case studies from different cropping systems across Australia; discuss the factors affecting gaseous losses and review strategies to reduce nitrogen losses from cropping soils.

Clemens is a senior researcher and lecturer at the Queensland University of Technology. His expertise lies in the impact of land-use change and agricultural management on the biosphere-atmosphere exchange of carbon (C) and nitrogen (N) trace gases and characterization of microbial processes involved in C and N turnover in soils. During his PhD he studied soil C and N fluxes in irrigated cotton growing areas of the Aral Sea Basin, Uzbekistan. His current research is focusing on greenhouse gas emissions from agricultural systems in Australia with the aim to reduce N2O emissions and increase N uses efficiency from different farming systems.

Mr James Easton  
CSBP

**Banding K Significantly Increases K Use Efficiency**
Responses to potassium (K) in crops have become increasingly widespread. Recent trials have shown the importance of K fertilisers to yield and quality, and better results from banding K at seeding. Increased removal from more intensive cropping and movement (or removal) of stubble has increased the need for K, while drier seasons have reduced the effectiveness of top-dressed potash. More recent trials have shown an increased need for banding K on medium soil types.

James believes CSBP’s trial program makes an important contribution to the Industry by highlighting opportunities for more effective fertiliser use - driving better outcomes for both farmers and the environment. James has been with CSBP since 1988 and after having started out in CSBP’s Field Research Team, he now manages the Company’s trial program. He had an eight year stint working as an Area Manager and Agronomist in the North Eastern wheat belt, and then four years as the District Agronomist for the South.

Mr Chris Gazey  
Department of Agriculture and Food

**Lime and P - Lime**
Chris has worked on acidity management for just over 20 years at the Department of Agriculture and Food, Western Australia. His work identified the pros and cons of managing soil acidity and inevitably moved to promoting the use of agricultural lime to treat acidic soils. More recently he managed projects to raise growers’ awareness of the severity and extent of soil acidity in WA through soil sampling to depth and associated workshops. He currently manages two GRDC funded projects to continue extension and research into innovative ways to treat subsurface acidity more quickly.
**Dr Andreas Neuhaus**  
CSBP,  
Senior Data Analyst/Modeller (Agronomy)

**Lime and P - Phosphorous**  
Excess phosphorous (P) can contribute to environmental damage. Insufficient quantities can limit productivity and profitability on farms. How do we find the right balance? CSBP uses a scientific approach to give site specific P recommendations based on interpreted soil tests using data from local field research trials. Various factors that influence the crop response to P have been tested to incorporate the science into CSBPs decision support system (DSS). Furthermore CSBP developed a low water soluble P fertiliser to address the risk of P leaching. The DSS with its recommended products is delivered by trained advisors and is independently audited.

Andreas is currently CSBP’s data analyst/modeller (agronomy), who is responsible for the development and maintenance of the CSBP decision support tool. This tool, called NUlogic, is used by about 120 advisors in WA to improve soil and plant nutrition for broad-acre crops and pastures to improve sustainable productivity and profitability on farms. NUlogic generates annually about 60 000 recommendations from soil tests and about 10 000 - 20 000 recommendations from plant tests, depending on the season. During his seven years in this role, through analysing current local trial data, Andreas has continued to improve NUlogic.

**Craig Scanion**  
Department of Agriculture and Food,  
Research Officer

**Lime and P - The Full Story**  
Craig will be presenting work he has completed with his colleagues at DAFWA on the interaction between soil pH and crop response to P fertiliser. He will be sharing some insights into the type of interactions that have been observed in WA and in other environments and the factors that can make these interactions either very important or not important for the grain grower.

Craig is a research officer with the Department of Agriculture and Food Western Australia and his work focusses on the interaction between soils and plants. Craig has a PhD in soil physics which focussed on the physical interactions between plants and soils and his current work is on the interactions between soil constraints and crop response to fertilisers.

**Sponsor: Summit Fertilizers**

**Sponsor: IRM**
Dr Melanie Strawbridge  
Department of Agriculture and Food WA,  
Director Land and Water Assessment - Irrigated Agriculture  

Policy Focus - Phosphorus in Water WA  
Increased nutrient input, particularly phosphorus, into the southern estuaries of Western Australia is causing decreasing water quality, which in turn effecting the aquatic environment and the amenity of the area. Excess nutrient run off comes from both urban and rural sources but rural fertiliser use is the larger problem. Soil testing has shown that in many cases more phosphorus is being applied than is required for optimum production. The State Government is working with catchment groups and industry to put in place strategies to address the issue and improve estuary health.

Melanie has worked for over 25 years in resource management, in both the private and public sector. She has experience in soil and water resource assessment, policy development and the management of large projects to achieve natural resource management outcomes that involve government, industry and landholders working in a coordinated way. Melanie is currently the Director of Land and Water Assessment in the Department of Agriculture and Food WA.

Ralph Papalia  
Summit Fertilizers,  
Business Manager – Bunbury Depot.

Dairy Farms - Objective Measurement - Responsible Fertiliser Use  
West Australian Dairies are farmed on a variety of soil types reflecting a diverse geological history. These geologically ancient weathered soils can be quite sandy in texture and by their nature can lose nutrients by surface run-off or to leaching into groundwater. Water from rivers in the dairy landscape feed into a number of estuaries, inlets and wetlands which are ecologically significant. Nutrients from Dairy farms, particularly N and P, can find their way into sensitive waterways unless mitigating practises are used. Summit Fertilizers are committed to BMP’s for their clients that reduce the risk of Nutrient movement into waterways. Objective measurement plays a big part in achieving BMP’s.

Ralph was brought up on a Dairy farm in the South West of Western Australia. Graduated from the University of Western Australia Worked for 11 years in broad acre Agronomy based at Geraldton for Government Agencies and Private Enterprise. Then Summit Fertilizers for 8 years as the Business manager for the South West Region. This work includes managing Depot operations as well as advising Summit clients including Dairy, Beef, Horticulture and Cropping. I have a strong interest in BMP’s on Dairy farms and fertiliser management. Involved in the grazing steering committee for the Fertiliser Action plan and the Greener Pastures Project at Vasse Research Station.
Mr Peter Mc Ewen

Fertcare WA
Nutrient issues in the waterways of the Swan Coastal Plain are strongly linked to agriculture and fertilizer use. The Fertcare Program enabled the Fertilizer Industry to become fully engaged in helping to develop and implement sound public policy to manage the issue.

Peter was Chairman of Fertilizer Australia (then called FIFA) in 2006 when the then Labour Minister for the Environment declared that water soluble fertilizer would be phased out in Western Australia. As Managing Director of Summit Fertilizers he also had a very direct interest in the outcomes.

Dr Melanie Strawbridge
Department of Agriculture and Food,
Director Land and Water Assessment - Irrigated Agriculture

Fertcare 10th Anniversary
The Department of Agriculture and Food in WA have supported the Fertcare program with Ministerial Launches, technical input and support for training and spreader testing. Today they help us celebrate the 10th Anniversary of Fertcare by presenting the Fertcare Champion of the Decade – Western region.

Spring nitrogen investment can produce big pasture payback

Every kilogram of nitrogen you apply in the warming months of spring produces more incremental dry matter than at any other time of year (see Fig. 1). But N response and demands can vary considerably throughout spring. So getting the right fertiliser plan in place for the coming season is vital.

Pasture payback takes careful planning
Your optimal spring N plan can vary widely based on seasonal factors - on the condition of your paddocks – and on your unique production targets. It needs to be proactive and take into account a host of factors including:

1. **Pasture species** Targeting improved species largely free of disease, pests and weeds.
2. **Species density** Avoiding over-investment in low-density swards where dry matter production is limited.
3. **Soil nutrient status** Correcting deficiencies in other nutrients that affect N uptake.
4. **Available moisture** Tailoring fertiliser application to take best advantage of residual soil moisture and expected rainfall.

**CHOICE OF FERTILISER IS VITAL TOO**

| WHEN      | CONDITIONS       | CONSIDER
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<td>LATE: mid-late Sept-Oct onward</td>
<td>Warming, less predictable rainfall, higher volatilisation risk. Usually surplus feed, but fodder conservation may be curtailed. Objective: to protect N investment from volatilisation loss.</td>
<td>Green Boosta range® Incorporating Green Urea WPI® More stable form of nitrogen to reduce risk of volatilisation.</td>
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**DATA FROM THIS TRIAL SHOWS THE SHARP INCREASE IN YIELD ACHIEVED WITH INCREASING RATES OF N APPLICATION IN EARLY SPRING - AND THE EVEN SHARPER JUMP LATER IN THE SEASON. THIS DEMONSTRATES THAT DRY MATTER RESPONSES CAN BE MAXIMISED AT DIFFERENT TIMES OF THE YEAR.**

![Figure 1: Nitrogen impact on dry matter production, by season](image)


* Actual results may vary. Factors such as weather and environmental conditions, soil conditions and other variables will impact the results growers achieve.

**WANT TO LIFIT YOUR N GAME?** Speak with your IPF representative about the special offers available on Cal-Gran® and the GreenBoosta™ range this spring.
Mr Graeme McConnell
Planfarm Pty Ltd,
Farm Management Consultant

Bankwest Farmer Benchmark
The Planfarm Bankwest Benchmarks report is the largest of its kind in Australia. It provides valuable information about the financial and production performance of Western Australian broad acre farm businesses.

Graeme is from a farming family and maintains an active interest in the family farming business in Dandaragan, Western Australia. After studying Graeme joined BankWest (Then R&I Bank) as a rural consultant and spent the next eight years working throughout much of WA although mostly through the Central, Eastern and Northern wheatbelts. Graeme's role with BankWest included training new rural managers, assisting with larger and more complex client businesses, assisting those businesses with financial difficulties, and property valuation.

Graeme was also the driving force behind the design of the ‘BankWest Benchmarks’ - client analysis that provided clients feedback on their production and business performance. Graeme joined Planfarm in 1999 and has been working with clients in the Central and Eastern wheatbelt since that time.

WHS Monitor
MSDS.COM.AU

WHS Monitor - Health and Safety System for You?
MSDS.COM.AU is an industry leader in the areas of chemical management and workplace safety, providing cutting edge, innovative and practical solutions. Over the last 19 years MSDS.COM.AU has provided market leading product support, chemical and agricultural databases and safety management systems to tens of thousands of users.

MSDS.COM.AU will be presenting WHS Monitor - a modular, cloud-based Work Health and Safety compliance management system.

WHS Monitor enables organisations to simply and effectively comply with their Health and Safety obligations. Based on our work with AFSA, the system is pre-filled with approved documentation making WHS Management simple and effective for any organisation size.
Ms Amy Wyer
AFSA NSW, Secretary
and
Rod Abbott
AFSA National President

WHS Monitor - Case Study AFSA Member
Amy and Rod will discuss the progress made with their member trials and outline the benefits of the WHS system to their companies. Each will give examples of how the system has improved certain aspects of their management of WHS and how it could potentially minimise risk not only for their own businesses but for the association as a whole.

For the past two years Amy has been Secretary of the NSW AFSA Branch whilst also working full time for the past 12 months with family owned business, Fertspread. Having completed Commerce at ANU in Canberra and majoring in Business Information Systems, Amy’s background in IT solutions has proved valuable to the WHS Monitor Project. Amy has chaired the project at a national level and hopes to see it through to its successful completion.

Rod is the principal of Korumburra Lime & Spreading, a full service fertiliser dealership. It services a high rainfall pasture area, dairy and beef with some horticulture.

Previously Rod spent 14 years working for Hifert. His duties were agronomic services and market development. In 1989 Rod encouraged Hifert to join the AFSA. Since then, Rod has filled leadership roles at local, state and national level, including six years as National President and a director of Fertilizer Australia

Rod has been a member of the Fertcare Management Committee since 2004, he is also a member of the Fertcare Carbon Farming Extension Project Advisory Committee.

Mr Chris Harris
Youth Focus,
Psychologist, Clinical Services Manager

Mental Health in Rural Communities
As Clinical Services Manager at Youth Focus, Chris leads a multidisciplinary team of mental health professional. The team provides free, unlimited and expert individual and family counselling services to young people aged 12-25 who may be suffering from depression, anxiety, self-harm or experiencing suicidal ideation.

Chris is currently embarking on a Psychiatry PhD at UWA investigating differences in gender and also brain activity in young people who attempt suicide. counselling and other mental health services. Chris is committed to helping young people, their families, and communities address and overcome mental illness. He has held key leadership roles for more than 25 years in the clinical environment in the public health sector, including the establishment of the PMH Eating Disorder Program in 1996 and holding the position of Coordinator of Clinical Services until his move to Youth Focus in July 2012. Chris was also involved in establishing the Saint John of God, Raphael Centre for Perinatal Mental Health Care in 2002, and continues consulting as a Psychologist with the service.
Mr Sam Taylor
agVivo,
Consultant

Fert$mart WA
The FertSmart program encompasses the dairy industry’s national nutrient management guidelines, developed to improve the efficiency and profitability of fertiliser use, and to improve soil health on Australian dairy farms.

Sam is an agronomist with extensive experience in providing technical advice on crops and pastures, grazing systems, fertiliser management and animal production. Strong empathy with his client’s business requirements has seen Sam forge long term client relationships over 15 years of research and commercial agronomy. As Dairy Australia’s Land, Water and Carbon Consultant in Western Australia, Sam provides technical direction for the Fert$mart program. Sam has a B.Bus. (Ag).

Dr Ross Brennan
Department of Agriculture and Food,
Principal Research Officer

Micronutrients
Micronutrients still play an important role in grain production in WA. Both foliar sprays and liquid micronutrients are very effective in correcting micronutrient deficiency. Foliar application of Copper and Zinc is an emergency procedure where the deficiency in cereals has been observed (visual symptoms) or diagnosed by plant analysis. Since micronutrient sprays are inexpensive and give satisfactory results, the least expensive source per unit of micronutrient are usually recommended in cereal growing districts of WA.

Ross is currently based in Albany, working on a range of plant nutrition type projects of both macro and micronutrients, mainly funded by GRDC. Ross has been involved in research on the interactions between nutrient and cereal root diseases. The “waves” in wheat crops following windrowed and burnt canola stubble involved nutrient omission type experiments to successfully elucidate the problem. Presently, Ross is part of three GRDC projects funded under More Profit from Crop Nutrition Mark 2 including the micronutrient project.
Liam Ryan  
Department of Agriculture WA,  
Development Officer

Delving, Claying, Ploughing - Soils aint Soils  
Strategic tillage is becoming increasingly common in the West Australian grain-belt to help ameliorate soil constraints such as water repellence and soil compaction and/or to incorporate lime to depth. The impacts of these and others practices, such as claying and clay delving, on nutrient re-distribution and availability will be considered, along with issues to consider when soil sampling ameliorated profiles.

Liam works in soil management and crop nutrition as a Development Officer with the Department of Agriculture and Food, Western Australia. He holds a B.A (Communication Studies) and a B.Sc Hons (Agricultural Science) from UWA.

Dr Michael Jones  
Murdoch University,  
Professor of Agricultural Biotechnology

50 Shades of GMOs – Facts and Issues  
It’s a strange paradox: the less precise a technology, the less it is regulated; conversely, the more knowledge and hard science that underlies a technology, the more it is regulated. Common sense would dictate exactly the opposite. What does GMO mean, what is or is not genetically modified, and does it really matter? What are the benefits of GMOs and what’s in the pipeline? Can we separate facts from ideology? These issues will be addressed.

Michael has a Degree in Biochemistry and a PhD in Plant Biochemistry from Cambridge University; held Postdoctoral positions in the USA, Australia and Cambridge. Employment at the Welsh Plant Breeding Station and Rothamsted Research was followed in 1990 as Head of Plant Sciences at Murdoch University. He is Professor of Agricultural Biotechnology, and Director of WA State Agricultural Biotechnology Centre. He was on the Commonwealth Government ‘Agricultural Biotechnology Advisory Council’ for 5 years, and was awarded the Murdoch University Research Medal in 2006. He has published 250 scientific papers and gained $35 million in research funding. Current research is in the application of biotechnology to control crop pests and diseases.

Mr Jeff Kraak  
Fertilizer Australia,  
Program Manager

Fertcare Carbon Farming  
The Fertcare Carbon Farming Extension Project is helping people provide soil management, and fertilizer advice which not only drives productivity, profitability and increased nutrient use efficiency, but also integrates relevant considerations on greenhouse gas management into their recommendations. As the project enters the latter part of its life, this short presentation will provide an overview of why greenhouse gas management is likely to be a topic most of us are involved with for the remainder of our working lives, some of the recent changes in policy and a summary of the key project resources available for advisors and industry people.

Jeff grew up on a farm in Bundaberg, Queensland and followed his interest in soils and plants by studying at Queensland Agricultural College. Jeff has a long history in the Australian fertilizer industry in a range of sales, marketing and technical support roles. A large proportion of his professional life was spent with Incitec. Having worked across much of eastern Australia, Jeff has had exposure to industries such as sugar cane, horticulture, grains and intensive pasture. Jeff is now part of Fertilizer Australia. His main area of responsibility is to manage the industry’s environment and food safety stewardship program, Fertcare.

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growth doesn’t happen by accident

Instinct says: 
we need the right mix of elements

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Wolf Trax DDP Nutrients
Coating every fertiliser prill results in dramatically improved distribution of the micronutrient.

Granular Micronutrient
Traditional granular application results in sparse and inconsistent distribution of the micronutrient.

EvenCoat™ Technology
EvenCoat™ Technology allows the nutrient to thoroughly and evenly coat each prill of dry fertiliser in a blend, ensuring nutrients are distributed throughout the root zone and providing up to 50 times the interception points for easier and earlier access to nutrients.

PlantActiv™ Formulation
Wolf Trax DDP Nutrients are chemically and physically designed for better availability to plants. The unique formulation helps nutrients avoid soil tie-up and remain plant-available longer.

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Are you utilising your soil health to improve your profitability?

> Do you have water management issues?
> Is your soil leaching valuable nutrients?
> Do you have disease problems?

If you have said yes to at least one of those questions, C-Wise can develop solutions to unlock your soil potential.

We have a team of Soil carbon agronomists who can help you improve your soil health and productivity.

Please contact Michaela Tibi on 0409 299 545 or michaela.tibi@cwise.com.au for more details

www.cwise.com.au
Fertiliser is an important part of Australian agriculture. We've been a proud partner of the Australian Fertiliser Services Association (AFSA) for over 25 years now. Our in-depth knowledge of the industry allows us to provide you with guidance to what your optimum fertiliser risk management and insurance solution should be.

Our specialist insurance brokers can help you whether your needs are specific to the transport, storage or use of fertiliser, or insurance for the machinery employed in fertiliser application.

Give our team a call today for an insurance solution best fit for your business, farm, garage or depot.

Fertiliser Made Easy
Impact Fertilisers provides local, in field service to distributors and growers in Eastern Australia. We advise on fertiliser use and offer proactive, friendly after sales support.

It is easy to do business with Impact Fertilisers.

www.impactfert.com.au
Customer Service 1800 88 44 88
Koch Fertilizer, LLC and its affiliates have created one of the world’s largest and most diverse supply, storage and distribution systems of fertilizer products. Producing, marketing and distributing more than 13 million tons of fertilizer products annually.

As part of this global network, Koch Fertilizer Australia helps lower costs, manage risk and improve efficiency for customers.

Global view backed up by local knowledge.

www.kochfertaustralia.com
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IRM offers quality WesternStandard Ammonium Sulphate and WesternPremium Granular Ammonium Sulphate made in WA for the Australian agricultural nutrition market.

We provide free flowing, conditioned, dry product from our terminals in Adelaide, Lara, Parkes and Kwinana for your customers to collect.

IRM has been selling Nitrogen Fertilizers to the world market for more than 30 years and over 10 years in Australia. We are here for the long haul to support your business.

For Enquiry please contact
IRM Sales:
Tel: 089 419 3355 or email: allkwinana@irm.com
Do you have water management issues?
Do you have disease problems?
If you have said yes to at least one of those questions, C-Wise can develop solutions to unlock your soil potential.
We have a team of Soil carbon agronomists who can help you improve your soil health and productivity.
Are you utilising your soil health to improve your profitability?