

BSM Pro Cotton Nutrition

BSM Pro Cotton Nutrition – Action Workshops

Our Action Workshops provide an opportunity for critical analysis of current challenges in soils/plant nutrition management, potential strategies and practical tactics to 'shift the profitability and soil health dial'.

These free-wheeling interactive discussions draw on independent, science-based and practical insights from a recognised industry leader in this field, Dr Chris Dowling, and are facilitated by Katy Lee.

The workshop targets early career agronomists with experience in cotton who are aiming for strong capabilities in this field or as a refresher for the 'seasoned professional' chasing continuous improvement.

Your Action Workshop includes:

- In-person workshop from 8:30am to 3:30pm
 - Group discussions to identify the specific constraints and concerns of the season and location
 - Creation of a cohort checklist to serve as training targets for the day
- A hard copy manual of PowerPoint slides and key reference material

The Action Workshop session is bundled with the following as BSM Pro Cotton Nutrition:

- 1 year subscription to [Tips & Tools](#)
- 1 year subscription to Cotton e-Library searchable reference
- 1 year individual mentoring support with Dr Chris Dowling
- **Price:** \$900ex GST per participant
- **Details & registration:** <https://www.backpaddock.com.au/bsm-cotton-nutrition/>

Please read below for additional topics, objectives and considerations for the Action Workshop and reference material included in this professional development option.

Potential Workshop Topics & Objectives

Potential Topics	Objectives and considerations
Exploring a soil fertility strategy management strategy.	- Consider strategic soils-nutrition management approaches/options to better manage profitability and soil health outcomes short-medium-longer term - Whole farm/paddock nutrient budget vs soil test status. Use of nutrient risk matrix.
Addressing soil and irrigation water constraints - Dispersive soils - Water quality - Acid soils	Understand factors influencing constraints & their impact Explore variables and strategies for addressing soil constraints. - Identify - Measure - Interpret - Treatment options
What do we know about phosphorus? - Irrigated - Dryland	- Phosphorus responsiveness /status – what's happening in field responses - Establish P strategy/tactics.
What do we know about potassium? - Irrigated - Dryland	- Potassium responsiveness /status - Establish K strategy/tactics.
Other nutrients	- Sulphur - Trace elements. - Biologicals
Nitrogen – season-long management - Irrigate - Dryland	- How good is current N management? - Where does soil testing fit in? - Where does cotton get N from? - What affects fertiliser uptake/ efficiency? - What are my main loss pathways? - Managing N fertiliser rates. - Monitoring and managing N in-crop
Manure in soils/nutrition programs	- Factors to consider in more managed inclusion - Tools / calculators – KAK Plan
Considerations for the use of EEF N product	- What are they & how do we fit EEFs into cotton N management? - What else is on the horizon?
Tools	BP Tips and Tools - KAK Plan - SodiCalc - Rotation - BP Quick Search Library – Cotton – what's in it, how to use. - BP SoilMate

Reference Material & eLibrary

- Introduction
- Nitrogen
- Phosphorus
- Potassium
- Sulphur
- Other major cations
- Trace elements
- Soil health & key biological interactions with nutrients
- Major soil constraints
- Soil, plant tissue and water sampling
- Pulling it all together

Please do not hesitate to contact the team for any further information. We look forward to working with you!

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