



BACK Paddock C O M P A N Y BSM Fundamentals

Back Paddock aims to equip junior and experienced agronomists with proven, high- quality soils- nutrition training and valued ongoing information connections, requirements for success in Australian agriculture.

We are here to support you with initial training, ongoing access to the most comprehensive online reference library, links to industry technical leaders in this field and updates to keep your 'finger on the pulse' with the latest scientific research and segment best practice.

BSM Fundamentals inc. Enviro

Key principles and processes for soil fertility and plant nutrition management. Environmental and product stewardship, assessment and management.

- Online, self-paced, start any time
- Fulfills training requirements for Fertcare Accredited Advisor eligibility.
- Includes 1 year subscription to SoilMate, [Tips & Tools](#) and BSM eLibrary
- **Price:** \$2000ex GST per participant
- **Details & registration:** <https://www.backpaddock.com.au/better-soils-management/>

See next pages for a breakdown of the excellent outcomes and opportunities to be found in BSM Fundamentals

Access & Inclusions

Back Paddock believe that professional development is a journey, not something that ends when you complete your first online training. Completing BSM Fundamentals inc Enviro gives you:

- Certificate of Completion for BSM Fundamentals inc Enviro
- 1yr subscription to our SoilMate product
- 1yr subscription to [Tips & Tools](#)
- 1yr subscription to BSM eLibrary
- Invitations to webinars and updates by BPC for 1yr



BACK PADDOCK
C O M P A N Y

BSM Fundamentals inc Enviro; the details

Overview

This will be the most informative soils management training you complete! We are passionate about providing you with the updated information and tools that you need to offer your client the best service and agronomic excellence possible.

At the end of this professional development opportunity you will have increased knowledge as well as the confidence in your skills to interpret data to provide effective solutions. This gives you greater ability to determine the needs of your client as well as recommend the right fertiliser at the right time so that your clients achieve the best results possible for the season. All too often the knowledge and skills to recommend fertilisers is not covered with conventional education and has to be acquired within the agricultural industry – the information in this course is constantly updated by independent industry experts who are passionate about sharing the knowledge. This training is available ONLINE at your convenience in a self-paced style.

Who would benefit?

- Advisors and Agronomists who have an industry-related tertiary qualification or a minimum of two years' experience in the field of fertilisers and fertiliser recommendations looking for a course that covers the in- depth knowledge in soils, plant nutrition and fertiliser/soil amendment technology.
- Staff wanting to advance their career towards the role of an agronomist.

Learning Outcomes

- Plant nutrition / physiology – how plants grow and how and when do plants take up nutrients and the effect this has on fertilizer practices including placement, timing and environmental outcomes
- Soil health – how do your soils stack up to soil health standards and what can be done at your local level to improve soil health and crop production
- Soil properties - how this is related to management and constraints on production and what can be done to maintain good soil properties at the local level
- Nutrients – understanding the role in plants, quantities required by plants, measuring plant available nutrients in the soil, efficiency of uptake and the fertilizers used to make up shortfalls
- Soil, water and plant tissue sampling – how sampling can help your clients' production and your business Understand the interpretation process for soil and plant analysis that is used in interpretive software programs such as in SoilMate - practice making competent fertiliser recommendations from soil and plant tissue tests
- Course Case Studies are marked and feedback given in accordance with Fertcare Auditing standards

About us

Back Paddock has been proudly delivering comprehensive and professional training programs for over 25 years and is broadly recognised for industry excellence in the field. We continuously update the information in our training packages with information vetted by our qualified industry experts, and ensure our self-paced online platform is engaging, simple to use and ready for you to learn at your convenience.

BSM Fundamentals inc Enviro – Reference Material & eLibrary

- Principles of plant growth & development
- Growing media fertility & productivity
- Soil, plant tissue and water sampling
- Soil constraints & amendments
- Soil carbon
- Nitrogen
- Phosphorus
- Potassium
- Sulphur
- Calcium & Magnesium
- Trace elements
- Principles for developing & presenting crop nutrition recommendations
- Nutrients & the environment
- Workplace health & safety for fertiliser use

Structure of each module:

- Industry importance, environment
- Nutrient cycles
- Behaviour in plants (includes deficiency symptoms)
- Behaviour in soil
- Interpretation requirements (through soil/plant analysis)
- Supply of nutrients / amendments

Assessment tasks

- Fundamentals Quiz
- Environmental assessment tasks
- Case study in SoilMate

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

Help Desk: 07 3220 2959

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