

ACID SOILS - SOUTHERN REGION

SOIL ACIDITY AND LIMING WORKSHOP

TUESDAY 26 MARCH 2024 - SPALDING



GRDC
ACID SOILS
SOUTHERN REGION



PHOTO: ANDREW HARDING, PIRSA.

Growers and advisers are invited to the 2024 Acid Soils - Southern Region workshop which will explore the management of surface and subsurface acidity, and consider liming management strategies for 2024.

Hear from leading experts on:

- The cause and effect of soil acidity
- Soil pH mapping and NDVI
- Lime sources and application rates
- Decision support tools
- Managing yield penalties from acid soils
- Incorporation options, with the opportunity to treat multiple constraints

The presenters will also provide an update on recent research results from current lime trials.

About the project:

Acid Soils - Southern Region is a collaborative project which provides resources, information and research updates to underpin best practice surface and subsurface soil acidity management in southern Australia (which includes South Australia, Victoria and Tasmania).

The project will generate new information regarding lime movement and effectiveness when applied to the surface of different soils and environments in modern farming systems. It will also work to identify, develop and validate novel acidity management practices such as lime forms, placement and incorporation methods.

For further information visit: www.acidsoilssa.com.au/

LOCATION

VENUE:

Spalding Community
Sports Complex,
SPALDING SA 5454

WHEN: Tuesday 26 March 2024

TIME: 9:00 am to 3:00 pm

Lunch and morning tea included. This is a free of charge event, note that registration is essential for catering purposes. There will also be a session at a local growers soil pit following the workshop. The location will be provided upon registration.

AGENDA

TIME	TITLE	PRESENTER
9.00 – 9.10 am	Introduction and house keeping	Brian Hughes Soils Team Leader, Soils Research and Extension. PIRSA-SARDI
9.10 – 9.40 am	Soil acidity: Background, Causes and Effects <ul style="list-style-type: none"> • Extent / Maps • Causes • Effects on nutrient availability and soil health • Surface and sub-surface • Sampling and monitoring 	Brian Hughes
9.40 – 10.00 am	Soil pH mapping / NDVI	Andrew Harding Research Scientist, Soil and Land Management, PIRSA-SARDI
10.00 am – 10.30 am	Lime sources <ul style="list-style-type: none"> • Sources / New sources • Application rates • Lime movement • New lime sources 	Andrew Harding Craig Davis Independent Agronomist, Director Crop Consulting Services
10.30 – 10.45 am	MORNING TEA BREAK	
10.45 – 11.15 am	Decision support models <ul style="list-style-type: none"> • Lime Cheque • Maintenance model 	Andrew Harding
11.15 am – 11.45 am	Key messages of current research trials	Brian Hughes
11.45 – 12.15 pm	New practices for measuring acidity and regional lime use and projected targets	Dr. Ruby Hume Department for Environment and Water
12.15 – 12.45 pm	LUNCH	
12.45 – 1.05 pm	Soil pH mapping experiences <ul style="list-style-type: none"> • Farmer experiences • pH mapping extent and severity 	Kym l'Anson Local farmer and Veris soil pH mapper
1.05 – 1.25 pm	pH mapping and variable rate systems	Michael Zwar Manager, Ag Tech services
1.25 – 1.45 pm	Up-date on top soil acid variability in the Upper North <ul style="list-style-type: none"> • Levels of variability results with grid mapping • Testing options 	David Oddie Area Manager, SA & Tasmania Precision Agriculture Mid North
1:45 - 2:05 pm	Managing acid soils using Precision Ag and VR <ul style="list-style-type: none"> • Lessons learned / management strategies and options 	Beth Humphris Agronomist, Elders
2.05 pm	Visit to local soil pit to view lime trials – location provided upon registration	Brian Hughes Andrew Harding Brianna Guidera Research Officer, PIRSA-SARDI Dane and Natalie Sommerville
3:00 pm	SUMMARY & CLOSE	

REGISTRATION



TO REGISTER CLICK HERE:

<https://soil-acidity-and-liming-workshop.eventbrite.com.au>

Registration is essential.

FURTHER INFORMATION

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