

# CARBON, FARMING AND PRODUCTIVITY

**Date:** 7th June 2023

**Venue:** Mudgegonga Hall

**Time:** 9.30 - 4.00 pm

**Cost:** \$30 Venue & catering

**Register at:** [events.humanitix.com/carbon-farming-productivity-field-day](https://events.humanitix.com/carbon-farming-productivity-field-day)

This field day will comprise some presentations at the Mudgegonga Hall and an afternoon in the paddock. The field day is designed to look at the practicalities of what farm emissions look like and what options there are for reducing them. Speakers will provide practical presentations on what levers you as farmers have to minimise your emissions footprint and access supply chains that are looking for low-emissions intensity produce.

Some case studies and practical information will be supplied so that you can go away and consider some of these opportunities in your operation. Many of the terms provided by the media will be demystified and discussed as part of the day. This day will discuss where things are up to with respect to farms and emissions, the day will provide a chance to understand some of the main themes around the topic.

## Understanding what a carbon footprint looks like

Julian Carroll - Stellar Livestock farm

## Carbon Neutral supply chains and being involved

Mark Ritchie - Delatite Station

## Genetics and opportunities to reduce emissions

Christian Duff: General manager of genetic improvement Angus Australia

## Understanding farm water storage

Greg Bekker - Agriculture Victoria

## Feed base pasture

Allen Newman - Barenbrug seeds

## Soil health and nutrition

Sue Briggs - CSBP labs

## Agriculture Victoria's On-Farm Emissions Action Plan Pilot

Brad Costin - Agriculture Victoria

**For more information contact Lachlan Campbell at [lachlan.campbell@necma.vic.gov.au](mailto:lachlan.campbell@necma.vic.gov.au) or 0400 852 452**

**This event is supported by the North East CMA and Agriculture Victoria, with funding from the Australian Government's National Landcare Program.**



**Allen Newman - Barenbrug**

Allen Newman is an experienced temperate pasture agronomist and researcher who has worked in this field for many years. He has been employed by Barenbrug (formerly Heritage Seeds) for 27 years focusing on research agronomy, R&D management and more recently in the breeding and development of Persian clover, Sub clover and Phalaris. Based at the company's research station at Howlong, Allen has a good understanding of the systems and issues that relate to grazing pastures in this part of the country.

**Christian Duff - Angus Australia // General Manager**

Angus Australia's General Manager of Genetic Improvement, Christian Duff said Angus Australia was focused on providing a world-leading genetic evaluation service to Angus breeders.

He supports the development of the TransTasman Angus Cattle Evaluation ensure the EBVs published for Angus animals continue to be the best possible estimate of an animal's breeding value, maximising the genetic improvement that is being achieved in Angus breeding programs.



**Julian Carroll - Stellar Livestock**

Julian is the principal of the seed stock enterprise Stellar Livestock and manager of the commercial enterprise "Round Hill" at Mudgegonga, comprising 350 Angus females producing steers for the EU feedlot market. He is passionate about employing the best practice farming systems and focus on the seed stock enterprise is on maternal efficiency and carcass quality. Julian is also Regional Chair for Southern Australia Livestock Research Council (SALRC) Central Victoria, tapping into a the diverse team of producer representatives and RD&E industry stakeholders who help set priorities for research and development in the livestock sector.



**Sue Briggs - CSBP Soil and Plant Analysis Laboratory // Agronomist / Service Specialist**

Sue is an Agronomist / Service Specialist for CSBP Soil and Plant Analysis Laboratory. She is based in North East Victoria and has been working for CSBP's Soil and Plant Analysis Laboratory since 2018. Sue provides technical support to new and existing customers on test selection and sampling guidelines.

She also promotes and provides support for CSBP DecipherAg, a free web-based program that helps manage soil and plant sampling jobs, collect and georeference sample sites, and submit sample data directly to CSBP Lab using DecipherAg mobile.



**Mark Ritchie - Delatite Station // Farmer and Senior Advisor**

Mark and his wife Fenella have been running the family grazing enterprise on Delatite Station, Mansfield since 1990. They operate on 2,600 ha running two enterprises, a self-replacing flock of fine wool merinos and a self-replacing, spring calving herd of Angus cows.

Mark holds a Bachelor of Applied Science in computing and since coming back on the farm he and Fenella have run a profitable business based on an ability to identify risks and develop management strategies to deal with them, whilst continually focusing on the main goal of improving productivity through evidence-based decision making and the adoption of new technology.



**Greg Bekker & Brad Costin - Department of Energy, Environment & Climate Action (Agriculture Victoria)**

Greg is a farm water technical specialist having previously worked as a dairy farmer and farm manager in northern Victoria. He has also provided stock containment area advice throughout previous droughts to help farmers manage seasonal risk. Greg has a deep understanding of farm water assessment and the strategies to support on farm change.

Brad Costin has delivered across various projects in land management and climate change in central and north eastern Victoria. The On-Farm Emissions Action Plan Pilot will work with up to 250 farm businesses across the state to measure their on-farm emissions profile and identify potential actions to manage and reduce emissions while maintaining productivity and profitability. Brad's talk will provide an update and some case studies on the project of which Julian's farm is a part of.







National Landcare Program



AGRICULTURE VICTORIA



NORTH EAST CATCHMENT MANAGEMENT AUTHORITY



STELLAR LIVESTOCK

Delatite Station



Angus AUSTRALIA



BARENBRUG



SOIL AND PLANT ANALYSIS LABORATORY

# Carbon, Farming and Productivity Field Day

Wednesday, 7 June • 9.30am – 4.00pm  
Mudgegonga Public Hall • 1395  
Myrtleford-Yackandandah Rd, Mudgegonga;  
then on-farm • 1.5km up Switchback Rd

This event is supported by the North East CMA and Agriculture Victoria, with funding from the Australian Government's National Landcare Program.

TIME	SPEAKER	DETAILS
9.25am	<b>Katie Warner</b> CEO - North East CMA	Welcome, acknowledgment of country and importance of emissions in agriculture
9.30am	<b>Brad Costin</b> DEECA (Agriculture Victoria)	Agriculture Victoria's On-Farm Emissions Action Plan pilot
9.50am	<b>Julian Carroll</b> Stellar Livestock	PRODUCER'S PERSPECTIVE Understanding what a carbon footprint looks like
10.15am	<b>Mark Ritchie</b> Delatite Station	PRODUCER'S PERSPECTIVE Carbon neutral supply chains and being involved
<b>10.40am</b>	<b>MORNING TEA</b>	
11am	<b>Christian Duff</b> Angus Australia	RESEARCHER'S PERSPECTIVE Genetics and opportunities to reduce emissions
11.30am	<b>Allan Newman</b> Barenbrug	RESEARCHER'S PERSPECTIVE Feed base pasture opportunities to improve productivity
12 noon	<b>Sue Briggs</b> CSBP	Soil health and nutrition to improve productivity and reduce emissions intensity
<b>12.30pm</b>	<b>LUNCH</b>	

Please turn over for afternoon details





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TIME	SPEAKER	DETAILS
1.20pm	<b>Greg Bekker</b> DEECA (Agriculture Victoria)	Field day - 1.5km up Switchback Rd Understanding and managing farm water storage under climate change and reduced emissions
2.20pm	<b>Julian Carroll, Christian Duff, Allan Newman, Sue Briggs, Mark Ritchie and Brad Costin</b>	Farm Walk and livestock inspection
3.30pm	<b>FINISH</b>	

