

UNFS UPDATE



Upper North Farming Systems Newsletter

June 2021

A season start that required all the tools in the toolbox.

Ruth Sommerville, Executive Officer

What a start to the 2021 growing season it has been. The summer that never wanted to end! Rainfalls have been hit and miss and many are still scratching their heads over whether to sow, what to sow, what to feed sheep and how to manage the upcoming season. At this point the greatest advice I've heard from farmers is to just keep talking. Chew it over with the neighbours, chat to your advisors, seek out as many opinions and options as you can and somewhere in the mix will come out a brew for you and your farm. Remember to reach out to our team if you think there is a topic we should be tracking down a presenter for or a project that we need to be focusing on. Hub reps are always keen for your suggestions as are our team of staff! Internally at UNFS we are setting up to partner in the delivery of the new SA Drought Resilience Adoption and Innovation Hub and we see this year as a prime example of why we need to be continually striving for improved resilience in our farming systems, landscape, business structure and of course our people and communities. We are excited to see what the program brings to the region over the coming 4 years with the hub based in Orreroo and some fantastic partners involved.

We are going through some staffing changes at the moment as our Engagement Coordinator Denni Agnew has decided a full time role was necessary and has been successful in finding one closer to home and in her field of community engagement. We wish Denni all the best for the future and are grateful for her input over the past 12 months.

We would like to take the opportunity to welcome Morgan McCallum to the team in a slightly modified role of Engagement Coordinator and Project Officer. Morgan will begin with the group at the end of the month and you will all get to meet her at our many upcoming Spring events! Morgan is returning home for the role, originally from Booleroo Centre, after spending the past 18 months at Minnipa working with SARDI. She has a degree in Animal Science and will help us to deliver some great projects on the horizon with a livestock and pasture management focus. Welcome to the team Morgan!

On that note...there is so much info available in the newsletter on upcoming events and our projects...happy reading!



2021 Annual Members Expo and AGM

To be followed by

UNFS 20th Anniversary Dinner

Thursday 5th August 2021.

Please save this date in your diary!!

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Upper North Farming Systems Sheep Technology Group



Third Workshop: Wednesday 30th June 2021

8am-12pm Morning Tea & Lunch included



Lachie Smart's sheep yards, 98 Avonmore Rd, Wirrabara

Sheep Yard and Lead-up Race Design

Tom Austin, Stockyard Designer, Atlex Stockyards

- Animal behaviour
- Labour efficiency
- Low stress stock handling skills
- Creating an effective lead up to your handler
- Why is the on-property design so critical to designing the best yards?
- Breeding dogs and how to select the best pup from a litter
- Loading ramps
- Not all upgrades have to cost a lot
- Where to spend the money to give you the best bang for your buck

The morning will be facilitated by **Daniel Schuppan, Nutrien Ag Solutions**

RSVP by Monday 28th June 2021: Rachel Trengove E:rachel@unfs.com.au M:0438452003



The Red Meat and Wool Growth Program is an initiative of the Government of South Australia, supported by Meat & Livestock Australia, SA Sheep and Cattle Industry Funds and SheepConnect SA.



Strategic Planning - Focus for the Future

Laura Hotel

Thank you to all our members that contributed to our Strategic Planning Survey and Workshop in 2020. We have all but wrapped up the process with the draft up for review at the up-coming Strategic Board meeting on the 16th of June. The development of this draft Strategic Plan 2021-2025 has been a process of reflection and goal setting undertaken by the Operations Committee and Strategic Board with support from Troy Forrest from Strategy Road.

It was great to get the team together in Laura in March to review the outcomes of a number of sessions and the survey reflecting on the organisations strengths, weaknesses and successes over the past 5 years. There was a lot of candid discussion over future focus, core values and our vision for the future of Upper North Farming Systems and how we would achieve it. A great lunch and lots of laughs made it a great day and the outcome is something to be proud of. We will have copies of the Strategic Plan 2021-2025 at the Members Expo in August and it will be available on our website in the next few weeks.



Troy Forrest from Strategy Road lead the Strategic Board, Ops committee and staff members through a workshop to ascertain the strategic plan for the next 5 years 2021 - 2025.





Pulse Check Bus Tour

Warnertown Roseworthy– March 10th 2021

On Wednesday March 10th a bus load of UNFS farmers boarded a bus and headed south to increase their knowledge on sustainable pulse production.

The group travelled to Adelaide University, Roseworthy Campus where they met with researchers Ben Fleet and Gurjeet Gill who talked on agronomy and weeds. Next on the agenda was a tour of Australian Grain Technologies (AGT) Roseworthy, where the group saw the plant breeding facility. After a delicious lunch stop Mick Brougham took the bus to local pulse growers, looking at lentil hay and soil amelioration sites.

The final educational stop for the day was a tour of the Dublin Clean Grain facility, lead by Simon and Andrew Koch.

To top off a great day the group stopped in at the Koolunga pub for dinner on the way home.



Above: Plant breeding regulated glass house



Above: Plant grow out room, providing infrared light for accelerated plant growing .

Right: Dough Rheology room, to test dough making properties of the wheat breeds





Ladies on the Land

Fire Awareness Workshop – April 18th

On Sunday April 18th the Upper North Farming Systems Hub, Ladies on the Land held a Fire Awareness workshop at the Jamestown Racecourse. Ladies on the Land holds workshops that aim to upskill women in a range of farm topics in order to sustainably manage and grow their businesses. Event organiser Steph Lunn thanked all who assisted on the day and in the planning. She wanted to run the event as a taster in the hopes of running a CFS Firey Women course later in the year. "It's really important for women to know what to do in a fire threat situation, as its often the women who are left at home, often caring for others. I wanted to share some practical things women can do when at home to help, to stay safe and to protect themselves and their property." Said Steph Lunn.

Jamestown CFS Captain Graham Sims presented to a group of 23 women to empower them with knowledge to stay safe in a fire threat situation. This included what to consider if you are home alone, the best technology and platforms to access accurate information and importantly, when is the right time to leave- or what to do if you can't! After a BBQ lunch provided by the Jamestown Apex Club and cooked by volunteers from Elsewhere Clay Target Club Ladies on the Land got their hands dirty becoming familiar with farm fire units. Attendees were encouraged to bring their own fire unit as every unit is a little unique, but there were plenty of farm fire units to see up close. The Ladies then tried their hand at patrolling a controlled burn on a nearby paddock to understand basics of fire behaviour, all while supported by Jamestown CFS volunteers and captain.



Above : Beth Sleep controlling the fire break



Above: Andrea Leahman, Mary Hagger and Brandon Sparks ready to help with the burn off





Sheep Producers Tech Group

Workshop 2, EID and its Application —March 19th

The UNFS Sheep Technology Group met on Friday 19th March for their second workshop “EID and its Application” at Andrew Kitto’s shearing shed and yards. The morning workshop provided information and demonstrations of EID technology and how it can be implemented and utilised in sheep enterprises. 18 people attended.

Presenters included:

Michelle Cousins, Cousins Merino Services presented on data management including:

- Identification of livestock and session vs lifetime data
- Understanding bucket files and useful excel functions
- Using data to make informed decisions on farm.

Andrew Kitto and Mark Noonan (Hornsedale) gave a farmer’s perspective on the use of EID’s in their sheep enterprise and shared their experiences collecting data on body weights & wool traits



Dan Roe, Neogen SheepDNA spoke about genomic flock profiling which generated interest amongst the group and 8 group members have gone on to do genomic testing on their sheep since the workshop. Joe Scammell, Spence Dix & Co gave a demonstration of an auto drafter and EID scanner (Trutest) in the yards.

Anne Collins (AC Consulting) had a discussion and brainstorming session for livestock Producer Demonstration Site ideas in our region

The workshop was facilitated by Daniel Schuppan, Nutrien Ag Solutions. It was a great opportunity to hear from some experts in the industry as well and share ideas on implementation of EID’s in order to improve efficiency, productivity and profitability of our sheep enterprises.

There are two more workshops coming up for our Sheep Technology group. The next topic will be yard and lead-up race design and is scheduled for beginning of July, date yet to be confirmed. The final workshop will be held sometime in September and focus on feed and pasture management and confinement feeding tools and technology.





Better Frost Decisions

Booleroo Sports



On Thursday March 26th a small but dedicated group gathered at the Booleroo Sports centre for a GRDC funded workshop designed to help farmers make better decisions around frost management. Dane Thomas from SARDI presented via zoom on frost and risk in a changing climate. He showed raw data that influences modelling and how to interpret weather data.

Mick Faulkner talked about Zoning strategies, how to use data to map your paddocks. He then went on to talk about what you can do differently to manage zones.



Above: Tom Kuerschner, Matt Foulis and Andrew Walter enjoying tiny teddies at break time.



Above: Mick Faulkner Presenting Zoning strategies

Michael Moody talked about how frost can affect profitability and whole farm gross margin. We looked at a calculator and input local data to estimate yield impact and percentage loss.



Hands On Precision Ag Workshop

Gladstone



On February 17th Pinion Advisory held a precision Ag workshop in Gladstone. It was funded through GRDC and Society of Precision Agriculture Australia (SPAA). Guest presenter Adrian Roles stepped through the fundamentals of PA, local farmer Andrew Kitto talked through his own experience with PA. In the afternoon we looked at hands on field exercises and simulation.

Workshop attendee, and UNFS President Matt Nottle commented ***"Every farmer in the Upper North should have been here today, everyone has something to learn about precision ag, from data storage, collection and what to do with the data you are collecting."***

This was the first of two workshops. Keep an eye out for the second instalment coming soon, take Matt's advice and come along.





Regenerating Goyder's Line

Pre-Seeding workshop at Paul Rodgers' place

Regenerating
Goyder's Line

Ian & Paul Rodgers' sheering shed was the place to be on Thursday March 31st. A group gathered as part of the Regenerating Goyder's Line project to hear about the project so far and from some guest speakers. The project is funded by the Australian Government National Landcare Program and the Northern and Yorke Landscape Board. It aims to re-establish productive and profitable grasslands and shrublands in once cropped landscapes of Goyder's Line. We have three demonstration sites, two in Quorn and one in Mount Bryan East.

The three main outcomes of the project are;

- Re-establish functional pastures & improve ecological function across the soil profile, water cycle & biological system.
- Trial alternative seeding operations into paddocks protected by the Native Vegetation Legislation
- Share knowledge and lessons learnt with farmers through extension events and activities



The workshop had a great speaker line up. Mary Anne-Young (PIRSA) talked about erosion control and highlighted some previous works done in the region. Anne Brown (Greening Australia) gave an overview of current Native Vegetation legislation. A key point on this is that any land management change after 5 years, technically requires approval. For example if a paddock was cropped in 2014 then left fallow and grazed 2015-2020, if you wanted to sow it again in 2021 it would require notice to the Native Vegetation unit. Ben McCullum, the SA Arid Lands Landscape Board Ecologist talked about soil seed bank and germinating native species. We all had a good look at the UNFS native grass seeder which is currently housed with Trevor Gum. Gummy gave an overview of how the machine works and his experience on his property.

To end the day we all jumped in a ute convoy and went to look at the site Paul & Ian hope to improve through participation in this project. Everyone enjoyed a sticky beak at the native species and took advantage of Ben and Anne's knowledge, asking questions about nutrition, plant identification and how to encourage more cover. Thanks to Rodgers for having us and to JC Carey for cooking the BBQ.

Photos: **Top:** Group in the shed. **Right:** Ian & Paul checking out the seeder with Gummy. **Bottom:** In the paddock, listening to SAAL Ecologist Ben McCallum

To hear more about the day the following snippets are from the Country Hour discussing the project;

Paul Rodgers talking at about the 11.5 min mark on 8/4/21 podcast: <https://podcasts.apple.com/au/podcast/south-australian-country-hour/id308767449?i=1000516234250>

Denni Agnew talking on the 6/4/21 at 10.25 min mark

<https://podcasts.apple.com/au/podcast/south-australian-country-hour/id308767449?i=1000516101901>



Process for Native Vegetation Clearance

A significant part of the process for this project involves seeking approval to undertake sowing operations into paddocks that were once cropped, but have exceeded the 5 year Native Vegetation Clearance exemptions for seeding through paddocks containing native vegetation communities. The aim of this seeding is not to return these paddocks to cropping operations but to re-establish landscape function to paddocks that have become compacted, bare and eroded. The recent dry years has seen many paddocks in the region exceed the 5 year Native Vegetation Legislation limit for re-seeding however they are no longer in a condition to be valuable vegetation communities nor productive pastures.

The three paddocks seeding applications to restore landscape function are currently with the Native Vegetation Branch for review. We hope to be able to seed them soon!

Working through this process we hope to demonstrate that these sites can be re-habilitated and that the Native Vegetation Legislation is easily navigable for this purpose. It is hoped that the outcome of seeding utilizing already available seeding equipment and a combination of cost effective annual non-native seed and more elusive native seed can result in restored soil function, retention of rainfall, reduced erosion and re-instate native vegetation recolonization processes creating a more profitable grazing paddock and a more complex, and resilient vegetation community.

We look forward to sharing with you the seeding stories at our next event at one of the sites in Spring to review the outcomes of the 5 different seeding treatments.



National
Landcare
Program



LANDSCAPE
SOUTH AUSTRALIA
NORTHERN AND YORKE



UNFS Research Trials Update

By Jade Rose, UNFS Research Coordinator

All seeding for UNFS 2021 trials are complete. A full list of our projects are on the website www.unfs.com.au

Thank you to all our trial co-operators for your time and effort so far this season. Fingers crossed for some more rain to give the trials a good start. Keep an eye out soon for crop walks and sticky beak days.



Above Right: The first Time Of Sowing of our Barley Time of Sowing trial. First TOS sown April 14th, Second TOS May 16th

Left Sowing the Barley Grass Management Trial out of Booleroo on Monday May 31 with Ross McCallum.

SARDI Pulse Trial Site – Melrose

Three pulse trials and one pulse demonstration were sown into relatively dry soil on the 26th and 27th of May on Andrew Walter's property near Melrose. All trials were sown with 80 kg/ha MAP fertiliser.



Salt tolerant lentil variety trial.

The trial aims to assess the yield potential of salt tolerant lentil germplasm on constrained soil types. Varieties include commercial lines with improved salt tolerance (PBA Bolt, PBA Hallmark XT) as well as breeding lines with improved salt and boron tolerance. This trial is funded by GRDC as part of the Legume Validation Project.

Alternative type lentil demonstration.

This is a small demonstration trial to assess the yield potential of alternative lentil types. The demonstration includes a large green lentil with a yellow cotyledon, a small lentil with a black seed coat and red cotyledon, a medium lentil with mottled seed coat and red cotyledon, and red lentil varieties PBA Highland XT and PBA Kelpie XT.

Pulse end use trial (lentil + vetch).

The trial aims to identify optimum seeding rate and variety selection depending on target end use.

This trial was initiated as part of GRDC-funded Southern Pulse Agronomy project in 2020, with a replicated trials at four locations across the South Australian low rainfall zone. Initial results showed that seeding rate can be reduced to three-quarters of the recommended target density without compromising production potential (biomass and grain). Variety selection was complex and not consistent across the four environments. Varieties included in 2021 are Volga vetch, Morava vetch, Studenica vetch, PBA Highland XT lentil, PBA Jumbo2 lentil and PBA Blitz lentil. This trial is funded by UNFS at this site in 2021.

LRZ Intercropping.

This trial aims to increase productivity of pulses in the low rainfall zone through increasing podding height, plant height and harvestability. This trial has been conducted as part of GRDC-funded Southern Pulse Agronomy Project in 2019 and 2020, with trials located at Warnertown and Booleroo. Grain over-yielding occurred for three of six intercrop combinations at Warnertown and in one combination at Booleroo in 2020. Intercrops provided a risk management option in environments where canola establishment was poor. Intercropping improved the harvestability (by reducing lodging) in field pea and vetch. This trial is funded by UNFS in 2021.



Figure 1. Setting up the Melrose site ready for sowing, 2021.



Figure 2. Faba bean + lentil intercrop combination, Booleroo 2020.

For more information, please contact:

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Government
of South Australia

Department of Primary
Industries and Regions

SARDI Pulse Trial Site – Nurom

Six trials were sown on the 30th of March (time of sowing 1 only) and 11th of May on Brendon John's property near Nurom. Pulses were sown with 80 kg/ha MAP fertiliser and wheat sown with 80 kg/ha DAP fertiliser. Two of the pulse trials are funded by UNFS and explore early sowing opportunities and alternative lentil types while the other four pulse trials are funded by the Plant Protein CRC.



Early sown lentil, faba bean and wheat.

The trial aims to identify varieties and management strategies for pulse growers to optimize early sowing opportunities to maximise pulse production, in medium to low rainfall environments. Wheat was included in the trial to compare the production of early sown pulses compared to early sown wheat. 9 varieties of faba bean, 3 varieties of lentil and 3 varieties of wheat, based on their suitability to the rainfall environment and variation in phenology characteristics, were sown over 2 times of sowing in 2021. Supplementary irrigation was provided via dripper irrigation in-furrow immediately post-March sowing and pre-May sowing within a couple of days to simulate a singular rainfall event. Pilot work in 2020 has demonstrated average yield increases of 46% through early sowing lentil and faba bean in low rainfall environments. With pulse production currently around 170,000 tonnes annually in the low to medium rainfall zones, this project has the potential to improve returns to the industry of \$43,010,000 (at \$550 per tonne). This trial is funded by UNFS at this site in 2021.

Alternative type lentil trial.

The trial aims to develop management and yield potential of alternative lentil types. Varieties include a range of alternative or 'niche' lentil types and seed sizes. Lentil types include black seed coat with red cotyledon, black seed coat with yellow cotyledon, pale seed coat with red cotyledon, mottled seed coat with yellow cotyledon, mottled seed coat with red cotyledon and large green lentil with yellow cotyledon. This trial is funded by UNFS at this site in 2021.

Pulse protein – field pea agronomy

The trial aims to identify the influence of variety and nitrogen on field pea protein. The trial includes 4 varieties of field pea (dun seed type, kaspera seed type, blue seed type, white seed type) and 3 nitrogen application timings. This trial is funded by the Plant Protein CRC.

Pulse protein – field pea variety

The trial aims to identify differences in field pea protein content between varieties. This trial includes 30 varieties of field pea, including kaspera seed types, dun seed types, white seed types and blue seed types of commercial varieties and breeding material. This trial is funded by the Plant Protein CRC.

Pulse protein – faba bean agronomy

The trial aims to identify the influence of variety and nitrogen on faba bean protein. The trial includes 2 varieties of faba bean (PBA Marne, PBA Bendoc) and 6 nitrogen application treatments (combination of timing and rate of nitrogen application). This trial is funded by the Plant Protein CRC.

Pulse protein – faba bean variety

The trial aims to identify differences in faba bean protein content between varieties. The trial includes 12 varieties, including PBA Marne faba bean and Kareema broad bean. This trial is funded by the Plant Protein CRC.



Figure 3. Example of some of the alternative lentil seed types. Top row varieties have red cotyledons, bottom row varieties have yellow cotyledons.



Figure 4. Early sown lentil, faba bean at wheat, at Nurom 2020.

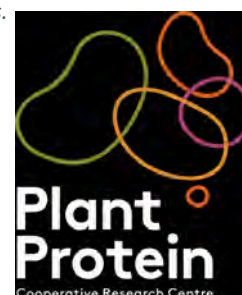
For more information, please contact:

Sarah Day – Research Officer, SARDI Clare

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Momentum builds for the SA Drought Resilience Adoption and Innovation Hub

The foundations for the South Australian Drought Resilience Adoption and Innovation Hub are now being laid.

SA Drought Hub Interim Director Chris Preston says while setting up the Hub is a massive undertaking, progress has been rapid.

“Through the SA Drought Hub Working Group, a concerted effort is occurring behind the scenes to put in place the people, processes and physical facilities to underpin the on-ground delivery of the Hub,” said Dr Preston, Professor of Weed Management at the University of Adelaide.

“Recruiting personnel is a priority – a full-time Director and five node co-ordinators are to be appointed through a merit-based selection process, and our Interim Knowledge Broker Mark Stanley will be mentoring a future Ag Excellence Alliance member for the permanent Knowledge Broker role, which is currently being advertised.

“In the meantime, the Working Group is bedding down other logistical requirements to ensure the Hub is functioning as soon as possible and ready to play a critical role in preparing this State for future droughts.”

The SA Drought Hub is one of eight being established across the nation through the Australian Government’s Future Drought Fund.

Led by the University of Adelaide, the SA Hub comprises the core hub at Roseworthy and five regional nodes at Minnipa on Eyre Peninsula, Port Augusta in the Far North, Orroroo in the Upper North, Loxton in the Riverland, and Struan in the South-East. A Stakeholder Advisory Group comprising regional partner organisations and industry leaders will be appointed for each node.

Dr Preston said the location of the nodes ensured state-wide coverage of all pastoral, low, medium and high rainfall agricultural production zones.

The Hub consists of a comprehensive and dynamic network of 59 industry partners, including grower groups; the three South Australian-based universities; government agencies; indigenous partners; agribusinesses; research, development and extension partners; and various industry organisations.

The partners are injecting into the hub \$11.47 million of cash and in-kind support – in addition to the \$8 million of funding over four years from the Australian Government’s Future Drought Fund.

SA Drought Hub Deputy Director Rhiannon Schilling says key activities over the coming months include the Future Drought Fund Research and Adoption’s Science to Practice Forum to be conducted from June 29 to July 1.

“All our partners will be invited to participate in the forum – either in person at a central location in Adelaide or through the livestreaming service,” said Dr Schilling, Program Leader of Agronomy at the South Australian Research and Development Institute (SARDI), a division of the Department of Primary Industries and Regions (PIRSA), and an Affiliate Lecturer at the University of Adelaide.

Registration for the in-person Adelaide event, to be held in the Goyder Mezzanine at the Adelaide Showground, is via <https://tickets.agcommunicators.com.au/agc/FDF21/>, and more details regarding the forum and livestream registration can be found at <https://bit.ly/3zdcDNV>.

Another important activity in the second half of this year will be a roadshow to the regional nodes to support them in their establishment, according to Dr Schilling.

Dr Schilling said the regional nodes and their various activities would be “co-designed and driven from the ground-up”.

“With input from our partners at a local level, each node will establish its own drought resilience priorities. To address these priorities, bespoke extension programs will be designed to facilitate adoption of drought resilience practices in our farming systems through peer-to-peer learning, on-farm demonstrations and training workshops.”

Interim Knowledge Broker Mark Stanley says one of the first steps in the process will involve understanding what’s happened in the past through benchmarking existing research knowledge, resources and practices.

“We need to know what has worked and where, and identify the gaps in adoption and research to build resilience,” Mr Stanley said.

“We can then develop new initiatives to extend this existing knowledge into areas where adoption has been limited, validating practices and building skills and understandings.”

Developing a portfolio of good ideas from farmers and their key influencers will assist in informing future research.

“The key to the success of the SA Drought Hub will be the ability to connect directly with farmers, so that their ideas are developed, and they are then able to build their skills and knowledge to implement new and innovative practices,” Mr Stanley said.

“Through the SA Drought Hub partners, farmers will work with researchers from the very beginning to ensure activities are relevant to their specific needs.”

Enquiries about the SA Drought Hub can be directed to sadroughthub@adelaide.ed.au.



A new glyphosate resistance mechanism with similarities to cancer drug resistance

There’s a buzz around AHRI at the moment as former visiting PhD scholar Lang Pan and AHRI researcher Qin Yu and others have recently had a paper accepted into the prestigious PNAS journal of the USA. They have achieved this because:

1. The researchers have discovered a new, world first, glyphosate resistance mechanism, and
2. The resistance mechanism is the same as the way cancer patients develop multi-drug resistant cancer.

Watch on YouTube <https://youtu.be/9mPwh2ihbu8>

meatup

FORUM



Port Augusta, Friday 25 June 2021

Venue Central Oval, 10 Augusta Terrace, Port Augusta SA
Time 8.30am – 6.00pm

About MeatUp

MLA MeatUp Forums, first held in 2021, deliver the latest in red meat Research, Development and Adoption (RD&A) and are held throughout southern Australia. MeatUp Forums are designed by producers for beef, sheep and goat producers through the input of Regional Producer Working Groups.

This means the program is purposely designed to be relevant to the needs and interests of red meat producers in the local region that MeatUp is being held.

MeatUp Forums are an MLA initiative and delivered by Pinion Advisory.

Why should I attend MeatUp?

- Hear about the latest, locally relevant on-farm RD&A
- Hear from and network with leading producers, industry representatives, advisors and researchers
- Gain insights into tools and programs available as next steps to improve your business
- Identify opportunities to drive on-farm productivity and profitability

Event features

- Hear from Michael Crowley about MLAs Research, Development and Adoption Program, plus a market update
- Improving enterprise profitability through breeding objective understanding, with Geoff Duddy
- Sustainable business management practices – James Allen, Bentley's SA/NT
- Topics addressing key priorities for red meat businesses
- Producers sharing practical, commercial insights via case study presentations
- Visit CC Cooper and Co via the Virtual Farm Tour and engage with Seth Cooper during an interactive Q&A session
- Local catering with a red meat flavour, plus networking drinks to wrap up MeatUp



Cost:

- Producer: No cost to levy payers thanks to the Accelerated Adoption Initiative
- Non-producer: \$50 (GST ex) per person

To register, visit
mla.com.au/meatup

Contact
Pinion Advisory
P: 1300 746 466
E: meatup@pinionadvisory.com



SOIL AND PLANT TESTING FOR PROFITABLE FERTILISER USE



A FREE WORKSHOP FOR GROWERS AND ADVISORS

Adelaide	Monday 21 June	9am-11.30	APAL Laboratories
Maitland	Tuesday 22 June	11am-1.30	Central York Football Club
Blyth	Wednesday 23 June	11am-1.30	Blyth Town Hall
Lock	Thursday 24 June	11am-1.30	Lock Football Club

Growers and advisers are invited to attend the 2021 Soil Nutrition Workshops as part of the GRDC funded Soil and Plant Testing for Profitable Fertiliser Use project.

Hear from leading researchers on:

- Educating agronomists on why/how/when to sample.
- Soil test results/findings and fertiliser responsive ratings from the project.
- The main issues surrounding P and N and achieving yield potential.
- Tactical or strategic N decisions.

Case studies and learnings from on-farm trials in each region.

Speakers include:

- Dr Sean Mason, Agronomy Solutions
- Dr Harm Van Rees, Cropfacts
- Daniel Bell, Nutrien
- Dr Rick Llewellyn, CSIRO
- Dr Therese McBeath, CSIRO
- Dr Robert Norton, Norton Agronomic

In addition, a local agronomist will be presenting region-specific information relating to optimising soil types, testing data and constraints.

To Register visit <https://bit.ly/2Q3Jy5g> or

Loren Revell-Karutz, AgCommunicators, 08 8332 3277 or loren@agcommunicators.com.au

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Australian Wool
Innovation Limited



Livestock Advisor Update South Australia

29th July 2021 Conference

Adelaide Hills Convention Centre

Virtual Tickets Available Also

The 2021 program has something for everyone, with the latest research updates, tools and technology.

Be sure to attend to be on top of the latest information to improve your livestock business.

Technology and walk away tools will be assured with plenty of networking, opportunities to discuss with MLA and AWI at a premium venue.

Register now for an early bird discount.



SOIL SCHOOL

**Reduce Risk, Improve Margins
and Improve Your Soil**

22nd July 2021 9 - 4
(Arrive 8.30 for 9.00 start)
Clare Golf Club
Clare South Australia



This event is supported by
Ag Excellence Alliance through funding from
the Northern and Yorke Landscape Board.



Australian Soil Planners, present a 'hands on' learning experience to assist farmers in the identification and treatment of soil and crop issues.

This program has been designed to create opportunities for farmers to hone their plant and soil troubleshooting skills and to evaluate new and alternative management strategies.

Forums aimed at rebuilding South Australia's flock and herd

A series of forums across South Australia will be held in July aimed at assisting producers rebuild their sheep flocks and beef herds.

The livestock forums, being presented through the State Government's Red Meat and Wool Growth Program*, will enable producers to hear from vets and industry production specialists on business and production methods to assist in increasing livestock numbers. A local producer will also be on hand to share their strategies and experiences.

Not only will these forums provide an opportunity for producers to consider strategies to increase their livestock numbers but is also a great refresher on optimising reproductive efficiency.

During the forum producers will have the chance to develop their own priorities and action plans for flock and herd expansion and be provided with resources to support their implementation.

Forum topics and speakers include:

- Strategies to increase livestock numbers – Nathan Scott, Achieve Ag
- Maximising reproductive performance through healthier breeders – Deb Scammell, Talking Livestock
- Understanding cattle and sheep pregnancy diseases – Dr Sean McGrath, Millicent Veterinary Clinic
- Maximising lamb/calf numbers and productivity – Dr Jason Trompf, Livestock Consultant. J.T. Agri-Source.

Registration for each forum is mandatory to assist with COVID-19 management and catering:

- Jamestown: Wednesday, 14 July – Victoria Park Community Sporting Hub. 8.45 am to 3.30pm.
- Registration: <https://forum-jamestown.eventbrite.com.au>
- For further information on the rebuilding livestock forums visit www.pir.sa.gov.au/redmeatandwool

The Red Meat and Wool Growth Program is an initiative from the Government of South Australia supported by Meat & Livestock Australia, SA Sheep and Cattle Industry Funds, and SheepConnectSA.



Australian Wool
Innovation Limited



Livestock Advisor Update

29th July 2021 Adelaide Hills Convention Centre

Tickets available on Eventbrite <https://www.eventbrite.com.au/e/2021-livestock-advisor-update-southern-australia-tickets-149817338693?utm-campaign=social&utm-content=attendeeshare&utm-medium=discovery&utm-term=listing&utm-source=cp&aff=escb>

GrainGrowers Presents Innovation Generation 2021

18 – 35 and working in agriculture?



GrainGrowers has opened registrations for Innovation Generation 2021, an affordable and social conference for agriculture professionals aged 18 – 35, taking place on July 7 – 9 at the Mantra Legends Hotel, Gold Coast.

The conference offers valuable professional development and training, plus exclusive tours and networking opportunities. Attendees will meet key agriculture industry leaders across commodities and can network with other young farmers over shared challenges and opportunities.

Innovation Generation 2021 is an affordable social conference tailor made for the 18 – 35 year old demographic, covering topics including alternate energy solutions, farming profitability, future market growth, succession planning, plus robotics and IT.

The event brings together some of the brightest and best agriculture speakers with real-world experience. Attendees will join discussions that include farms of the future, entrepreneurship and maximizing innovation.

Exclusive social functions will occur at locations such as 'The Island,' with a full program and speaker list available online.

Tickets for the full conference are available now, alongside other options including an invitation to the conference dinner only, student prices and more.

Visit innovationgeneration.com.au to find out more!



Producer tickets \$120

www.advanceaggsa.com.au/tickets

South Australia's showcase of AgTech

23 July 2021

Adelaide Convention Centre
South Australia



Upcoming Events Calendar

June

Date	Event	Details/Contact
8	Port Augusta PowerStation restoration works tour	Hannah Ling 0409 753 495
16	UNFS Strategic Board Meeting - Zoom	Kristina Mudge
22	SAAL Landscape Board Landholder Info Session	Hannah Ling 0409 753 495
25	MLA Meatup Forum Port Augusta	https://www.mla.com.au/extension-training-and-tools/meatup/
30	UNFS Operations Committee Meeting - Booleroo Centre + Zoom	Kristina Mudge
30	UNFS Sheep Tech Group - Yard Design Workshop	Rachel Trengove

July

7-9	GrainGrowers Innovation Generation2021, Gold Coast	innovationgeneration.com.au
22	Soil School, Clare	0408 285 096
23	Agtech Showcase, Adelaide	https://www.advanceagsa.com.au/tickets
29	Livestock Advisor Update, Adelaide Hills	https://www.eventbrite.com.au/o/south-australian-livestock-consultants-21648539371
30 - 2	Lambex— Melbourne	Ag Communicators – Rebecca Jeisman 8332 3277
14	Livestock SA forum Jamestown	https://forum-jamestown.eventbrite.com.au

August

5	UNFS Members Expo	Kristina Mudge
5	UNFS Annual General Meeting	Kristina Mudge
5	UNFS 20th Anniversary Dinner	Matt Nottle
19 & 20	Managing cereal and canola foliar diseases & fungicide resistance workshop – Cummins	Independent Consultants Australia Network (ICAN Rural) 02 9482 4930
21 & 22	Managing cereal & canola foliar diseases & fungicide resistance workshop – Clare	Independent Consultants Australia Network (ICAN Rural) 02 9482 4930

Funding Bodies



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Emergency Services Commission



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