



Groundswell

The Regenerative Agriculture Festival



Sessions
Guide

Wednesday 26th -
Thursday 27th June
www.groundswellag.com

Wednesday 26th

6:00 am

Early Morning Bird Walk

John Day, Richard Winspear & Shelley Eden

6:00am - 6:55am Meet at the Taxi Rank

Whether you are a novice or a seasoned expert, join us for an early morning walk to enjoy the sound of birdsong and look for birds and other wildlife around the site.

7:15 am

Meditation & Breathwork Class

Violet Stopford

7:15am - 7:45am Grass Tent

Join for a 30-minute guided Meditation and Breathwork class. Violet will be guiding you through a Mindful Meditation around grounding down to the Earth and moving into a Breathwork class of awakening the body through our breath. Please bring a yoga mat if you have one but some will be available to borrow.

8:00 am

Yoga Class

Violet Stopford

8:00am - 8:45am Grass Tent

Join for a 45-minute Yoga class all around grounding. All levels are welcome, beginners too. Violet is an experienced Yoga teacher who will be inviting you onto the mat to ground down and surrender deep into their bodies, allowing you to step off the mat and into your day. Please bring a yoga mat if you have one but some will be available to borrow, Lycra not mandatory!

Roots So Deep: Stories from Farmers and Scientists about Soil Health & Farmer Wealth

Peter Byck

8:30am - 9:25am Big Top

Guided by director and wrangler of scientists Peter Byck, "Roots So Deep (you can see the devil down there)" is a 4-part documentary series all about adaptive cattle farmers and their conventional neighbors across the fence – and a group of maverick scientists conducting ground-breaking research that explores the costs and benefits of grazing in harmony with nature versus grazing in conflict with nature.

In this presentation, Byck screens clips from the series, and discusses research results from the decade-long, \$10m research project conducted in the Southeast USA; research that asks: can this simple change in grazing practice help farmers get out of debt, restore their depleted soils, rebuild wildlife habitat and draw down huge amounts of carbon?

10:00 am

Untapped Potential in Regenerative Ag

John Kempf

10:00am - 10:55am Big Top

Regeneratively managed crops should produce higher yields and profitability in the first season in most cases. If they do not produce this result, it is a reflection of the agronomic mismanagement and a focus on regenerative agriculture idealism rather than practical application. Many growers have never observed plants so healthy that they are resistant to disease and insect pressure. Plants with such abundant health perform differently from common expectations. In this presentation, John Kempf will describe the fundamentals of managing agronomy from a biological rather than a chemistry oriented perspective, and how to produce exceptional crop responses during a regenerative agriculture transition period.

The Future of Small Abattoirs & Local Meat

Jonty Brunyee, Adele Jones, John Mettrick, Andy Gray & Robyn Munt

10:00am - 10:55am Soil Tent

The future of local and regenerative meat production depends on a viable network of small abattoirs and butchers. This session will explore how to revitalise the sector, protecting existing businesses and creating new abattoir provision. We will cover key issues including the need for more skilled workers, the value of by-products, the role of regulation and existing and future funding. There will be updates from the Abattoir Sector Group and Defra and we will hear from farmers taking action to either save their local abattoir or set up a new one, exploring different models such as cooperative ownership, mobile or modular units and how farmers can work together to overcome some of the challenges.

Making Nature Restoration & Agroecology Accessible to All

Ash Brown, Finn Harries, Shanley Mitchell, Christabel Reed, Ed Morrison & Paul Powlesland

10:00am - 10:55am Grass Tent

By 2030, a crucial 1 billion hectares must be restored to secure a liveable future for all. Achieving this monumental task requires mass mobilisation. Yet, we face substantial gaps in awareness, education, funds, space, systemic capacity and network capacity. In this panel you'll hear from five young changemakers and regenerators who are dedicated to closing these gaps through scalable solutions and mass-mobilisation.

Resistance to Change on the Family Farm – Why Does it Happen & What Can we do About it?

Heather Wildman, Joanna Bowen & Steph French

10:00am - 10:55am Discussion Tent

The family origins of many farms can present distinct challenges when managing transformative change. These might include the need to marry traditional and inherited ways of working with more modern ones, the search for compromise between differing opinions of family stakeholders, and the sometimes tricky dynamics of incorporating non-family members into the management team. This session will shed light on the prevalence of such challenges, as well as exploring methods for overcoming them, including through acknowledgement of family and ancestral influences. Speakers will include a succession facilitator working with farm businesses to resolve inheritance and other family challenges, and a constellation facilitator who will talk about the value of systemic mapping for surfacing hidden dynamics and shifting blockages to change.

Regenerating the Human – the Interface Between Food, Farming & Medicine

Russ Carrington, Dr David Unwin & Dr Jenny Goodman

10:00am - 10:55am The Study

How can agriculture and medicine progress together from a chemical model to a natural one? Join 2 pioneering doctors in conversation with Russ Carrington, who has himself seen first-hand the benefits of how dietary changes can improve health. Hear from Dr David Unwin, an NHS doctor who in his own practice has transformed the care of diabetes and obesity with radical yet simple dietary changes, achieving the best published results of any clinic in the world. And Dr Jenny Goodman, doctor and author practicing ecological medicine, connecting what's in the soil with our health, and shedding light on how changing farming practices can help reverse our increasing incidence of chronic, degenerative diseases.

Making Research Work in Practice for Regenerative Agriculture

Prof Richard Pywell, Dr Katherine Berthon, Dr Ruth Wade, Tom Pearson & Fraser Hugill

10:00am - 10:55am Speaker's Corner

The need for timely and relevant research to support the transition to regenerative farming at a scale that can restore biodiversity and reverse climate change, while still producing sufficient food, is a major challenge. Farmers leading innovation across the regenerative agriculture movement often move faster than research can validate new developments.

This session will highlight three research

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projects (AgZero+, Fix Our Food, and H3) which are co-designing studies with farmers, to respond directly to some current challenges that farmers face in transitioning to regenerative agriculture. These projects provide evidence on the impacts of regenerative farming methods on greenhouse gas emissions, carbon stocks, pollution risks, crop quality and biodiversity, defining practical pathways to achieving net zero+.

What do Natural Capital Buyers Want Now & in the Future From Farmers?

Rt. Hon. Lord Benyon, Teresa Dent CBE, Rob Shepherd, Christopher Sparrow & Steven Lang

10:00am - 10:55am Seminar Tent

Natural capital markets are complicated. This session will look to clarify the opportunities that exist today in natural capital markets and those which are around the corner. The session will look at how farmers can access these markets and the impact on the sector.

Climate Change: How Farming is Part of the Solution Not the Problem

Stephen Watson, Anthony Ellis, Becky Wilson, Nadaline Webster & Ian Davis

10:00am - 10:55am Breakout Tent

A discussion alongside regenerative farmers and representatives from Farm Carbon Toolkit about some of the issues facing agriculture, the messaging that is being given to the general public, sequestration and how we develop our messaging as food producers.

Whole Farm Trees Planning for Regenerative Farming

Clive Thomas

10:00am - 10:55am Agroforestry Tent (PF B12)

Although agroforestry has raised awareness of the opportunity to integrate trees into farming systems, how do we ensure the whole of the farm treescape existing and future (woodland, incidental agroforestry, hedgerows) gets integrated into the planning and management of the whole farm? Come along to this session and find out more about whole farm tree planning from pilot farmers and project partners.

Growing British Jeans – Talk & Indigo Dye Demo

Justine Aldersey-Williams

10:00am - 10:55am Fibreshed Stand

Northern England Fibreshed founders launch their Organic British Indigo with a pigment extraction and dyeing demo, and talk about the collaboration that produced the U.K.'s first prototype pair of indigo linen jeans.

Herbal Leys for a Dairy System: a Q&A with Andrew Brewer & Discussion

Andrew Brewer

10:00am - 10:40am Soil Association Stand PF F13

Establishing diverse swards can improve the resilience of grazing platforms. However, the un-quantified effect of increased sward diversity on milk yield and quality is a potential financial risk for dairy farmers. Andrew Brewer is a pasture-based dairy farmer with 500 Jersey cross cows in Cornwall. Andrew was keen to explore whether growing herbal leys instead of the more conventional ryegrass/clover mixed sward, would affect milk yield and constituents. He plans to split his herd, and monitor the difference between milk produced by cows grazing a rye grass sward, and cows grazing a herbal ley / diverse sward. We'll be talking to Andrew about this Farm Net Zero – Innovative Farmers trial, his experiences of growing diverse swards, and finding out why he believes strongly that soil and animal health are central to maintaining the productivity of his farming system.

11:00 am

Rainfall Simulator

Odette Ménard, John Kempf & Danny Coffey

11:00am - 11:25am Affinity Stand

See the dramatic effect of two inches of rainfall on soils under different management regimes: no-till and cultivated, with and without cover and under permanent pasture.

Hedgerow Safari

Prof Pippa Chapman, Megan Gimber & James Robinson

11:00am - 11:55am Safari Tent

Mature hedgerows provide significant benefits for farming, from shelter for livestock to reducing soil erosion. They are also crucial in supporting farmland biodiversity, including providing pollen and nectar for bees and insects that pollinate our crops. Hedgerows also sequester carbon in their biomass and soil, and can provide flood risk alleviation. So join us for a practical session to view hedgerows around the Groundswell site, and discuss and ask questions about hedges, including (i) how to meet government targets for creating and restoring 30,000 miles of hedgerows by 2037, (ii) practical solutions for planting and establishing new hedges, (iii) how to implement a management cycle that works for you and (iv) the multiple benefits of hedgerows in agricultural landscapes.

Understanding Ag Field Walk with 2023 Soil Farmer of the Year Stuart Johnson

Stuart Johnson & Kyle Richardville

11:00am - 11:55am Safari Tent

Kyle Richardville of Understanding Ag and Soil Farmer of the Year Stuart Johnson will

lead a field walk discussing Understanding Ag's 6-3-4 framework for improving soil health and how it helped Stuart win Soil Farmer of the Year in 2023.

Mob Grazing Kit Demo (Temporary Electric Fencing & Mobile Water Systems)

James Daniel & Jamie Jack

11:00am - 11:25am Stand A21 (PFL)

Discover the Kiwitech PAC Winder, Kiwitech Drag & Micro Water Troughs, and their quick connect hydrants. Special Guest Tom will also demonstrate his revolutionary water pipe winder attachment for the Burge Bale Unroller

We'll be available after each demo for questions and look forward to inviting you back to our stand for a closer look at the equipment. Plus, grab some freebies if you're quick! See you there!

Solutions for Feeding Your Soils

Tom Fairfax, The Land Gardeners, Jeff Allen, Kate Gateacre, Tim Williams & Ian Robertson

11:00am - 11:55am Soil Medic Tent

We have a range of farmers/experts covering different composting methods, bokashi, vermicasting, microbes, Johnson-su, grazing methods.

Kings Crops Plot Tour

11:00am - 11:25am Kings Stand DF D40

Kings Crops, the Groundswell Event Cover Crop Partner, welcome you to a walk and talk tour of their 30 diverse crop plots in the Demo Field. Learn from our team of advisors on how the innovative range of options on display can deliver an integrated approach for your soil health, integrated pest management, forage, Sustainable Farming Incentive, stewardship and private sector funding needs whilst improving water quality and the wider farmed environment. Autumn and spring sown catch, cover, companion, living mulch, grazing, winter bird food, pollinator and hedgerow options are all on display helping to bring your regenerative farming opportunities to life.

Managing Blackgrass in Arable Rotations

Lynn Tatnell, Garth Clark & Dr Stephen Moss

11:15am - 11:40am The Study

How do you tackle the biggest problem facing arable farmers in the UK? Join us for this session on how to manage blackgrass in your arable rotations. Find out the fundamentals as to why blackgrass is proving such a problem, hear from weed biologists and farmers as to how IWM and alternative weeding approaches are being used to reduce the impact of black grass. Join the discussion to share your successes and failures in the

tackling this on-going problem.

Intercrop Separation & Cleaning Demo

11:15am - 11:40am Behind Discussion Tent

A working demonstration of how the grain separation and cleaning system, owned by Weston Park Farms, overcomes the biggest barrier to growing intercrops – post-harvest separation.

The VibroMAX Intercropper separates and cleans bi-crops in a single pass, meeting common contract specifications, allowing farmers to take full advantage of the benefits of intercropping: higher yields, reduced synthetic inputs, increased biodiversity and improved soil health.

Clarity, Community & Ownership – Empowering Farms to Successfully Outwinter

Katie Evans, Emily Grant, Angus Nelles & Francesca Cooper

11:30am - 11:55am Stand DF C38 (AHDB)

Outwintering practices, such as bale grazing, are gaining traction throughout the UK, with farmers increasingly adopting these systems. Those implementing these systems are citing cost reductions, improved soil carbon management, and enhanced animal health. Despite these reported benefits, there remains a lack of robust quality, performance, and financial data to substantiate these claims. In response to this need, AHDB has commissioned an economic assessment of seven farms participating in the Innovative Farmers field lab in collaboration with Pasture for Life. This initiative aims to shed light on the impacts of bale grazing across various locations, soil types, and herd sizes. Through the lens of clarity, community, and ownership we will discuss the implementation of outwintering strategies, exploring what's driving those farmers that are making it work.

Pasture for Life Certification

Bryony Marshall

11:30am - 11:55am Stand A21 (PFL)

Come to this session on the PFL stand to learn more about the Pasture for Life standards and certification.

Hand-Held Scanners for Soil Carbon Measurements

Jessica Underwood

11:30am - 11:55am Affinity Water Stand

In this demonstration, Jessica Underwood will present two hand-held devices designed to measure soil carbon and other properties directly in the field. With current soil sampling methods having such high time and monetary costs, these devices have real potential for revolutionising soil carbon measuring, as they are cheap, quick and easy to use. Her PhD research is focused on how well these devices work, and looking at how they could be used

by farmers. She will explain how they work while giving a demonstration, and be available for questions after. Join her to see these devices in action and discuss their implications for the future of soil management.

12:00 pm

CROP Concept & Soil Compaction

Odette Ménard

12:00pm - 12:55pm Big Top

The CROP concept emphasises the importance that all of these components have to be worked together to make sure we get to a healthy soil.

C for Cover

R for Roots

O for Oxygen

P for Porosity

We all know the benefits of every single component but the only way to get the most out of each if them is by making sure they are all optimal at the same time.

Soil compaction is the most limiting factor to insure maximum yields. Using real life data and Terranimo simulation, it is possibly to show the impact of surface and subsoil compaction to farmers and help them to adopt practices to minimize compaction while improving traction in the fields.

Home-Grown: How Can UK Horticulture Flourish in the Future?

Guy Singh-Watson, Lucia Monje-Jelfs, Will White, Rebecca Laughton & Harry Winslett

12:00pm - 12:55pm Breakout Tent

Horticulture plays a key role in agroecological and organic food systems, but has been confronted with several systemic challenges. Together, the panel will look at how these challenges may be overcome, and how we can scale up regenerative fruit and vegetable production in the UK. Horticulture plays a key role in agroecological and organic food systems, but has been confronted with several systemic challenges. Together, the panel will look at how these challenges may be overcome, and how we can scale up regenerative fruit and vegetable production in the UK.

Whether You Think You Can, or You Think You Can't You're Right

Nikki Yoxall, Sam Carey, Phyllida Warmington & Oliver Chedghey

12:00pm - 12:55pm Grass Tent

The dairy sector often comes under pressure to demonstrate its sustainability, change can be difficult, and our mindset is an important part of how we enable change on our farms. In this session we will hear from three dairy farmers who have made changes on their farms that many would consider strange, reckless, maybe even impossible... we will hear detailed descriptions of the change process, how ideas came about, why they did things differently

and what lessons they learned on the way.

10 New Trees & Shrubs for Agroforestry Systems – Low-Maintenance Fruiting Plants From Around the World

Allyson Levy & Scott Serrano

12:00pm - 12:55pm Discussion Tent

A presentation on fruiting trees and shrubs focused on resilient, low-maintenance plants that produce fruits that are rarely seen in most local markets. Profiles on the basic growing conditions, best varieties, and how to landscape with underutilized food plants such as Persimmons, Pawpaws, Hardy Orange, Flowering Quince, Jujube and Honeyberry will be covered.

Gut&Bösel - Insights From Transforming a 7500 Acre Organic Farm & Forestry in one of the Driest Areas of Germany

Benedikt Bösel

12:00pm - 12:55pm The Study

Facing the challenges of climate change on the dry and sandy soils of their farm east of Berlin, Benedikt Bösel and his team have adapted different methods of regenerative agriculture such as holistic grazing, syntropic agroforestry and composting.

To create a living lab on the land of 'Gut&Bösel', Benedikt, in 2021, founded the "Finck Foundation" that researches, educates and manages nature conservancy projects – right on the farm.

As an advocate for regenerative farming, Benedikt became one of the most prominent voices of agriculture in Germany. Listen to his story from an investment banker to a regenerative farmer – from the ups and downs of transforming a farm, building a non-profit, finding partners and supporters, the brutal reality of climate change and the great hope and joy a life of farming gives.

How to Identify & Monitor Beneficial Beetles on Your Farm

Dr Kelly Jowett, Alex Dye, Harrison Webb, Dr Dion Garrett & Oliver Clark-Hattingh

12:00pm - 12:55pm Speaker's Corner

A session describing why and how to monitor beneficial beetles on farms. This will focus on carabid beetles that eat crop pests and weed seeds, and the farm measures that can encourage abundance and diversity of species in different systems. Attendees will learn why and how to trap beneficial beetles on their farms, and there will be a practical demonstration of beetle ID from traps collected on site, with a free Farmland Carabid ID guide for attendees, and an introduction to a monitoring phone app. Farmers are encouraged to 'bring a beetle' or photos of beetles from their farm for everyone to look at.

Embedding Regen Principles Into Global Supply Chains: How Can it be Done?

Alastair Cooper, Tom Gee, Dorothy Shaver, Marija Rompani & Elizabeth Stockdale

12:00pm - 12:55pm Seminar Tent

A systematic shift to regenerative agriculture requires participation across the whole supply chain, from farmers, agronomists, policy-makers and manufacturers, through to retailers and consumers. How can a consumer goods multi-national re-engineer its supply chain and embed regenerative agriculture principles within it? Unilever has nine regenerative agriculture projects globally, across 48,000 hectares. With plans to expand further, the company has recently launched its first regenerative agriculture project in the UK, working with farms that grow the mustard seeds and mint leaves used in Colman's products. This panel event will open a conversation that highlights the role that each actor holds, and the opportunities and challenges of these partnerships in accelerating and scaling the transition to regenerative agriculture.

Regenerative Agriculture: What's the Evidence?

Prof Jonathan Storkey, Nicola Randall, Andrew Neal & Jennifer Dodsworth

12:00pm - 12:55pm Soil Tent

Bringing together ecological experts from Rothamsted Research and the British Ecological Society (BES), this session will discuss and evaluate the most up-to-date scientific evidence for regenerative agriculture. The panel will look at the effectiveness of the principles in achieving the desired outcomes, will highlight the gaps for future research and the opportunities for experimentation and collaboration between farmers, academics, and ecologists. They will also discuss the policy recommendations set out in the BES's upcoming report which aim to support a more ecologically and agronomically regenerative future for British farming.

South East England Fibreshed Wool Update

Deborah Barker

12:00pm - 12:40pm Fibreshed Stand PF C22

Update on wool-related projects in the South East Fibreshed.

1:00 pm

Dung Beetle Safari

Sally-Ann Spence, Claire Whittle, James Allen & Bruce Thompson

1:00pm - 1:55pm Safari Tent

Join us on a tour of dung pats hunting for dung beetles. Dung beetles are vitally important insects improving the quality and

structure of soil, cleaning pastures, reduce parasite burdens in livestock and providing a variety of other crucial services. Changes to agricultural practices and intensification have had significant impacts on them; particularly wormer use has caused a reduction in numbers. Come and explore the world of the dung beetle, learn how to find, assess and identify different types of dung beetle; from dwellers to tunnellers. Dung Beetles for Farmers was set up by a group of farmers, entomologists, and a vet to raise awareness of dung beetles in the farming community and give pragmatic advice how to support them.

Pond Safari

Jilly McNaughton, Nigel Russell & Lucy Jenkins

1:00pm - 1:55pm Stand PF E1 (FWAG)

Join us for a Pond Safari to explore some lost ponds at Lannock Farm and see how, with a little work (guided by the latest science) these habitats can be restored to deliver huge gains for biodiversity on the farm and in the wider landscape. We will visit a pond which has been recently restored under Natural England's District Level Licencing scheme for great crested newts, consider the potential for further pond work on the estate, (including, excitingly, resurrecting 'ghost' ponds!) and discuss sources of funding for this type of work.

Calculating Carrying Capacity Workshop

Claire Beaumont, Sam Beaumont, Silas Hedley-Lawrence & Ian Horsley

1:00pm - 1:55pm Stand A21 (PFL)

When implementing mob grazing, one of the first questions people ask is how many animals in how big a paddock for how long? In this workshop we will explore all aspects of carrying capacity, what calculations to make, how many days grazing are available, how many animals can be fed...we will work through a range of grazing management types, such as mob grazing, conservation grazing and set stocking, and discuss which might be more appropriate at different times of the year.

Aiming High for Hedgerows

Will Simonson, Christian Gossell & Prof Pippa Chapman

1:00pm - 1:55pm Agroforestry Tent (PF B12)

Hedgerows are an iconic part of the British landscape with lots of practical, ecological and aesthetic value. But an enormous amount of a once extensive hedgerow network has been lost. To address this, in its Environmental Improvement Plan (2023) the Government has set the target to create or restore 30,000 miles of hedgerow by 2037 and 45,000 miles by 2050. We will discuss what it will take to meet this target, and why it is important to do so. The opportunity will be created for farmers and others to share their ideas on the importance of this agenda and what has worked or not worked from their perspective.

Soil Surgery

Tom Fairfax, The Land Gardeners, Jeff Allen, Kate Gateacre, Tim Williams, Daniel Iddon, Andrew Sincock, Daniel Tyrkiel, Thomas Daniel & Michael Kennard

1:00pm - 1:55pm Soil Medic Tent

Drop-in Session for solutions to feeding soils on farm.

Farm Bird Surveys – Tracking Effects of Conservation Measures

Gavin Siriwardena

1:00pm - 1:25pm BTO Stand PF G15

Lots of farms and estates are actively managing to enhance biodiversity, but lack evidence that what they are doing is working and the formal monitoring activity that would deliver it. However, evidence is important to show what is working and to feed back so that improvements can be made if needed. The BTO can provide a range of professional bird monitoring packages, comparing on-farm changes to those shown by regional data. The plan is that results from multiple farms ultimately come together to give us a novel, national data set. I will introduce the options and tell you how you can get involved.

Rainwater Harvesting – Collecting the Natural Resource

Michael Jorden

1:00pm - 1:25pm JRH Stand PF C9

Find out and discuss what rainwater harvesting is, how it works and what systems can be installed. Agriculture harvests many things why not rainwater?

Agroecology & Enterprise Stacking

Tom Adams

1:00pm - 1:25pm Tom the Apple Man Stand PF G25

We have a stand at the show and would like to talk about our 6.5 acre organic agroforestry fruit tree nursery that involves 4 other businesses working on the same site as part of a planned crop rotation. We have set up a CIC to grow food with the local school.

Fibre to Fashion Meet Up

Emma Hague & Deborah Baker

1:00pm - 1:55pm Fibreshed Stand PF C22

An informal meetup session for anyone working in, or interested in working in, the realm of fibres and/or fashion, hosted by South East and South West England Fibresheds.

Cultured Meat – Gamechanger? Disruption? Or a Load of Hot Air?

Dr Lisa Morgans & Andrew Court

1:15pm - 1:40pm Grass Tent

Cultured meat could disrupt agriculture, but farmers' voices are being left out of the debate. So, the Royal Agricultural University led a study to map who the winners and losers might be. In this interactive session, hear how cultured meat could affect a farm like yours, and then have your voice heard before recommendations are made to policymakers.

Cover Cropping – Successes & Failures

Joe Stanley, Toby Simpson, Tom Jewers & Jim Egan

1:15pm - 1:40pm The Study

When it comes to soil health and regenerative management, one technique seems to stand out above all others: the establishment and use of cover crops. Join us for a session talking all things cover crops and intercrops, with 400ha farmer Tom Jewers, 2022 Nuffield Scholar Toby Simpson and Technical Manager Jim Egan from Kings. As well as being a host farm for Hutchinsons Helix East Anglia, Tom's family farming business is in an ambitious countryside stewardship scheme; making use of multi-species cover, catch and companion crops with a particular focus on soil health. Toby will take us through key findings from his scholarship: 'Catch and Cover Cropping Opportunities in UK Arable Agriculture', and explain how he is putting them into practice on his family farm, growing targeted cash crops in a highly biodiverse system. Jim Egan is a leading agri-environment advisor, joining the team at Kings in 2019, and works closely with the wider Frontier soil and plant health team. The session will be chaired by Joe Stanley – former farmer and head of Sustainable Farming and Knowledge Exchange at The Allerton Project.

Forage Products for Regenerative Agriculture

Janet Montgomery & Roger Bacon

1:30pm - 1:55pm Barenbrug Stand D45

Come along and see some of the Barenbrug products available, and discuss their fit and use on farm. From intensive cutting options through to biodiverse mixtures for challenging conditions, come and ask our forage agronomists how our products can help you achieve your goals on farm.

PES Technologies Soil Health Measurement Tool Live Demonstration!

Dr Jim Bailey & Andrej Porovic

1:30pm - 1:55pm PES Technologies Stand DF E34

PES Technologies has developed a game-changing tool which provides on-the-spot

data that can be used for a comprehensive soil health assessment – while out in the field. A host of biological, chemical and physical soil health indicators are provided, including microbial biomass, respiration and soil organic matter content; it does this by analysing the activities of a soil's microbial community. The PES sensor system is hand-held, battery-powered, and controlled with a smartphone app. Soil samples are analysed directly in-field, and no sample preparation is required beyond putting soil into our tool. The entire process takes minutes, meaning you can see what's going on below your feet, while you observe your field. Results are GPS-logged and time-stamped, making it suitable for baselining and tracking changes over time as well as SFI and other Measurement, Reporting and Verification (MRV) schemes. Visit the stall to see us analyse soil in real time!

Eco Green Composting / King Feeders Demo

1:30pm - 1:55pm Eco-Green Composting Stand DF A35

Eco Green Composting / King Feeders will be exhibiting their bio chopper / blender and windrow turner. King Feeders UK based in Cheshire, specialist in the supply of green waste composting machinery and has wide ranging experience in this area of equipment, with a proven track record of supply to a range of different sectors. The Eco Green composter offers simple, reliable and economic means of recycling. They grind, mulch and mix bio-degradable products. Material is significantly reduced and can be blended with other products. These machines operate at a very low noise and nuisance level.

Listening for Worms to Assess Soil Health

Dr Carlos Abrahams

1:30pm - 1:55pm Baker Consultants Stand PF G24

Soils are noisy – burrowing earthworms, marching ants and soil insect songs can be heard using sensitive soil microphones. In this session, we'll share our early discoveries the research into the soundscape under our feet. Our DEFRA-funded research has enabled us to work with researchers and farmers across the UK to explore if a noisy soil is a healthy soil. This session will provide an insight into the different sound-making animals which live in the soil, where they are, what they do and why they are important.

Where Water Runs, Make it Walk

Josef Holzer

1:45pm - 3:10pm Big Top

The beneficial impact of multifunctional water retention systems using the example of Krameterhof farm – a steep and rather dry land in a subalpine climate. To reduce the adverse impact of dry periods, as much rainfall as possible needs to be retained during periods of heavy rains. Josef A. Holzer's water retention facilities are interlinked in such a way that the water can be distributed across the landscape in a cascade-like manner through gravity. This highly productive, communicating water

retention system is used in gentle and quite diverse ways: It enhances biodiversity, has a positive effect on the microclimate, serves as a water storage facility for irrigation, can function as water gardens or be used for aquaculture (fish, crayfish, ducks, etc.)

2:00 pm

Extending the Grazing Season: Optimising Winter Forage for Livestock & Soil Health

Kate Still, Tom Armitage, Emily Grant & Claire Beaumont

2:00pm - 2:55pm Seminar Tent

Outwintering livestock for part or all of the winter can be a great alternative to housing, but it requires careful management to ensure animals and soil are not stressed and maintain good condition. In this session three Innovative Farmers trialists will talk about their experiences investigating different approaches to extending the grazing season. These include trialing diverse forage mixes to replace monocrop brassicas, growing herbal leys to maintain soil structure, and bale grazing for paddock recovery. All these practices consider the overall health of the farm system, including soil health, biodiversity, animal welfare, farmer welfare and economic sustainability.

Farmers in Conversation

Ian Pigott, Will Oliver, Phil White & Craig Livingstone

2:00pm - 2:55pm Grass Tent

Ian Pigott hosts a conversation with 3 farmers who are at various stages of their regenerative journey. In this lighted heard and open session, they will be discussing highs & lows and everything in between whilst also tackling some of the serious issues that are being faced on the ground.

The Regenerative Viticulture Journey

Joel Jorgensen & Anne Jones

2:00pm - 2:55pm Discussion Tent

How can we transition to Regenerative Viticulture? In this session, Vinescapes will join the Regenerative Viticulture Foundation to set out the journey to becoming regenerative; the self assessment tools available, impacts to the vineyard and results we see from working examples of regenerative viticulture in the UK. We will also discuss how RV is perceived by the wine market, and how producers can introduce messaging about regenerative practices to their commercial strategy.

How to Run a Good On-Farm Trial

Dr Charlotte White, Dr Kelly Jowett, Dr Dion Garrett, Susie Roques & Jake Bishop

2:00pm - 2:55pm The Study

Farmers that undertake on-farm experiments can benefit from increased yields and reduced input costs. However it is challenging to

properly design experiments that will give relevant results. In this interactive session we will simply introduce the principles and practicalities of design of on-farm experiments. We will hear from experts from Rothamsted Research, ADAS and the University of Reading Experimental Farm. We will also hear an on-the-ground perspective from farmers who have recent experiences with experiments. This session is designed for those farmers and/or managers who are on-farm experiment-curious and need a little nudge to give it a go.

FIX – Farmer Information Exchange: a Farmer-Owned Regen Innovation Platform

Andrew Neal, John Crawford & Kiryon Skippen

2:00pm - 2:55pm Speaker's Corner

The launch of a working prototype of a global digital cooperative, built and owned by the world's farmers to benefit the world's farmers. It is designed to democratise and accelerate data-enabled innovation in support of place-based solutions that secure food and water while restoring biodiversity and mitigating and adapting to climate change. Connecting farmers and scientists, FIX aims to help farmers access the best available knowledge, innovate and share, and provide a platform for scientists and farmers to co-create new solutions.

Soil Carbon Sequestration: What, How, Why?

Joel Williams

2:00pm - 3:10pm Soil Tent

In the last 5-10 years especially, there has been renewed interest and a significant amount of research and rethinking into the nature of soil organic matter. This presentation will present these emerging concepts relevant to building carbon in soils.

Part 2 at 15:45

ELMs – Where Are We Now? And Where Do We Need To Be?

Alice Groom, Vicki Hird, Abi Kay, James Robinson & Martin Lines

2:00pm - 2:55pm Breakout Tent

The past few years with ELMs have not been an easy ride, with delays, mistakes and changes to the various schemes. Despite these stumbling blocks, ambitious agri-environmental schemes have the potential to help transform our landscape into one which delivers for nature and for farmers. We speak to farmers and experts in order to understand how the various agri-environmental schemes are currently playing out across our landscape, and look ahead to explore how policies could be improved.

Regional Leather: in the UK & Europe

Sara Grady, Alice Robinson & Nina Conrad

2:00pm - 2:55pm Stand A21 (PFL)

A discussion of regional supply chains that

are producing leather from hides of cattle raised on regenerative and organic farms: what makes these initiatives successful in connecting farming with designers and fashion brands? With Sara Grady and Alice Robinson of British Pasture Leather (UK), and Nina Conrad of Regionales Leder (Germany/Switzerland).

Native Fibre Grading & Shearing Demo

Jen Hunter & Andy Wear

2:30pm - 3:55pm Fibreshed Stand PF C22

Highly popular at Groundswell 2022, this is a practical demo on how to blade shear and grade fleece to maximise its value, by Andy Wear and Jen Hunter from Fernhill Farm, the first UK wool producer to be certified regenerative.

3:00 pm

Obvious to You – Amazing to Others

Ben Taylor-Davies

3:00pm - 3:55pm Earthworm Arms Big Top

You experience someone else's innovative work. It's beautiful, brilliant. You're stunned. You think, "I never would have thought of that. How do they even come up with that? It's genius!" One day someone said, "I never would have thought of that, it's genius!" Of course I disagreed and explained why it was nothing special. However, everybody's ideas seem obvious to them. So maybe what's obvious to me is amazing to someone else? Come and talk with me on stage and tell your amazing story, are you holding back something that seems too obvious to share?

Managing Farm Woodlands

Mark Franklin, Martin Hügi & Nick Reed-Beale

3:00pm - 3:55pm Safari Tent

Join a walk to a woodland on Lannock Farm, Groundswell; discover some of the key areas for consideration when bringing a farm woodland back into management. Together with advisors from the Woodland Trust, we will talk through the condition of the wood, identify any threats and constraints, solutions and opportunities integrating into the farm business. An opportunity to take away some practical tips, ask questions about the value of your woodland both economic and for habitat.

Biodiversity Bimble

Elysia Bartel, Rachel Richards, Dr Sarah Cook, Allison Clarke, Daisy Headley, Douglas Brown & Jude Bennison

3:00pm - 3:55pm Safari Tent

Meet ADAS scientists and Farm Wildlife entomologists and learn to recognise some key farmland invertebrates and wild plants. Take a

stroll with Daisy Headley and Allison Clarke from Bumblebee Conservation Trust, Rachel Richards from Buglife, and ADAS entomologists Elysia Bartel, Jude Bennison, and plant scientists Douglas Brown and Dr Sarah Cook. Come on the guided walk to explore the biodiversity of the Groundswell meadow and discuss methods for promoting wildlife on farms and encouraging natural pest control. We will use sweep nets, pooters and pitfall traps to discover which pests, predators, pollinators, and other wildlife are living here on site and which plants provide their habitat.

Kings Crops Plot Tour

3:00pm - 3:25pm Kings Stand DF D40

Kings Crops, the Groundswell Event Cover Crop Partner, welcome you to a walk and talk tour of their 30 diverse crop plots in the Demo Field. Learn from our team of advisors on how the innovative range of options on display can deliver an integrated approach for your soil health, integrated pest management, forage, Sustainable Farming Incentive, stewardship and private sector funding needs whilst improving water quality and the wider farmed environment. Autumn and spring sown catch, cover, companion, living mulch, grazing, winter bird food, pollinator and hedgerow options are all on display helping to bring your regenerative farming opportunities to life.

Organic farming – is it for me?

Nick Padwick & Jerry Alford

3:00pm - 3:40pm Soil Association Stand PF F13

Are you curious about organic farming? Would you like to find out more about organic production, conversion and the market for organic? Join an informal Q&A session with Nick Padwick (Organic regenerative farmer) and Jerry Alford (senior farming advisor- Soil Association) to find out more about the practicalities of organic farming. With new farm funding available for the sector this session will outline market and supply chain insights and the opportunities and challenges involved in organic farm conversion.

On-Farm Development of an Electric Market-Gardening Tractor

David Brunmayr & Lukas Griesbacher

3:00pm - 3:25pm Organic Tools Stand DF A36

Organic Tools presents the prototype of a new electric walk behind tractor called TRAKTRAK, with the aim to discuss opportunities and challenges of a smallscale, regenerative and postfossil agriculture. Bring your experiences and ideas to engage in the ongoing on-farm development process around the market garden agrocycle. Market gardening is a promising cultivation approach with regional food sovereignty and high profits per acre. However, the significant workload, leads to the tendency of burnout among young farmers. The existing technology drives economies of scale and pushes farmers to grow big. The fundamental question on the development journey was: How can TRAKTRAK transform

diversified, regenerative agriculture in the same way that conventional tractors have revolutionized industrialized agriculture?

Free Digital Tools for Sustainable Farming

John Redhead

3:00pm - 3:25pm UK Centre for Ecology & Hydrology Stand DF B31

Come to the UKCEH stand to find out about how our free digital tools can support sustainable farming! Making decisions on how to improve environmental sustainability requires rapid integration of environmental knowledge and data, to know where and how to make changes. As an independent environmental research organisation, UKCEH works with a wide variety of mapped datasets from large-scale remote sensing and surveys, and has over 30 years' experience in using these to predict farm-scale environmental impacts. We are working with farmers to create digital tools that translate these complex data into accessible information for farm-scale decision making. We'll introduce our existing e-planner tool, and our pilot "farm environmental health check", both of which you'll have an opportunity to explore. With John Redhead.

Heritage Grains: What Are They & Why Grow Them?

John Letts, Dr Emma Burnett, Dr Marina Chang, Colin Johnston, Dr Noam Chayut & Will Dorman

3:15pm - 3:40pm Discussion Tent

Modern cereal varieties can produce high yields when grown with massive inputs of fuel and agrichemicals. But this approach has left our food systems dangerously exposed to pests, diseases, climate change and economic crises. Genetically diverse populations of heritage grains can be grown without agrichemicals in a way that nurtures the soil, supports biodiversity and produces top quality grain. Heritage grain populations are also more resilient in the field and adapt to climate change. The first step in developing a more sustainable cereal production system is to embrace crop diversity in the field as well as in the bakery, brewery and distillery. This talk will bring together practitioners who work with heritage grains to discuss how these crops are being preserved, grown and used for food and spirits.

Living Mulches: The Future for Arable?

Matt England & Matt Smee

3:15pm - 3:40pm The Study

Join this session for a deep dive into how to effectively use living mulches (permanent legume covers) in arable rotations. Hear how farmers are tackling the challenges of setting up living mulch systems on their farms, learn about the elements you'll need to consider to establish living mulches and find out what on-farm research is telling us about the impacts these systems on soil health, weed populations, yield and beneficial insect populations.

'Leying Under Cover' – Does it Stack up?

Izzy Eames, Toby Simpson, Will Heygate & Ian Gould

3:30pm - 3:55pm Stand DF C38 (AHDB)

Return on Investment from cover crops and herbal leys in the arable rotation means different things to different people; can you quantify it, is it worth it, and how do you maximise it?

Accurately Measuring Soil Carbon

Tom Sadan

3:30pm - 3:55pm Agricarbon Stand PF G13

Agricarbon provides businesses and landowners with high-integrity soil carbon measurement. Agricarbon's robust services are grounded in scientific accuracy, making it a reliable partner for those seeking to make informed decisions in land management and/or carbon trading. This demo will showcase Agricarbon's 'CarbonForce', their soil core extraction ATV.

NIAB – The Science Behind Regen-Ag

Dr Lydia Smith

3:30pm - 3:55pm NIAB Stand DF F33

The science, technologies and strategies behind regenerative farming at NIAB showcasing how through sustainable intensification and precision agriculture we can still optimise productivity – producing more from less – while at the same time protecting and improving the condition of the land and surrounding environment. Explore the range of break crops, plus research work on legume crop improvement and, as part of the Centre for High Carbon Capture Cropping, take a look at some of the UK's input-efficient crops that may feature on farm in the future in response to our need for a more resilient agricultural system.

Understanding Biostimulants

Joel Williams

3:45pm - 4:55pm Soil Tent

There is a lot of buzz around biostimulants in recent times but what exactly are they and what do they do? This presentation will define biostimulants and outline some of the main biostimulant types along with their potential benefits.

Part 1 at 14:00

Heritage Grains: Walk to the Field

John Letts, Dr Emma Burnett, Dr Marina Chang, Colin Johnston, Dr Noam Chayut & Will Dorman

3:45pm - 4:40pm Discussion Tent

Join us on a walk and talk, where we can

discuss the move towards heritage grains, different ways of growing and using the grain, and have a meander around the heritage wheat field here at Lannock Manor Farm.

4:00 pm

Loyal to the Soil

Tannis & Derek Axten

4:00pm - 4:55pm Big Top

Over the last 15 years, our attention has shifted towards nurturing the soil and ecosystem where we grow small grains. By embracing regenerative methods like intercropping, control traffic farming, cover crops, and diverse rotation, we've fostered resilience within our agricultural system. We're excited to share our journey of transitioning our management approach, which has not only revitalized our soils but also rejuvenated our farm, family and community.

It's LUSH!...(Otherwise Known as) Linking Up Suppliers & Hubs

Dan Crossley, Suzy Russell, Jade Bashford & Kay Johnson MBE

4:00pm - 4:55pm Grass Tent

This session will explore novel ways that farmers can link into community food hubs and other community-based organisations to increase their reach, bring broader benefit from their farming and provide a whole host of other benefits for both farmer and community.

Reviving Hides & Skins as Valued Livestock Products

Alice Robinson, Lesley Mitchell, James Allen, Mike Redwood & John Mettrick

4:00pm - 4:55pm The Study

For regenerative livestock to be viable and sustainable, the non-edible outputs must be considered and valued. Historically, abattoirs were able to derive significant value from hides and skins but the market and infrastructure for these has largely collapsed due to the rise of synthetics and cheap imports. Yet these products not only make full use of the animal, reducing waste and providing income, but can create natural, quality, long-lasting materials, without degrading the environment. What is needed to restore value to these products? How can we shift away from single crop enterprises and towards diverse business models? What are the barriers and what is needed in terms of infrastructure, skills and market access? We will hear from people who are working directly to address these challenges and create innovative solutions.

Future Proofing Dairy Farms Through Landscape Design

James Robinson, Claire Whittle, Dr Lindsay Whistance & Peter Leeson

4:00pm - 4:55pm Speaker's Corner

How are dairy farms currently coping with extreme weather events? From heat stress in

livestock, to drought and flooding, what can we do to improve farm resilience in a future where extremes become the new normal? This session demonstrates how designing farmed landscapes can help deliver for livestock, their health and welfare, the wider environment and the farm's bottom line. The panel will discuss current research, knowledge gaps and importantly – how you can plan and implement some of these changes on your own farm now. There will be case studies from farmers who have begun to make adaptations and we will be time travelling to take a look at what their farms could look like in 2050.

Our Regenerative Journey – 2 Years on

Ian Davis, Sam Awdry, Angus Dalton, Anthony Ellis & Karl Starkie

4:00pm - 4:55pm Breakout Tent

In 2022, 5 of us ran a well-received panel discussion titled “Our regenerative journey”. We “met” some years ago via TFF, The Farming Forum, and have been actively engaging in regenerative agriculture related farmer knowledge exchange ever since. Since then we have all made large changes in our personal and business lives in continuation of our journey. We will reveal what we have each done since 2022, discussing our reasons and then throw ourselves open again to a “warts and all” question and answer discussion of what it means to be “on the regenerative journey.

Water: Dealing with Flood, Drought & Pollution

Alex Adam, Ben Andrews & Debbie Wilkins

4:00pm - 4:55pm Agroforestry Tent (PF B12)

Extreme weather events are moving from the exception to the norm, while increasing in frequency and severity. Flood damage alone already costs the UK £1.3 billion a year – a number likely to rise as the Met Office predicts flash floods could be five times more likely by the end of the century. Meanwhile scorching summer temperatures are leaving reservoirs depleted and farmers warning of the impacts as crop yields struggle. Hear from the farmers impacted by extremes and how this is impacting their production, what water-centric solutions and innovative practices could help going forward. With growing evidence and more examples of innovative practices, this is an opportunity to discuss a countrywide problem, from source to sea.

Harvesting Prosperity: Exploring the Financial Landscape of Regenerative Farming & Practices

Alec Smith, Charlotte Hudson, Toby Simpson & Joe Fisher

4:00pm - 4:55pm Discussion Tent

However the land is farmed, our goal is to farm profitably in a sustainable manner.

Improving profit and the soil health, year on year and for the next generation. Making a loss is not an option for most and becomes the main barrier to change. This presentation highlights experiences and opportunities for farmers who are debating when and how to proceed towards more regenerative practices. The panel will highlight their learnings from regenerative farming and its practices, and how it has affected their business's bottom line.

Soapbox Hour – 8 Minute Big Ideas

Rob Yorke, Jonathan Jones, Lucy George, Otilie Cunningham, Michael Kennard, Jo Poulton & Annabel Holmes

4:00pm - 4:55pm Seminar Tent

Hear 5 big ideas in 8 minutes each:

- GM Methods Provide Nature-Based Solutions for Crop Disease Control (Jonathan Jones)
- Tea, Soil & Social (Lucy George & Otilie Cunningham)
- A Carbon Negative, Community Supported, Soil Regenerative Model (Michael Kennard)
- Basic Income for Farmers (Jo Poulton)
- Horses for Healthy Land (Annabel Holmes)

It's All in the Mind. Why Adopting a Regenerative Mindset Might be the Only Way to Fast Track the Transition

Clare Hill, David White & David Wolfe

4:00pm - 4:40pm Soil Association Stand PF F13

In this session our panel will discuss their experiences of how adopting the right mindset was critical in unlocking regen success for their farms. Why is it important, and how do we encourage it and then use it to start to bring about benefits for both the farm business and for nature.

5:00 pm

Truffle Hunting

Nigel Hadden-Paton

5:00pm - 5:25pm Safari Tent

Using his Cocker spaniels, Nellie and Darcey, Nigel Hadden-Paton of Truffle UK will be giving a demonstration on hunting for truffle with dogs. As a pioneer with over 26 years experience in the truffle industry, Nigel will explain how to train a dog and talk about this highly valuable underground mushroom.

No-Till Potato Tour

Richard Harding

5:00pm - 5:25pm Safari Tent

Join Richard Harding and members of the Groundswell Team for a tour of our no-till potatoes.

Mob Grazing Kit Demo (Permanent Electric Fencing)

James Daniel & Jamie Jack

5:00pm - 5:25pm Stand A21 (PFL)

Explore Kivitech's fiberglass permanent posts and strong, flexible fences. Learn about energiser options, from compact solar to powerful mains setups, how to choose your energiser, and proper earthing techniques.

We'll be available after each demo for questions and look forward to inviting you back to our stand for a closer look at the equipment. Plus, grab some freebies if you're quick! See you there!

Spontaneous Fermentation Beer Demo & Tasting @ Crossover Blendery

Charlie Wood & George Stagg

5:00pm - 5:55pm Stand PF J4 (Crossover)

Come along to learn more about the world of spontaneous fermentation in beer and take a tour around the barrel cellar at the Grainworks. All the beers we make are aged in oak casks for up to 4yrs and utilise the best of local British fruit and grains. We will open a selection of beers for you to try during the tour. At the end you are welcome to enjoy a drink and buy beers to go.

Meet at our stand to walk to the Blendery Barn.

Andy Cato & Henry Dimbleby; Transforming the Food Landscape at Scale, Can it be Done?

Henry Dimbleby & Andy Cato

5:30pm - 6:25pm Big Top

Henry Dimbleby, in the National Food Strategy (2022) and his book Ravenous (2023) has focused public attention on the urgent challenges facing the food system and how we must work together, across farming, government and industry, to build a system which is good for the health of people and the planet. Andy Cato, Grammy Award winning musician and farmer is the co-founder of Wildfarmed, a pioneering regenerative farming and food business working with a community of farmers to create a viable alternative to the current extractive food system. Henry and Andy will share perspectives from their experiences challenging the status quo at every step of the food supply chain and offer viable, tangible and implementable solutions for what needs to be done next.

The Science Behind Regenerative Agriculture

Prof Mario Caccamo & Elizabeth Stockdale

5:30pm - 6:25pm Seminar Tent

As we face the challenges of climate change and growing crops that are healthier, environmentally friendlier and profitable, can

we sustainably intensify the way we produce food? The technologies and strategies behind regenerative farming stand at the intersection of these challenges. But there is a need to provide the science to scale-up and underpin its credibility. This session will discuss NIAB's vision of regenerative farming; that it shares with sustainable intensification and precision agriculture the aim of optimising productivity – producing more from less – while at the same time protecting and improving the condition of the land and surrounding environment.

Soil Farmer of the Year 2024

Emma Adams

5:30pm - 6:25pm Grass Tent

Since 2015, our Soil Farmer of the Year Competition has helped to find, promote and champion UK farmers who are passionate about safeguarding their soils and building resilient businesses. Soil underpins the entire farming system. A healthy well-managed soil rich in organic matter will support productive and healthy crops and pasture, which in turn supports a profitable and resilient farming system. This session will announce the winners of the 2024 competition and host a panel session with these farmers with the opportunity to discuss how they are managing their resilient, regenerative and sustainable businesses with soil at the heart.

Reclaiming the Regenerative Narrative: A Writing Workshop

Sarah Langford, Graham Harvey, Zoe Colville, Muna Reyah & Will Evans

5:30pm - 6:25pm Discussion Tent

As the nature writing sector booms, this is a golden time for the 'farmer writer'. But as big business encroaches into the regenerative space, it is critical that farmers and growers learn how to tell the story of their farming journey for themselves, whether through a book, newsletter, blog or website. Stories matter: they are how we explain the world. Powerful narratives can change minds and hearts and influence behaviour. This session will be part discussion, part practical workshop. Comprising a panel of experienced farmer-writers, journalists and editors it will offer writing and practical advice, from how to craft a proposal or pitch and get published to how best to communicate a farming story to customers.

Re-thinking Agricultural Education

Prof Tom MacMillan, Dr Kayleigh Crouch & Liz Lawrenson

5:30pm - 6:25pm The Study

What should you learn if you study agriculture? For the first time, the UK universities that teach agriculture have teamed up to map what they cover and develop new shared modules. Hear what they found, how the curriculum is changing, and share your views and experiences.

One Health: From Soil to Stomach

Ana Reynolds, Joel Williams, Dan Kittredge, Tom Pearson & Dr Hannah Fraser

5:30pm - 6:25pm Speaker's Corner

Connecting management practices to nutrient density and human health outcomes: what do we know and what are the opportunities for farmers and growers?

More than a By-Product: Reviving British Markets for British Wool

Maria Benjamin, Lesley Mitchell, Jennifer Hunter, Stephen Tricks & India Hamilton

5:30pm - 6:25pm Soil Tent

How do we move from a position where wool is considered a by-product (or even a waste product) of the meat industry to one where it is valued as a co-product or crop? What changes need to be made in the current system and infrastructure to create a buoyant market for wool in the UK? How can farmers and wool handlers help to drive the changes they want to see? In this session, our panel of farmers and wool processors will discuss the problems and possibilities in practical terms.

This session is a collaboration between Sustainable Food Trust & Julie Baber at Pigs Moor Farm.

The Power of Regen Films From Both Sides of the Pond

Peter Byck, Colin Ramsay, Claire MacKenzie, Anna Jackson, Adrienne Gordon & Ben Thomas

5:30pm - 6:25pm Breakout Tent

This session will include clips from the films Six Inches of Soil (UK) and Roots so Deep (USA), and these will showcase how the filmmakers have navigated the nuances of soil health and regen ag. The session will share how the films have helped communicate regen to a wider audience, from farms to city cinemas, and the impact of the 'in person' screenings. This will also be an opportunity to hear from the three main stars in Six Inches of Soil; they will share their experiences in being involved in the film and the impact it has had on their lives.

The session will include a complimentary drink and book signing of the recently released Six Inches of Soil book!

6:00 pm

The Power of Food – Gut, Broth, Bone

Polly Baldwin

6:00pm - 6:55pm Jolly Allotment Stand

Food activist and Naturopathic Fire Chef Polly is the founder of the Jolly Allotment regenerative Wellness Hub and festival food

truck The Jolly Trolley.

Polly learned the power of eating and growing chemical free food when it saved her life. Polly was told there was nothing in modern medicine that could cure her from a debilitating and life threatening autoimmune condition. She had to choose to die or find a way to live. So she turned to ancient ways of healing through living from the land.

Reconnecting to food, nature and the regenerative cycle of life saved her own life. Her key note talk empowers all those that hear it to not only take responsibility for their own health and happiness but also our planet. The talk covers the importance of bone broth, plants and the circle of life for regeneration of body tissue. It is an important message as we are heading to an auto immune pandemic and the way we eat and grow food has the power to make a lasting change for the health of our people and our planet.

She helps all those that listen understand the absolute power we have in how we choose to grow and eat the food that feeds us and the ground we live on. It is a truly incredible story that never fails to connect with all those that hear it creating so many resonating moments.

Polly is a Scholar of the blue zones, gut health and ancient human rituals. Her knowledge helps people reconnect to the land, community and themselves through the power of food. She is living proof that food is truly nature's medicine.

Mob Grazing Demo

John Cherry & Paul Cherry

6:30pm - 7:25pm Safari Tent

Join John & Paul Cherry (Host farmers) as they demonstrate moving the mob on the herbal ley and answering any questions.

Drinks in the Study

6:30pm - 7:55pm The Study

Interested in studying agriculture at university or college, or have family or friends who'd like to? Come for a drink with lecturers from more than a dozen universities across the UK. Compare the courses on offer, or share your own experience of studying agriculture and meet old friends.

Drinks sponsored by Landex – supporting land-based colleges & universities across the UK.

Wakelyns: 30 Years of Agroforestry Innovation

David Wolfe, Will Simonson, Josiah Meldrum & Henrietta Inman

6:30pm - 7:25pm Agroforestry Tent (PF B12)

In March 1994 the first trees of Wakelyns Agroforestry were planted to begin fulfilling the vision of Professor Martin Wolfe and his wife Ann for a sustainable and adaptable farming model based on agroforestry to challenge the status quo of prevailing intensive monoculture. Designed to be a demonstration of different types of agroforestry, which was highly novel in Britain at the time, Wakelyns has fulfilled

Wednesday 26th

that objective in spectacular ways over the subsequent 30 years. In an informal social event to celebrate the vision, achievement and ongoing innovation of Wakelyns, David Wolfe and wife Amanda, and some of the Wakelyns team will provide recollections on the past and plans for the future.

One Health: From Soil to Stomach – Carrying on the Conversation

Ana Reynolds, Joel Williams, Dan Kittredge, Tom Pearson & Dr Hannah Fraser

6:30pm - 7:15pm Speaker's Corner

Following on from our 5.30pm session – join us for an informal chat and Q&A with the speakers. Refreshments provided.

7:00 pm

Getting Healthy in Toxic Times – Book Launch & Signing with Dr Jenny Goodman

Dr Jenny Goodman

7:00pm - 7:55pm Breakout Tent

Having spent decades treating patients with long-standing health issues caused by toxins, Dr Jenny Goodman has a deep understanding of how our environment dramatically impacts our health. Join Dr Jenny for an illuminating conversation around the launch of her new book *Getting Healthy in Toxic Times*, where she explores how the staggering rise in chronic disease has a direct link to the soil our food is grown in, the water we drink, the air we breathe, the items we bring into our home and so much more. Dr Jenny will share how we can avoid everyday toxins, both as food producers and as consumers, helping us to improve our own health, as well as that of the planet.

The session will include a complimentary drink and book signing!

Fireside Chat with John Kempf & Koen van Seijen

John Kempf & Koen van Seijen

7:00pm - 7:55pm Big Top

Hosts of the most followed and longest existing podcasts in the regenerative agriculture and food space, John Kempf and Koen van Seijen will be in conversation at Groundswell 2024. John bridges the cutting edge of regenerative science and professional farmers who want to improve their daily ag business and Koen bridges the worlds of finance and regenerative farming. They have been crossing paths and mics multiple times in the past years and share a deep knowledge and curiosity of the current regenerative transition in agriculture, food and beyond. What is the role of science? Inputs? Advisors and consultants? And what about the role of finance? Join them with a tea, a beer or glass of wine for an intimate wide ranging conversation.

Let's Talk Food: Listening to Citizens, Business & Farmers

Sue Pritchard, Anna Taylor, James Perry & William Kendall

7:00pm - 7:55pm Seminar Tent

Citizens say they support farmers and want food business and government to act. So how do we accelerate change? This session will be a relaxed and inclusive conversation about transforming the UK food system for the better. Drawing on the Food, Farming and Countryside Commission's groundbreaking Food Conversation project, we will hear from citizens about their priorities, and put their perspective to food business leaders and regenerative farmers. We will open up the conversation with the audience as we try to work out what's holding back change and build consensus and momentum ahead of the election.

Working with Wool: Demonstration & Skill-Sharing

Deborah Barker, Jennifer Hunter, Julie Baber & Megan Perry

7:00pm - 7:55pm Grass Tent

This will be an informal drop-in space where you can bring your own wool project or try your hand at a range of wool-based skills such as spinning, weaving, carding or knitting. Come and relax after a busy day of talks and meet like-minded people or learn a new skill. If you have a wool skill you would like to share then please get in touch so we can coordinate on the day. Everyone welcome! Organised by Sustainable Food Trust, Pigsmoor Farm, Pasture for Life and South East England Fibreshed.

If you would like to come along, please email megan@sustainablefoodtrust.org (Booking not essential)

Cheese & Wine Hour

Angus D. Birditt & Anne Jones

7:00pm - 7:55pm Discussion Tent

Join Angus D. Birditt and Anne Jones for an hour celebrating and sampling artisan cheese and wine that focus on nature-friendly, biodynamic farming principles. This will be a chance to relax after a full-on day of learning, a chance to learn about cheese and wine but also sit down and relax with friends new and old.

Tickets £15 from the Bookstore (limited numbers)

**CHEESE
& WINE
HOUR**

WEDNESDAY 7PM | GROUNDSWELL

Join Angus D. Birditt & Anne Jones as they celebrate cheese and wine produced with an appreciation for the land, animals, people and soil.

Tickets are available to buy at the Bookstore (these are limited tickets!)

Thursday 27th

6:00 am

Early Morning Bird Walk

**Richard Winspear, John Day,
Shelley Eden & Mark Nowers**

6:00am - 6:55am Meet at the Taxi Rank

Whether you are a novice or a seasoned expert, join us for an early morning walk to enjoy the sound of birdsong and look for birds and other wildlife around the site.

7:45 am

Morning Embodiment Class

Marianna Sfyridi

7:45am - 8:40am Grass Tent

This class specialises in authentic movement borrowing elements from Capoeira, Dance and Grounding methods. It is open to all levels and ages, no experience necessary and it's a great opportunity to develop a technique combining conscious movement in connection to the earth. It's good fun and ideal for those who want to move more consciously and release stress and unnecessary tension.

8:00 am

Ancient & Veteran Trees on Farms

**Louise Hackett, James Robinson
& Mark Franklin**

8:00am - 8:55am Meet at Taxi Rank

Join a practical walk-out session to view veteran trees at Groundswell; discover why they are special and look at practical solutions for management on your farm. You will learn how to care for these valuable trees and how to identify risks in both arable and grazed contexts, including tree disease such as ash dieback. The best practice principles discussed also apply to the management of younger trees, as ancestors of the future. Trees support more sustainable and productive agricultural landscapes. Ancient and veteran trees are important for wildlife, as well as being significant historic and cultural landmarks.

9:00 am

Why Regen Ag?

**Anna Krzywoszyńska, Joel
Williams, George Hosier & Ed
Horton**

9:00am - 9:55am Big Top

Joel Williams and Anna K lead a discussion on why a move to Regen Ag is the right move – both from a science and mindset viewpoint.

What are the Potential Risks & Rewards of Gene-Editing in Sustainable Food & Farming?

**Dan Crossley, George Young, Giles
Oldroyd, Kierra Box & Brendan
Costello**

9:00am - 9:55am Seminar Tent

Since the Genetic Technology (Precision Breeding) Act was passed into law last year, gene-edited, or 'precision bred' organisms (PBOs) could soon become a reality in England. But what are the implications of this emerging legislation, and what safeguards need to be put in place to protect and inform farmers and consumers alike? In this session, we hear from a wide range of perspectives about the risks and opportunities presented by the deregulation of genetic engineering, and aim to find consensus around how the technology can fit into a sustainable food and farming system in years to come.

What's Happening Below the Surface to Drive the Change? Soil Health in Horticultural Strip Tillage Systems

**Pete Richardson, Chris Molyneux
& Dr Jennifer Rowntree**

9:00am - 9:55am Grass Tent

Why and how does strip tillage in vegetable crops benefit the soil and its biology? We take a whistle stop tour of the fundamentals of utilising strip tillage techniques in field scale vegetables to understand not only the practical benefits to the grower but what is driving this below the surface.

Supporting the Next Generation of Farmers

**Ana Reynolds, Phil Carson, Holly
Purdey, Elise Sutton & Matthew
Elphick**

9:00am - 9:55am Discussion Tent

Four new entrant farmers discuss their experiences of entering the sector, taking on new or family enterprises and navigating the obstacles of establishing regenerative systems. They'll discuss starting up with low capital, access to land and finance, business planning, community involvement and what's missing in giving more opportunities to new entrants.

Revenue & Resilience: Stacking Environmental Practices & Payment Schemes

**Alastair Leake, Tom Knowles,
Matt Clegg & Digby Sowerby**

9:00am - 9:55am The Study

What is the value of moving towards nature focused farming? Where are farmers stacking ecological practices, environmental payment schemes and private finance. Join this session to hear how you can make the most of payment opportunities and adopt them at different scales to create positive impacts on the environment and improve the resilience of your farm.

Does Our Healthy Eating Crisis Need Growers to Step up to the Plate?

**Sheila Das, Polly Baldwin & Sam
Hambretan**

9:00am - 9:55am Speaker's Corner

Everything we eat is born from the soil, so why is 'healthy eating' still focused on the fork? Along with chefs and nutritionists, growers from the Golden Triangle of good food. Incredible dishes aren't possible without nutrient-dense produce. Growers must understand the power they wield from what they grow – in short, their role in improving the nation's health, from pitchfork to table fork. So how can we connect the dots between growers and those serving food to consumers? Our panel will explore how to educate and empower growers on the critical role they play in unlocking the power of food, and how chefs and nutritionists can understand our soil, harnessing and educating consumers on the magic from the earth.

Pastured Poultry – When Economic & Environmental Benefit Meet

**Hannah Thorogood, Radka
Gromnikova, George Ford &
Jacob Sykes**

9:00am - 9:55am Soil Tent

Following on from the pastured poultry 101 session last year, this session will be looking at case studies of a range of pastured poultry systems. Each farmer will introduce the nuts and bolts and numbers of their system, discussing the environmental and economic benefits of poultry to their farms. We will lead onto an interactive discussion so participants can explore the potential of poultry options for their own farms.

Setting up an Agroforestry Nut System in Synergy With Landscape Scale Biodiversity

Sarah Brockless & Jamie Dixon

9:00am - 9:55am Breakout Tent

Spains Hall Estate are in the process of setting up a large-scale agroforestry nut system interspersed with a complex, connecting mosaic of farmland conservation habitats. This presentation will cover the practical aspects of planning and the implementation of this landscape scale project across 380 hectares of typical Essex arable farmland. We will discuss the synergy between creating a different type of production system whilst headlining biodiversity, with challenges, compromises and

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benefits laid bear! We'll also share our thoughts on how we will adapt the system for the future.

Mycelium-inspired Community Composting ... Cultivating Collaboration for the Compost Revolution!

Thomas Daniell

9:00am - 9:55am Soil Medic Tent

Compost Tom / Thomas Daniell is the founder of Old Tree Brewery and Old Tree Soil. Social enterprises combining fermentation and composting to support regenerative food system transformation. He is the host of the Mycelium Composting Network – a growing movement and forum for local composting that has over 100 members building a grassroots co-learning and knowledge sharing network to make complete compost everywhere so it can be supplied locally anywhere!

A Progress Update on Cotmarsh Tannery

James Allen

9:30am - 10:25am Fibreshed Stand
PF C22

An update on progress at Great Cotmarsh Farm to set up a new micro tannery for vegetable tanning cattle hides to produce high quality leather with provenance.

10:00 am

Rainfall Simulator

**Joel Williams, Odette Ménard &
Danny Coffey**

10:00am - 10:25am Afinity Stand

See the dramatic effect of two inches of rainfall on soils under different management regimes: no-till and cultivated, with and without cover and under permanent pasture.

'Wake the F* Up!' Eddie Abbew in Conversation With Mallika Basu**

Mallika Basu & Eddie Abbew

10:00am - 10:55am Earthworm
Arms Big Top

What happens when a professional body builder becomes an unlikely champion for real food? Eddie Abbew's simple message about junk food hit hard as he took to social media to vent his frustrations on heavily marketed, confusingly labelled, poor nutrition products flooding stores in expletive ridden rants. He now boasts nearly four million followers on Instagram, almost 1.5 million followers on TikTok and some haters in their midst too.

Join food writer and commentator Mallika Basu as she speaks to Eddie about Ultra-processed food in our diets, speaking a language that people understand and the importance of action on the ground if we want to see change happen.

Biodiversity Bimble

**Elysia Bartel, Rachel Richards, Dr
Sarah Cook, Allison Clarke, Daisy
Headley, Jude Bennison &
Douglas Brown**

10:00am - 10:55am Safari Tent

Meet ADAS scientists and Farm Wildlife entomologists and learn to recognise some key farmland invertebrates and wild plants. Take a stroll with Daisy Headley and Allison Clarke from Bumblebee Conservation Trust, Rachel Richards from Buglife, and ADAS entomologists Elysia Bartel, Jude Bennison, and plant scientists Douglas Brown and Dr Sarah Cook. Come on the guided walk to explore the biodiversity of the Groundswell meadow and discuss methods for promoting wildlife on farms and encouraging natural pest control. We will use sweep nets, pooters and pitfall traps to discover which pests, predators, pollinators, and other wildlife are living here on site and which plants provide their habitat.

Agroforestry: Silvoarable Alley Cropping & Silvopastoral Roundels

Jack Starbuck & Paul Woodgate

10:00am - 10:55am Safari Tent

The Woodland Trust have been working with the Cherry family to establish a silvoarable alley cropping system and silvopastoral roundel system at Lannock Manor Farm. Walk out with Paul Woodgate and Jack Starbuck from the Woodland Trust, to see the two systems in practice. Discover the key things to think about when considering this kind of system, from setting objectives for planting, through to the practicalities for ground preparation, spacing's and alley width, species selection, protection, aftercare, Trust Schemes, other options.

Pasture for Life Certification

Bryony Marshall

10:00am - 10:25am Stand A21 (PFL)

Come to this session on the PFL stand to learn more about the Pasture for Life standards and certification.

Navigating Grant Funding Opportunities to Build the Business Case for Agroforestry

**Ian Knight, Beth Metson, Ben
Makowiecki & Archie Ruggles-
Brise**

10:00am - 10:55am Agroforestry
Tent (PF B12)

Defra support payments for agroforestry are finally reaching the market, but how can farmers and land managers take full advantage to create sustainable incomes from commercial tree planting while delivering public goods.

Kings Crops Plot Tour

10:00am-10:25am Kings Stand DF
D40

Kings Crops, the Groundswell Event Cover Crop Partner, welcome you to a walk and talk tour of their 30 diverse crop plots in the Demo Field. Learn from our team of advisors on how the innovative range of options on display can deliver an integrated approach for your soil health, integrated pest management, forage, Sustainable Farming Incentive, stewardship and private sector funding needs whilst improving water quality and the wider farmed environment. Autumn and spring sown catch, cover, companion, living mulch, grazing, winter bird food, pollinator and hedgerow options are all on display helping to bring your regenerative farming opportunities to life.

Is Looking After our Soil the Key to Cleaning up Rivers?

Tom Stuart & Emily Hunter

10:00am - 10:40am Soil Association
Stand PF F13

Agricultural land management impacts the environment surrounding the farm as well as that further afield. Nitrogen applied to the soil in excess leaches into nearby waterways, driving algal blooms, or into the air, contributing to climate change. Once in the air, these pollutants also damage human health, causing lung damage and heart disease, and drive biodiversity loss when deposited on sensitive habitats. River catchments are exposed to a range of stressors, whether that be wastewater, chemical contamination, or agricultural pollution driven primarily by nutrient leaching. Soil management directly affects the water quality in nearby water systems, with nutrients accumulating throughout the catchment as the water drains through the soil. This panel will discuss what farmers can do to reduce their impact on the river catchment, the wider environment and human health, while benefiting from reduced input costs.

Farm Bird Surveys – Tracking Effects of Conservation Measures

Gavin Siriwardena

10:00am - 10:25am BTO Stand PF
G15

Lots of farms and estates are actively managing to enhance biodiversity, but lack evidence that what they are doing is working and the formal monitoring activity that would deliver it. However, evidence is important to show what is working and to feed back so that improvements can be made if needed. The BTO can provide a range of professional bird monitoring packages, comparing on-farm changes to those shown by regional data. The plan is that results from multiple farms ultimately come together to give us a novel, national data set. I will introduce the options and tell you how you can get involved.

Mobile Dairy: Making it Work

Tim May & Oliver Chedghey

10:15am - 10:40am The Study

Find out how mobile dairy operations have been integrated on to the Kingsclere Estate. Learn about the practicalities of running a mobile dairy, and what this means for the health of the farm and for animal welfare.

Sensing Change: Taxonomy or Technology?

Dr Laura James, Dr Niamh McHugh, Sophie Alexander & Patrick Barker

10:30am - 10:55am Stand DF C38 (AHDB)

In this session we will be joined by two farmers who have taken different approaches to biodiversity baselining, and a farmland ecologist empowering farmers to take control of their own biodiversity data, to ask; 'does farmland have a lack of biodiversity OR a lack of biodiversity data?' and 'Where does the value lie in biodiversity monitoring on-farm?'. Biodiversity baselining can provide data essential to tracking the impact of changes in on-farm management practices. However, traditional monitoring techniques can require extensive recording, knowledge, time and money. How do we make biodiversity monitoring accessible to all? Can technology resolve this resource bottleneck and put the power in farmer's hands when it comes to biodiversity monitoring?

Mob Grazing Kit Demo (Temporary Electric Fencing & Mobile Water Systems)

James Daniel & Jamie Jack

10:30am - 10:55am Stand A21 (PFL)

Discover the Kiwitech PAC Winder, Kiwitech Drag & Micro Water Troughs, and their quick connect hydrants. Special Guest Tom will also demonstrate his revolutionary water pipe winder attachment for the Burge Bale Unroller.

We'll be available after each demo for questions and look forward to inviting you back to our stand for a closer look at the equipment. Plus, grab some freebies if you're quick! See you there!

NIAB – The Science Behind Regen-Ag

Dr Lydia Smith & Joe Martlew

10:30am - 10:55am NIAB Stand DF F33

The science, technologies and strategies behind regenerative farming at NIAB showcasing how through sustainable intensification and precision agriculture we can still optimise productivity – producing more from less – while at the same time protecting and improving the condition of the land and surrounding environment. Explore the range of break crops, plus research work on legume crop improvement

and, as part of the Centre for High Carbon Capture Cropping, take a look at some of the UK's input-efficient crops that may feature on farm in the future in response to our need for a more resilient agricultural system.

Listening for Worms to Assess Soil Health

Dr Carlos Abrahams

10:30am - 10:55am Baker Consultants Stand PF G24

Soils are noisy – burrowing earthworms, marching ants and soil insect songs can be heard using sensitive soil microphones. In this session, we'll share our early discoveries the research into the soundscape under our feet. Our DEFRA-funded research has enabled us to work with researchers and farmers across the UK to explore if a noisy soil is a healthy soil. This session will provide an insight into the different sound-making animals which live in the soil, where they are, what they do and why they are important.

Hand-Held Scanners for Soil Carbon Measurements

Jessica Underwood

10:30am-10:55am Affinity Water Stand

In this demonstration, Jessica Underwood will present two hand-held devices designed to measure soil carbon and other properties directly in the field. With current soil sampling methods having such high time and monetary costs, these devices have real potential for revolutionising soil carbon measuring, as they are cheap, quick and easy to use. Her PhD research is focused on how well these devices work, and looking at how they could be used by farmers. She will explain how they work while giving a demonstration, and be available for questions after. Join her to see these devices in action and discuss their implications for the future of soil management.

11:00 am

Growing Food

Tannis & Derek Axten

11:00am - 11:55am Seminar Tent

We aim to create healthy soils to produce nutritious food. Establishing a food-grade, HACCP Certified seed cleaning plant, flour mill, and packaging line directly on our farm enables us to connect directly with our customers. By adding value to our products, we contribute to the growth of our local community. Ultimately, our true goal is to bring life back into each aspect of our ecosystem.

Can Milk be Green?

Uncovering the Potential of Regenerative Dairying

Becky Willson, Tom White, Lee Truelove, Andrew Brewer & Andrew Rees

11:00am - 11:55am Grass Tent

Grass based dairy systems are often seen as

carbon inefficient using traditional metrics. This session will focus on the key questions around the future of UK dairy farming challenging the narrative provided by these metrics. It will highlight existing activities undertaken by three different milk processors and cooperatives to measure the impact of changes in management systems, including evidence from on-farm trials carried out by farmers who have made the transition to regenerative systems, demonstrating the importance of dairy systems to soil health, resilient landscapes and combating climate change. Hear how they are changing the metrics, empowering their farmers to try new things and how these farmers have implemented regenerative practices to disrupt the status quo.

British Cut Flower Revival: Farming & Flowers a Match Made in Heaven

Olivia Wilson, Roisin Taylor, Calixta Killander & Anna Taylor

11:00am - 11:55am Discussion Tent

What does agroecological flower growing look like and how does it fit within the current regenerative movement? We will discuss potential collaborations, routes to market and inclusion of flower farming in land use and food system debates.

Regen Research Priorities

Prof Tom MacMillan, Dr Julia Cooper & Elizabeth Stockdale

11:00am - 11:55am The Study

Where would the research effort and investment best help regenerative farming? Hear the findings from two recent reviews – a stocktake of farmers' top priorities from across all sectors gathered by the NFU and Centre for Effective Innovation in Agriculture, and an independent assessment of the evidence on regen ag by ORC, NIAB and Agritech-E. What did they find? What are your own priorities?

Soil Profiles & Dynamics Soil Characteristics

Odette Ménard

11:00am - 11:55am Soil Tent

Degrading soil structure is much easier than improving it! Learn why you need a soil profile, how to read one and how to measure its dynamic characteristics on the farm.

Building Enthusiasm & Building the Evidence Base for Regenerative Agriculture

Anna Krzywoszynska, Cindie Christiansen, Abby Rose & Tom Edmondson

11:00am - 11:55am Breakout Tent

Thanks to the regen ag movement, farming is exciting again. At the same time, transitioning into regen ag, sticking to it, can be seen as risky. What can we do to make regen ag attractive and interesting to a new

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generation of farmers? And what can we do to support farmers in their transition, and strengthen the collective knowledge of best regen ag practice? For example Foodprint Nordic have just secured millions of euro in funding to spread the word about regen ag through their Top 50 Farmers program.

In this panel session Abby Rose of Soil Mentor, Cindie Christiansen of Foodprint Nordic, and Anna Krzywoszynska from Oulu University will showcase some of the innovative solutions that are emerging to grow and support the regen ag community, and discuss ways forward.

Teach in: Nature Markets – Opportunities, Risks & Collaboration

Helen Avery, Susan Twining & Glenn Anderson

11:00am - 11:55am Speaker's Corner

You will have heard of opportunities to turn natural capital into an income stream from sustainable farming and ecosystem services. But what does this mean in practice for you as a land manager? This session will take you through the risks and realities step-by-step. We will cover the different types of opportunities available, how to evaluate what is right for you, the different routes to income from nature based projects and how land managers can work together to access opportunities. Key questions we will cover include:

- What funding is available from government schemes?
- What are the private sector opportunities?
- How can farmers work together to access nature markets?
- Do the economics stack up?
- Long term contracts, costs of entry, supply and demand etc
- How to access the market
- How to get started

In the First 100 Days of a New Government, What Needs to Happen to Support Regenerative, Nature Friendly Farming?

Beccy Speight, Gavin Lane, Holly Purdey, Harry Howell & Anthony Curwen

11:00am - 11:55am Big Top

This year's Groundswell comes just a week before the British public go to the polls for a General Election. The next Government will inherit food and farming policy at a time of considerable challenge and opportunity.

Measures need to be taken across the next Parliament to improve public health, tackle climate change, restore nature and support a thriving domestic farming industry, but there are priority areas requiring immediate action.

This panel will consider what needs to happen in the first 100 days of the next Government to ensure success for food, farming and nature.

Farming Fashion: Wool

Emma Hague, Deborah Barker & Mila Burcikova

11:00am - 12:25am Fibreshed Stand PF C22

Opportunity for farmers of native and rare breed sheep to get involved with the Future Fashion Landscape research project following the launch of the Farming Fashion: Wool guide at ORFC in January.

Farmer Perspectives: Sustainable Farming Incentive

11:00am - 11:55am Soil Association Stand PF F13

Hear from a panel of organic farmers and find out how the new Sustainable Farming Incentive and Countryside Stewardship schemes can benefit your farm.

12:00 pm

British Cut Flower Revival: Farming & Flowers – Networking

Olivia Wilson, Roisin Taylor, Calixta Killander & Anna Taylor

12:00pm - 12:25pm Discussion Tent

Are you a flower grower without land to grow? Are you a farmer with areas of land that are unsuitable to work in your current model? We are here to bring together the ultimate guided networking session. Why not join us to explore whether you are the perfect match for a grower or land owner around the UK?

Dung Beetle Safari

Sally-Ann Spence, Claire Whittle, James Allen & Bruce Thompson

12:00pm - 12:55pm Safari Tent

Join us on a tour of dung pats hunting for dung beetles. Dung beetles are vitally important insects improving the quality and structure of soil, cleaning pastures, reduce parasite burdens in livestock and providing a variety of other crucial services. Changes to agricultural practices and intensification have had significant impacts on them; particularly wormer use has caused a reduction in numbers. Come and explore the world of the dung beetle, learn how to find, assess and identify different types of dung beetle; from dwellers to tunnellers. Dung Beetles for Farmers was set up by a group of farmers, entomologists, and a vet to raise awareness of dung beetles in the farming community and give pragmatic advice how to support them.

Pond Safari – Regenerating Lost Freshwater Habitats

Jilly McNaughton, Nigel Russell & Lucy Jenkins

12:00pm - 12:55pm Stand PF E1 (FWAG)

Join us for a Pond Safari to explore some lost

ponds at Lannock Farm and see how, with a little work (guided by the latest science) these habitats can be restored to deliver huge gains for biodiversity on the farm and in the wider landscape. We will visit a pond which has been recently restored under Natural England's District Level Licencing scheme for great crested newts, consider the potential for further pond work on the estate, (including, excitingly, resurrecting 'ghost' ponds!) and discuss sources of funding for this type of work.

Soil Surgery

Tom Fairfax, The Land Gardeners, Jeff Allen, Kate Gateacre, Tim Williams, Daniel Iddon, Andrew Sincok, Daniel Tyrkiel, Thomas Daniel & Michael Kennard

12:00pm - 12:55pm Soil Medic Tent

Drop-in Session for solutions to feeding soils on farm.

Rainwater Harvesting – Collecting the Natural Resource

Michael Jorden

12:00pm - 12:25pm JRH Stand PF C9

Find out and discuss what rainwater harvesting is, how it works and what systems can be installed. Agriculture harvests many things why not rainwater?

Eco Green Composting / King Feeders Demo

12:00pm - 12:25pm Eco-Green Composting Stand DF A35

Eco Green Composting / King Feeders will be exhibiting their bio chopper / blender and windrow turner. King Feeders UK based in Cheshire, specialist in the supply of green waste composting machinery and has wide ranging experience in this area of equipment, with a proven track record of supply to a range of different sectors. The Eco Green composter offers simple, reliable and economic means of recycling. They grind, mulch and mix bio-degradable products. Material is significantly reduced and can be blended with other products. These machines operate at a very low noise and nuisance level.

On-Farm Development of an Electric Market-Gardening Tractor

David Brunmayr & Lukas Griesbacher

12:00pm - 12:25pm Organic Tools Stand DF A36

Organic Tools presents the prototype of a new electric walk behind tractor called TRAKTRAK, with the aim to discuss opportunities and challenges of a smallscale, regenerative and postfossil agriculture. Bring your experiences and ideas to engage in the ongoing on-farm development process around the market garden agrocycle. Market gardening is a promising cultivation approach with regional food sovereignty and high profits per acre. However, the

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significant workload, leads to the tendency of burnout among young farmers. The existing technology drives economies of scale and pushes farmers to grow big. The fundamental question on the development journey was: How can TRAKTRAK transform diversified, regenerative agriculture in the same way that conventional tractors have revolutionized industrialized agriculture?

Return of the Golden Hoof

John Pawsey, Phil Stocker & Robert Spink

12:15pm - 12:40pm The Study

When people talk about bringing grassland and sheep back onto arable land, you often hear older generation shepherds use the phrase 'the golden hoof'. It used to be commonplace for sheep to be considered useful on arable farms. Fast forward to now, and specialist arable and cropping farmers are recognising the need to improve soil structure and fertility and find alternative controls for problem weeds.

Join us for this applied session to hear from the National Sheep Association, it's farmers members and graziers, as they explain the practicalities of introducing sheep into your business. From infrastructure to grazing agreements there's an array of practical information you'll need to ponder if you want to benefit from the return of the golden hoof.

Forage Products for Regenerative Agriculture

Janet Montgomery & Roger Bacon

12:30pm - 12:55pm Barenbrug Stand D45

Come along and see some of the Barenbrug products available, and discuss their fit and use on farm. From intensive cutting options through to biodiverse mixtures for challenging conditions, come and ask our forage agronomists how our products can help you achieve your goals on farm.

Accurately Measuring Soil Carbon

Tom Sadan

12:30pm - 12:55pm Agricarbon Stand PF G13

Agricarbon provides businesses and landowners with high-integrity soil carbon measurement. Agricarbon's robust services are grounded in scientific accuracy, making it a reliable partner for those seeking to make informed decisions in land management and/or carbon trading. This demo will showcase Agricarbon's 'CarbonForce', their soil core extraction ATV.

PES Technologies Soil Health Measurement Tool Live Demonstration!

Dr Jim Bailey & Andrej Porovic

12:30pm - 12:55pm PES Technologies Stand DF E34

PES Technologies has developed a game-changing tool which provides on-the-spot, near-instant data that can be used for a comprehensive soil health assessment – while out in the field. A variety of biological, chemical and physical soil health indicators are provided, including microbial biomass, respiration and soil organic matter content; the tool does this by analysing the activities of a soil's microbial community. The PES sensor system is hand-held, battery-powered, and controlled with a smartphone app. Soil samples are analysed directly in-field, and no sample preparation is required beyond putting soil into our tool. The entire process, from start to finish, only takes minutes, meaning you can see what's going on below your feet, while you observe your field. All results are GPS-logged and time-stamped, making it suitable for baselining and tracking changes over time as well as SFI and other Measurement, Reporting and Verification (MRV) schemes. Come to the PES Technologies stall to see us analyse soil in real time!

1:00 pm

Reversing Our Reliance on Ultra Processed Foods: How has our Food System Led us to Rely on UPFs & What Can we do to Change This?

Mallika Basu, Martyn Lee, Sue Pritchard, Nena Foster & Lulu Grimes

1:00pm - 1:55pm Big Top

Come to this session hungry for a return to real food! Mallika Basu, food writer, culture commentator and host of the Good Food (formerly BBC Good Food) podcast will lead a lively debate on what led to the high proportion of UPFs in our diet. The panel will be talking about those subverting the system, the role of product development and retail, consumers as citizens for change and food culture today.

Managing Nutrition for Insect Resistance

John Kempf

1:00pm - 2:10pm Seminar Tent

We know that insect and disease pressure often begins in one area of a field. Insects do not show up in fields at random. Instead, they are attracted to plants transmitting specific stress signals. These stress signals can be the result of extreme soil or weather conditions such as saturated soil or high temperatures, but they are most commonly a result of nutritional imbalances. When nutrients are imbalanced within the plant, the result is an altered plant physiology. Carbohydrate profiles and the balance of various forms of nitrogenous compounds all adjust to reflect the plant's mineral nutritional integrity. In this presentation, John Kempf will describe how to manage nutrition to produce plants that are more resistant to insects at all stages of plant growth, ranging from flea beetle pressure at the seedling stage on canola, to insects which feed on fruit or grain.

Biodiversity Net Gain – What Farmers Need to Know

Helen Avery, Archie Ruggles-Brise, Glenn Anderson, Sophia Key & Tim Coates

1:00pm - 1:55pm Grass Tent

This conversation, led by experienced farmers, farm advisors, and legal and financial experts, aims to demystify the world of Biodiversity Net Gain (BNG), offering invaluable insights and practical guidance to integrate BNG into farm businesses. In this session, we will hear from farmers who have developed BNG projects on their land and discuss their key learnings about baselining their habitats, developing a habitat management plan, budgeting and engaging with buyers. We will also hear about some of the legal and tax implications of developing a project and the role of external project developers and habitat banks.

Imagining a New Cereal Seed System With UK Grain Lab

Josiah Meldrum, Dr Ed Dickin, John Turner, Fred Price & Steven Jacobs

1:00pm - 1:55pm Discussion Tent

Imagining a new cereal seed system with UK Grain Lab The current seed system emerged in the 20th century to feed people, protect farmers from disreputable merchants, recognise and protect the efforts of plant breeders and drive innovation. Over time legislation and regulation emerged to codify and protect it. Though it delivers at scale and for particular breeding targets it has failed to serve the needs of (historically) small markets; low input systems, particular agroecosystems or certain milling, baking and eating preferences. Increasingly it appears too slow to respond to climate change, biodiversity loss, resource constraints, diet related ill-health or the policies emerging to tackle those crises. Critically it seems out of step with many farmers' desire to do things differently. Join this UK Grain Lab workshop to co-design an alternative seed system – one that's adaptive, resilient and scale appropriate.

Soil Food Web: Under the Microscope

Daniel Tyrkiel & Adam Swan

1:00pm - 1:55pm The Study

The microscope stands as a gateway to understanding the soil food web's intricate dynamics. Daniel Tyrkiel and Adam Swan will showcase its utility, revealing insights crucial for fostering desired microorganisms during compost incubation. Through this indispensable tool, they decipher the factors shaping microbial development. Bacteria, fungi, protozoa, and nematodes, essential players in soil health, will be unveiled in live samples, elucidating their pivotal roles. Join the presentation to witness firsthand these microscopic marvels and grasp the essence of their contributions to soil vitality.

How do we Inspire the Next Generation of Sustainable Food Producers?

Philip Wynn OBE, David Webster, Andy Bason, John Plumb, Daisy Wood, Amy Langton & Ed Whiteman

1:00pm - 1:55pm Speaker's Corner

Join LEAF's panelists to consider how young people view food production and how we can better connect people with our industry. Through this panel we want to inspire and motivate farmers to connect with young people of all ages by hearing their perspectives, thoughts and opinions of our industry while engaging them in the vital importance of your work. We will showcase how farmers can work effectively with the wider food production industry to raise aspirations for our future generations, inspiring them to enter our industry and help build a sustainable future for food and farming.

One Midsummer's Day: Swifts & the Story of Life on Earth

Mark Cocker & Joanne Ooi

1:00pm - 1:55pm Soil Tent

Swifts are among the most extraordinary of all birds with migrations that span national borders and continents. They may nest in our homes, but much of their lives pass over our heads. No creature is more wreathed in mystery. One Midsummer's Day is about much more than one bird. Swifts serve as a prism through which Mark Cocker celebrates the deep interconnections that span the entire biosphere. From the deep-sea thermal vents where life began, to the 15 million degrees at the core of our Sun, he shows that life is a singular, glorious continuum.

The book has been shortlisted for the Richard Jefferies Prize and was described by Horatio Clare as a 'beautiful, brilliant, mind-stretching and soul-flying book. Genius'.

Regen on the High Street: How Can Hospitality Embrace Regenerative Farming?

Katie Gordon, Mike Hanson, Paul Doheny, Cindie Christiansen, Max Boucher & Bob Gordon

1:00pm - 1:55pm Breakout Tent

The word 'regenerative' is cropping up more and more on the high street. How can we continue to encourage this transition, while ensuring that there is accountability across the supply chain? What are the barriers to sourcing regenerative produce, and how can these be overcome? How can we maintain integrity when telling the story to customers and avoid green-washing? This panel

discussion will explore these questions, and look at the ways in which the hospitality industry is already embracing regenerative agriculture.

The Do's & Don'ts of Marketing Agroforestry Products

Jon Haines

1:00pm - 1:55pm Agroforestry Tent (PF B12)

In this session we plan to explore how agroforestry pioneers have developed markets for their agroforestry enterprise. Exploring the experience of farmers across a range of tree enterprises at different ages, geographical locations, and markets. This session looks to arm farmers considering agroforestry projects, with knowledge and experience of entering (and in many cases creating) new markets.

Bast Fibre Network – Fun with Flax & Hemp

Zoe Gilbertson

1:00pm - 1:55pm Fibreshed Stand PF C22

The UK Bast Fibre Network will demonstrate handcraft and small-scale fibre processing techniques. Experience the wonder of turning straw into gold.

2:00 pm

Hedgerow Safari

Prof Pippa Chapman, Megan Gimber & James Robinson

2:00pm - 2:55pm Safari Tent

Mature hedgerows provide significant benefits for farming, from shelter for livestock to reducing soil erosion. They are also crucial in supporting farmland biodiversity, including providing pollen and nectar for bees and insects that pollinate our crops. Hedgerows also sequester carbon in their biomass and soil, and can provide flood risk alleviation. So join us for a practical session to view hedgerows around the Groundswell site, and discuss and ask questions about hedges, including (i) how to meet government targets for creating and restoring 30,000 miles of hedgerows by 2037, (ii) practical solutions for planting and establishing new hedges, (iii) how to implement a management cycle that works for you and (iv) the multiple benefits of hedgerows in agricultural landscapes.

Regen Field Trip: Observation Deep Dive Including SFIs & Beyond

Abby Rose, Annie Landless, Tristan Leslie & Clare Hill

2:00pm - 2:55pm Safari Tent

Dig into the underworld of soil with a practical demo of how to do in-field observations for regenerative farming. Learn how to monitor the 10 Regen Indicators in

the field diving into key indicators at different stops with the Soilmentor team and see how you can use the Indicators and many other observations in Soilmentor to support you in SFI reporting. Grow your regen mindset and change the way you see your farm by observing through the lens of the regen indicators.

Calculating Carrying Capacity Workshop

Claire Beaumont, Sam Beaumont, Silas Hedley-Lawrence & Ian Horsley

2:00pm - 2:55pm Stand A21 (PFL)

When implementing mob grazing, one of the first questions people ask is how many animals in how big a paddock for how long? In this workshop we will explore all aspects of carrying capacity, what calculations to make, how many days grazing are available, how many animals can be fed...we will work through a range of grazing management types, such as mob grazing, conservation grazing and set stocking, and discuss which might be more appropriate at different times of the year.

Beneficial Role of Trees in Sheep Farms

Helen Chesshire, Phil Stocker & Mike Adams

2:00pm - 2:55pm Agroforestry Tent (PF B12)

Join Phil Stocker, Chief Executive of the National Sheep Association (NSA), Helen Chesshire, Lead Farming Advocate at the Woodland Trust, and Mike Adams, sheep farmer and recent agroforestry adopter for a lively discussion on the complimentary role of trees in sheep farming. Building on the joint NSA and WT report produced in 2018, hear how integrating the right tree in the right place at the right time can offer additional revenue through on-farm diversification, deliver extra benefits for your sheep enterprise by improving health and welfare provisions, such as shelter, shade and even fodder, and also align with future agricultural policies and net zero targets.

Heritage Grains: Walk to the Field

John Letts, Dr Emma Burnett, Dr Marina Chang, Colin Johnston, Dr Noam Chayut & Will Dorman

2:00pm - 2:55pm Stand DF G31 (Fielden)

Join us on a walk and talk, where we can discuss the move towards heritage grains, different ways of growing and using the grain, and have a meander around the heritage wheat field here at Lannock Manor Farm.

Leguminose

2:00pm - 2:40pm Soil Association Stand PF F13

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Want to know more about how legume-based intercropping improves soil health, increases biodiversity and maximises productivity while reducing input use and the carbon footprint of arable farming? Come along and meet farmers who've taken part in our 'living lab' on-farm trial Leguminose, and learn about their experiences, how it can positively affect others in the supply chain, and offer data-led research for all.

Kings Crops Plot Tour

2:00pm - 2:25pm Kings Stand DF D40

Kings Crops, the Groundswell Event Cover Crop Partner, welcome you to a walk and talk tour of their 30 diverse crop plots in the Demo Field. Learn from our team of advisors on how the innovative range of options on display can deliver an integrated approach for your soil health, integrated pest management, forage, Sustainable Farming Incentive, stewardship and private sector funding needs whilst improving water quality and the wider farmed environment. Autumn and spring sown catch, cover, companion, living mulch, grazing, winter bird food, pollinator and hedgerow options are all on display helping to bring your regenerative farming opportunities to life.

Automated Biodiversity Monitoring

Dr Jenna Louise Lawson

2:00pm - 2:25pm UK Centre for Ecology & Hydrology Stand DF B31

Automated Biodiversity Monitoring Using AI for analysing images and audio the AMI system can be used for autonomous monitoring of biodiversity. In this hands on demonstration, we will talk about UKCEH's research into automated monitoring of biodiversity and demonstrate in-field equipment for monitoring moths, birds and bats using cameras and microphones. The session will first discuss the need for biodiversity on farmland and then introduce the technologies used in the AMI system, helping to demystify AI used in biodiversity monitoring. We open up the hardware to those interested in how these systems work and discuss the types of data collected and how they can be used, with plenty of time for questions and discussion.

A Chat in the Dye Garden – Commissioning Natural Dyes for Knitwear

Emma Hague & Katie Allen

2:00pm - 2:55pm Fibreshed Stand PF C22

An informal chat in the dye garden between knitwear designer Katie Allen of Loopy Ewes and dye grower Sophie Holt of Pigment Organic Dyes sharing their experience of growing natural dyes to commission. Hosted by SWE Fibreshed.

Feed the Soil – Innovations in Composting for Soil & Crop Health

Dr Julia Cooper, Matt Smee & Tom Knowles

2:15pm - 2:40pm The Study

Composted organic waste is a key input to provide food to soil organisms and build soil health and fertility in farming systems. Join us for this session to hear practical advice into how Johnson-Su, hot composting and vermicomposting techniques can be adopted and to find out what science and research is telling us about the effects that different composting systems can have on soil health.

Intercrop Separation & Cleaning Demo

2:15pm-2:40pm Behind Discussion Tent

A working demonstration of how the grain separation and cleaning system, owned by Weston Park Farms, overcomes the biggest barrier to growing intercrops – post-harvest separation.

The VibroMAX Intercropper separates and cleans bi-crops in a single pass, meeting common contract specifications, allowing farmers to take full advantage of the benefits of intercropping: higher yields, reduced synthetic inputs, increased biodiversity and improved soil health.

Innovation in Achieving a 'Profitable' Net Zero – an Answer is in the Air

Steve West, Prof John Gilliland OBE, Ben Wixey & Rob Richmond

2:30pm - 2:55pm Stand DF C38 (AHDB)

This session is focussed innovation within the world of legumes. From establishing where we are starting from and evidencing this to Government to building farming systems that create room for profit and environmental responsibility, we will investigate how we can harness some of the raw materials more effectively and reducing our costbase. We will be talking about direction of travel for industry, how plant breeding can assist us and how being adaptable, we can adapt our farm output to the resources that we have.

Agroecology & Enterprise Stacking

Tom Adams

2:30pm - 2:55pm Tom the Apple Man Stand PF G25

We have a stand at the show and would like to talk about our 6.5 acre organic agroforestry fruit tree nursery that involves 4 other businesses working on the same site as part of a planned crop rotation. We have set up a CIC to grow food with the local school.

Adjusting Nitrogen Management to Regenerate Soil Health & Crop Performance

John Kempf

2:45pm - 3:55pm Seminar Tent

Nitrogen mismanagement results in increased disease and insect susceptibility, lodging, reduced protein content, degraded soil microbial communities, and reduced yield. Excessive nitrogen applied at the wrong time causes all sorts of nutritional imbalances, and nitrogen is one of the two nutrients most commonly applied in excess, which results in many common storage, quality, and insect susceptibility problems.

Soil biology can deliver most of a crop's nitrogen requirements. In fact, it can deliver 100% of N requirements when commercial N applications are managed to work in synergy with the soil microbial community instead of suppressing it. In this presentation, John Kempf will describe the rhizophagy cycle of nutrient absorption from living microbial cells, how to effectively buffer and stabilize nitrogen in the soil profile so that it remains plant available without being soluble, the changes in plant physiology produced by different forms of nitrogen, and how to most effectively manage nitrogen in biological systems.

3:00 pm

An Uncertain World: How Will it Drive Food System (R)evolution?

Tim Benton

3:00pm - 3:55pm Big Top

The world is increasingly an uncertain place: climate volatility is interacting with politics to create a more polarised, contested and unequal world, both domestically and internationally. This uncertainty affects the market and regulatory drivers of the UK food system, and how they might enhance, or hold back, a transition to a more sustainable future. How might the food system develop in the decades ahead?

SFI 2024 – is it Food vs. the Environment or Two Sides of the Same Coin?

Charlie Ennals, Jim Egan, Rob Nightingale & James Green

3:00pm - 3:55pm Grass Tent

Months of rainfall, the transition between agricultural policies and ongoing economic volatility are impacting farming's finances. Public funding offers business opportunities for farms whilst protecting and improving the environment, but to safeguard food production and ensure continuity of supply and overall food security, a balanced approach is needed. In this session, Jim Egan will cover the headlines of SFI 2024 as James Green, Farms Director of Conant Farming, Oakham will give his perspective and

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outline the various implications he had to consider. Charlie Ennals, facilitator of the North Norfolk Coastal Group Farm Cluster, will offer insight as an advisor supporting farmers, and Frontier Agriculture sustainability specialist, Rob Nightingale, will discuss how data-generated insights can aid practical decision making.

Dung Beetles & Parasite Management

Sally-Ann Spence & Eurion Thomas

3:00pm - 3:55pm Discussion Tent

Dung beetles play a vital role in healthy pastoral systems both above the ground & below it. To benefit from this natural resource we need to increase their numbers and focus on how we treat our livestock for parasites. In this session entomologist Sally-Ann Spence will introduce our native dung beetles & their multitude of ecosystem functions. Eurion Thomas will be focusing on livestock parasites & how you can monitor them to implement a more sustainable treatment plan on your farm.

Integrating Pigs into Regenerative Farms

Amy Chapple, Hannah Thorogood, Fred Price & Flavian Obiero

3:00pm - 3:55pm The Study

Is it possible for pigs to fit into a regenerative farming system? Can pigs bring benefits to other elements of the farming model? We'll be answering these questions and more, with a panel of farmers from varying backgrounds, all running pigs within their farm businesses. We'll be looking at the different ways pigs can be integrated into other enterprises and whether they can actually improve those systems as well as being profitable. We'll hear from Flavian who farms his pigs alongside his goats and sheep, Amy whose pigs improve permanent pastures and compost cattle dung and Fred who considers his pigs as an integral part of his arable farm.

Quiet Collaborators – How Can Collaboration Help With the Sustainable Agriculture Transition?

Victoria Vyvyan, Lucinda Langton, Hallam Mills & Jonathan Arnold

3:00pm - 3:55pm Speaker's Corner

This session will look at the state of collaboration and how it is driving value. Is the UK more collaborative than it appears (in the supply chain, for labour and machinery, to deliver environmental income, etc)? And how could that help scale up regen agriculture?

The Anti-Microbial Resistance (AMR) Crisis & What we Can do to Prevent it

Katie Gordon, Jeff Allen, Dr Emma Berntman & Laura Higham

3:00pm - 3:55pm Soil Tent

Anti-Microbial Resistance (AMR) is a systemic issue deeply ingrained in our food and farming system. We know that AMR is driven by consumption of antibiotics by humans and animals, but the issue is wider than this. Agrichemical inputs also play a role, and depletion of the soil is exacerbated by AMR. Antibiotics (and resistant bacteria) are in our water courses, soil, and the DNA of crops and feedstock. The current food and farming system is propagating this AMR crisis. In this session, we will discuss these issues, as well as asking what the regenerative agriculture movement can do to prevent them.

The Honest Truth – What do we Know About Regenerative Viticulture in the UK?

Will Mower, Luke Spalding & Dr Belinda Kemp

3:00pm - 3:55pm Breakout Tent

The UK wine industry has experienced significant growth in recent years, leading to concerns about negative environmental impacts associated with traditional viticulture practices. There is a growing interest in regenerative viticulture, despite very little UK-based research existing, leaving grape growers to experiment with techniques borrowed from other agricultural fields with varying degrees of success. This session is hosted by Will Mower (VineWorks), who will converse with Luke Spalding (Everflyht Vineyard) about his experience trialing regenerative practices in his vineyards, and Dr. Belinda Kemp (Viticulture and Oenology Research at NIAB) about what scientific research exists (and what is needed) to support the adoption of regenerative practices within UK viticulture more widely.

Obvious to You – Amazing to Others

Ben Taylor-Davies

3:00pm - 3:55pm Earthworm Arms Big Top

You experience someone else's innovative work. It's beautiful, brilliant. You're stunned. You think, "I never would have thought of that. How do they even come up with that? It's genius!" One day someone said, "I never would have thought of that, it's genius!" Of course I disagreed and explained why it was nothing special. However, everybody's ideas seem obvious to them. So maybe what's obvious to me is amazing to someone else? Come and talk with me on stage and tell your amazing story, are you holding back something that seems too obvious to share?

The Historic Wealth of the UK Economy Owes Much to British Wool – Can This History Repeat Itself & How

Can we do it Regeneratively?

Zoe Fletcher

3:30pm - 4:25pm Fibreshed Stand PF C22

The Historic Wealth of the UK Economy Owes Much to British Wool – Can This History Repeat Itself & How Can we do it Regeneratively?

4:00 pm

No-Till Potato Tour

Richard Harding

4:00pm - 4:25pm Safari Tent

Join Richard Harding and members of the Groundswell Team for a tour of our no-till potatoes.

Mob Grazing Kit Demo (Permanent Electric Fencing)

James Daniel & Jamie Jack

4:00pm - 4:25pm Stand A21 (PFL)

Explore Kiwitech's fiberglass permanent posts and strong, flexible fences. Learn about energiser options, from compact solar to powerful mains setups, how to choose your energiser, and proper earthing techniques.

We'll be available after each demo for questions and look forward to inviting you back to our stand for a closer look at the equipment. Plus, grab some freebies if you're quick! See you there!

Regen at Landscape Scale – Partnerships, Opportunities & Pitfalls

Vicki Hird, John Pawsey & Sam Hanks

4:30pm - 5:25pm Big Top

This session will be helping delegates to understand how working across a whole landscape or catchment can work – looking at some of the existing programmes in the Wildlife Trust Federation such as Wilder Marches across 4 counties and 2 countries and with many partners. They will hear from farmers and practitioners on what works, how to ensure coordination and facilitation, managing multiple expectations and what to avoid! We will look at the potential for major impact, local engagement and local/regional supply chains and food marketing etc. It's a bigger, complex approach but can have significant outcomes for farmers and society. Speakers and Q&A.

Do We Sometimes Need to Break the Regen Principles to Get Regen Outcomes?

Elizabeth Stockdale

4:30pm - 5:25pm Seminar Tent

If we recognise that context is key to effective implementation of the regenerative principles to deliver high quality food, soil and biodiversity outcomes whilst achieving Net Zero, then are there some circumstances

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where we need to break the regen principles to get regen outcomes? For example in drained lowland peat landscapes, water management is key to preventing peatland degradation and a blind application of regen. principles would lead to continued landscape degradation. Drawing from experience with farmers in diverse landscapes and farming systems across the UK, Elizabeth Stockdale will discuss whether context might mean we sometimes need to recognise a different starting point for regenerative system design than applies in mixed / combinable cropping.

Bioregional Bast Fibres – Developing LOCAL Agroecological Value Chains for Flax & Hemp Using GLOBAL Open-Source Knowledge Exchange

**Zoe Gilbertson, Vicky Putler,
Claie O’Sullivan, Nick Evans &
Tim Crabtree**

4:30pm - 5:25pm Grass Tent

Members of The Bast Fibre Network will share their thoughts, experiences, and future plans for developing values-led, agroecological, local supply chains for flax and hemp. We will discuss the potential benefits for farming, not just financial but also community and social aspects. We will share learning from farmers in Europe who have extensive growing experience and show how international collaboration can lead to the development of local supply chains. This is a fast-moving exciting subject. Beginning from zero in the UK, we have the potential to develop robust, local, financially viable and ecologically beneficial systems if we start with our values, put nature and people first and collaborate with pioneers.

Opening Up Land Holding

**Jackie Thoms, Joanna Bowen,
Ninian Stuart, Fergus Lyon &
Alastair MacKenzie**

4:30pm - 5:25pm Discussion Tent

How can existing landowners adopt more responsible and progressive approaches to ownership that enable greater benefits and wider access? This session will explore the opportunities and challenges of different approaches to owning, holding, stewarding and sharing land in ways that strengthen the connection between people and land in times of transition. The panel will share their experience of different approaches to community involvement, such as B Corps, joint ventures, and the path to community ownership. We will introduce the story so far of PLOG (the Progressive Land Owners Group) and the Real Farming Trust’s new Progressive Landowners Platform aiming to help landowners establish the business models, governance and infrastructure needed for sharing access to land that helps bring to fruition visions of more regenerative approaches.

Learn From My Mistakes II: Another 2 years of Boobs, Bungles and Balls-ups

Tom Martin

4:30pm - 5:25pm The Study

Following on from an immensely popular session in 2022 sharing many of his mistakes on his journey in to regenerative farming, Tom Martin returns this year with news (and pictures) of another two years of mistakes on his Cambridgeshire arable farm. This time joined (live) by friends from around the world who love to live, laugh, and learn as they embrace regenerative principles on their farm, this session is for anyone who’s ever made a mistake and is interested in the pitfalls of moving to regenerative practice. Bring a beer and join the conversation.

Breed Sovereignty: Breed & Trait Selection for Regenerative Farming Systems

**Clare Hill, Dr Annie Rayner,
Fraser Hugill, Matt Aidley &
George Young**

4:30pm - 5:25pm Speaker’s Corner

Current animal genetics are owned and operated globally by very few companies who have created a small number of food animal breeds. Such breeds are selected to achieve maximum outputs of products within a system that relies on damaging inputs. Supported by results from Planton Farm’s Regenerative Trait selection project, this session will look to unpick what traits are needed within a thriving regenerative ecosystem, how we can promote, select for, and share these traits amongst farms as well as the opportunities and challenges we must overcome. The expert panel will explore the idea of a breed-sovereignty movement, one that moves away from centralised genetics and towards resilient and diverse livestock, owned by farmers, that flourish within regenerative systems.

How to Feed the Good Wolf? Empowering Farmers to Think Positively

**Liz Genever, Nicola Renison,
Stuart Johnson, Tom Edmondson
& Harry Hodgson**

4:30pm - 5:25pm Soil Tent

Carbon Calling CIC wants to empower farmers to realise their own potential, and to make changes on their farms to improve resilience and well-being. This session will bring together a range of livestock farmers who have made changes on their farms, and how it has impacted on the financial sustainability of their farm, the biodiversity and their own happiness. We will ask how they feed their good wolf, which is linked to a native American proverb about everyone have two wolves inside them. The good wolf represents the good things we seek to be. The

bad wolf represents greed, anger and fear. Throughout our lives, these two wolves will battle and the one that wins is that one you feed.

Restoring Water Cycles with Walter Jehne & Pelican Ag

**Simon Evill & Walter Jehne (by
Video)**

4:30pm - 5:25pm Soil Tent

In the face of escalating climate weather extremes, land stewards hold the key to restoring our water cycles through regenerating our soils, driving local cooling effects and dampening the effects of droughts, floods and fires. Join esteemed soil microbiologist Walter Jehne and Pelican Ag’s Simon Evill for an insightful dive into the science and power of the ‘Soil Carbon Sponge’.

5:30 pm

Mob Grazing Demo

John Cherry & Paul Cherry

5:30pm - 6:25pm Safari Tent

Join John & Paul Cherry (Host farmers) as they demonstrate moving the mob on the herbal ley and answering any questions.

SAVE THE DATE

**Groundswell
next year is
moving back a
week and will
be on 2nd and
3rd July 2025**

**WE WOULD LOVE
TO HEAR YOUR
FEEDBACK**



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