

Wednesday 22nd

8:30 am

Veteran Trees On Your Farm & How To Manage Them

Emma Gilmartin & Louise Hackett

8:30am - 9:30am Car Park

Join a practical walkabout session to view ancient and veteran trees at Groundswell; discover why they are special and look at practical solutions for management on your farm. You will learn how to take care of these valuable trees and the surrounding land, including how to identify risks in both arable and a grazed context. The best practice principles discussed also applies to the management of younger trees, as ancients 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.

Groundswell Moth Safari

Dave Shenton

8:45am - 9:30am Demo Arena

This early session will give you insight into the world of moths. Overnight we will run a moth trap or two around the edge of the conference site, aiming to discover what moths are benefiting from the Cherry's regenerative practices. We will show our finds and discuss their fascinating life histories, habitat needs and what we can do to encourage and support them. (We will then return the moths to their homes.)

10:00 am

Healthy Soil Is The Keystone Bridging Food Security & Wellness

Jill Clapperton

10:00am - 11:00am Big Top

People growing food in healthy soil hold all the keys to food security and wellness. Increasingly, we see the benefits from eating whole foods grown in these regenerative systems. Healthy soil is the foundation for the ecosystem services that are at the heart of our food production system. The evidence or metric for this relationship is the nutrient value in the food. Plants take up nutrients more effectively and efficiently when mediated through a biological system. Restoring and optimizing ecosystem services in soil has far reaching positive consequences on climate, water and air quality, and general planetary wellbeing.

Everything we do on the land has associated risks that can have positive, neutral, or negative consequences on soil health. All our agroecosystem management practices need to be in sync with the concept of building and

sustaining healthy soils. Firstly, we need to stop losing soil through erosion, and start the process of rebuilding or regenerating soil if we are to produce enough quality food to feed a growing population.

Food security too often is associated with abundance and yield. The concept of food security based on quality would mean we eat less food, get the tasty nutrition we need and be well without compromising the environment. It is this model for agriculture that will nourish us and future generations.

Let's talk about the steps we can take towards making food our medicine.

Agroforestry – What We Have Learnt Along The Way

Stephen Briggs, Jim O'Neil, Geoffrey Newman, David Rose, Helen Chesshire & Philippa Mansfield

10:00am - 11:00am NIAB Seminar Tent

Come and hear about our established agroforestry systems, we have plenty of lessons learnt from our journeys ranging from 5-15 years. Plenty of food for thought. Discover the multiple benefits you could bring for your farm as we juggle food production, climate change and biodiversity loss. Is agroforestry one of the solutions for your farm? For those thinking about agroforestry, come and ask us your questions.

The Yeo Valley Regenerative Project

Tom White, Becky Willson, Sophie Gregory, Tom Gregory & Clare Hill

10:00am - 11:00am Yeo Valley Old Dairy Tent

All life on earth starts with soil and at Yeo Valley Organic everything we do starts with the soil too. As Britain's largest organic dairy brand, Yeo Valley Organic's aim is to grow the regenerative organic farming movement in the UK with research, testing and education. Decades of industrial farming have taken their toll and serious questions are being raised about the future of food production. For us the solution rests within the soil.

Join us as we discuss the Yeo Valley Regenerative Project with farmer led social enterprise the Farm Carbon Toolkit (FCT), and a few of the British organic farmers taking part in this innovative programme to understand the real impact of soil carbon stocks.

The Symbiotic Benefits from the Co-operation Between Research & Practice

Alfred Grand

10:00am - 11:00am Kellogg's Origins Soil Tent

Interested in On-Farm research and cooperating with science? Learn how GRAND FARM was developed into a research and demonstration farm, and the regenerative methods which are applied on the organic arable field farm based near Vienna in Austria. From the first trials in vermicomposting 25 years ago to being invited to join the Wageningen University Global Lighthouse Farming Network. Soil Health, Agroforestry and Market Gardening are the main research topics at GRAND FARM using practices such as organic, reduced tillage and no-till, crop rotation, perennial crops, cover crops, flower strips, agroforestry, zero pesticide, compost, vermicompost, compost tea, seed inoculation, transfer mulch. The farm is widely shared with the national and international scientific community to regenerate soil, environment and farming methods as well.

Natural Capital Uncharted Waters

Matthew Agarwala, Rueben Saxon, James Goodley, Fergus Lyon & Janet Hughes

10:00am - 11:00am Agricolity Discussion Tent

Matthew Agarwala chairs a discussion on natural capital, hearing from one company that provides the software and support to measure, develop and sell carbon removal credits to corporate buyers. We also delve into the wider implications of natural capital markets and the challenges of the race to net zero. There's plenty of time for audience participation so bring along your questions.

Our Regenerative Journey

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

10:00am - 11:00am Barenbrug Grass Tent

14 grassland farmers following the regenerative journey have been engaging in farmer to farmer knowledge exchange for some years via The Farming Forum. A panel of 5 group members, from a small part-time beef breeder to a large 1st generation tenant dairy farmer, will outline their current operations and thought processes before engaging in a broad discussion. We will cover how we got into the regenerative mindset, how we learnt to observe and embrace the natural processes underpinning our farms and how we see grassland farming in future in the UK. We will take questions from the audience as we go along and aim to help others better understand the mindset change we are still going through which underpins regenerative farming.

WildEdges & Connectivity

Hugh Somerleyton DL & Tom Pearson

10:00am - 10:30am Speaker's Corner

We are facing an ecological and climatic emergency. The UK has finite land resources, yet we need to be able to grow enough food, restore biodiversity and nature, decarbonise the economy and adapt to climate change while also building new homes, transport and energy infrastructure. The competing priorities listed above all need to be considered by the land manager when future scenario planning.

Within this decision making process, it is imperative that the land manager is able to easily identify a bespoke selection of optimal land use actions based on localised and quantifiable metrics. WildEast and Land App are working together to propose a workable solution.

Leather As An Agricultural Product: Linking Farming, Food & Design

Sara Grady, Alice Robinson, Andy Rumming, Greg Miller & Dan Saladino

10:00am - 11:00am Breakout Tent

This panel will explore how a new production of leather - made from the hides of animals raised on regenerative farms - is forging innovative connections between agriculture, food, and material culture.

Grady + Robinson is a new enterprise producing leather from the hides of animals raised on Pasture for Life farms in the UK. Their leather offers a new choice: material and products that originate in regenerative practises that improve the welfare of animals, ecosystems, and communities.

This panel will bring together expertise from farming, design, food, and leather production to explore how animals raised for meat can be fully utilised and appreciated.

Regenerating Supply Chains - Grassroots Farming & Honest Burgers

Thomas Barton, James Daniel, James Evans & Alastair Trickett

10:30am - 11:00am Speaker's Corner

Grassroots Farming was founded by 3 farmers, all very aware of the issues in the current food supply chain and determined to change it. Now they are helping to scale up the adoption of regenerative farming by linking livestock farmers who care about their soil with food service and hospitality business who care about their sustainability. Join them and one of their customers; national restaurant chain Honest Burgers to learn how together they are creating a win-win for farmers, customers, nature and society.

11:00 am

Rainfall Simulator

Jill Clapperton

11:00am - 11:30am Big Top

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.

AHDB Livestock Q&A

Lizzie Sagoo & Ian Farrant

11:00am - 11:30am AHDB Marquee

Making regenerative farming work for your business? Using tissue/sap testing to monitor and reduce inputs, create the optimum

regenerative dairy farming system, reducing artificial fertiliser inputs on grassland and using biological products to best effect? These are just a handful of questions that our arable and livestock AHDB Strategic and Monitor Farmers are discussing on-farm through their research and wider activities.

Join AHDB and our farmers in the 30 minute Q & A discussions to hear about their regenerative agriculture journey so-far, their challenges and opportunities. Tell us what regenerative agriculture means to you and where you think the research gaps lie, for future AHDB-funded on-farm research.

Fibres & Dyes Meet Up - Hosted By Fibreshed

Fibreshed

11:00am - 11:30am Fibreshed Stand B8B

An informal meet up / networking session for farmers and growers of natural fibres and natural dyes, or those interested in growing fibres and dyes, and anyone else involved with fibres and dyes in some way! Hosted by representatives of the Fibreshed movement in the UK.

Quick, Accurate, Cost Effective Soil Carbon Sampling

Stewart Arbuckle, Annie Leeson, Anthony Pink, Jenny Baird & Thea Pease

11:00am - 11:30am Demo Arena

Why would I measure my soil carbon? I don't know what to do with the data and the market is evolving rapidly.....

Restoring soil organic carbon through regenerative land use and farming practices establishes a vital foundation for the future of soil health, fertility and productivity of the land. Today, interest in soil carbon has intensified because of tantalising new opportunities to commercialise these benefits. A growing business is emerging with farmers and landowners being able to quantify soil carbon sequestration, for generating carbon supply-chain certificates, offsets and other environmental services, and helping themselves and organisations to achieve net-zero goals.

They will all need a considerable foundation of ground truth data – real soil samples tested using recognised scientific analysis - to demonstrate that soil carbon gains are real and have been accurately quantified.

Alley Cropping In Practice (Walk To Weston Trial)

Paul Woodgate

11:00am - 12:00pm NIAB Seminar Tent

The Woodland Trust have been working with the Cherry family to establish a silvoarable and silvopastoral systems at Lannock Manor Farm. Walk out with Paul Woodgate to see the Alley Cropping in practice, discover the key takeaways when considering this kind of system. A range of topics will be discussed, from setting objectives and the marketing of produce, through to the practicalities for ground preparation, spacings

and alley width, species selection, protection, aftercare and the Trust schemes.

Simon Fairlie In Conversation

Simon Fairlie

11:00am - 12:00pm Breakout Tent

Simon Fairlie speaks about his new book *Going to Seed*, a counterculture memoir about his life in environmental activism and radical food production, as well as his journey to becoming a farmer, land reformer and a founding editor of *The Land* magazine.

Simon's path had been laid out for him by his father: boarding school, Oxbridge, and a career in journalism. But everything changed when Simon's life ran headfirst into London's counterculture in the 1960s. Instead of becoming a celebrated Fleet Street journalist like his father, Simon became a laborer, a stonemason, a farmer, a scythesman, and then a magazine editor and a writer of a very different sort. In his conversation with Rosie Boycott, Simon reflects on the current and past trajectory of Western "progress"—and the explosive consumerism, growing inequality, and environmental devastation laid bare in our daily newsfeeds—and what the world might look like if we began to chart a radically different course.

Reading Your Soil

Niels Corfield

11:30am - 12:00pm Demo Arena

Being able to observe and analyse the soils on your farm has never been more crucial. If we want to transition towards regenerative agriculture, then we first need to understand our soils. We also need to be able to monitor whether our farming methods are having a positive benefit on soil health. In this practical session we will dig a few spade samples and learn to read what we are looking at. Niels will introduce us to a range of simple observation methods and useful tools which will help to give you comparable results. After this session you will be well equipped to go home and try these out on your own farm. Regenerative agriculture starts from the ground up!

Farming Profitably & Sustainably With Native Livestock

Christopher Price

11:30am - 12:00pm RBST Stand F0

The session will demonstrate how to farm profitably and sustainably with native livestock breeds. Native livestock were bred to thrive in our landscapes, so the costs involved in keeping them when it comes to feed, vet and med bills and housing are generally much lower than with their continental counterparts. They are also the ultimate ecosystem service providers, giving us food and clothing, restoring, and maintaining habitats and helping foster local identities. With a focus on sheep and cattle, the session will explore the commercial benefits of farming with native breeds: selecting and keeping the appropriate breeds, the marketing of meat, milk, wool and other products.

The Soil Carbon Market; A Haybale Chat With Soil Heroes

Gina Pattison & Tom Ludwig

11:30am - 12:00pm Soil Heroes Stand E0

The soil carbon market is developing fast and for many farmers it feels like the Wild West. Agreements are complex, prices are changing and sometimes it's hard to know what you're signing up for. We understand. Join Soil Heroes for a haybale chat to share your views and hear how we're working with farmers to transition to regenerative agriculture in a different way.

The World Of Regenerative Farming Remembers Caroline Drummond MBE

11:45am - 12:00pm Speaker's Corner

Join us to remember and pay tribute to Caroline or 'CD' as she was known to so many of us, who died recently after a short illness. Formidable, determined, persuasive, caring, inspired & inspiring, she tirelessly championed the development and uptake of more sustainable, regenerative farming. She was also passionate about bridging the gap between farmers and the public. She led LEAF from the very beginning in 1991, when it was first formed and for over 30 years has been the driving force behind the charity which has grown from its humble beginnings to the globally recognised and respected organisation it is today.

12:00 pm

How to Think Like a Grazier

Greg Judy

12:00pm - 1:00pm Big Top

With all the challenges facing farmers today with skyrocketing input costs it is extremely important to stay focused on what we can control. We can lower our input costs by fine tuning our grazing, livestock genetics, building soil life, keeping our soils covered, and developing a strong marketing program. We are in the solar energy conversion business, every blade of grass is important to us. By maximizing our solar panels and turning succulent green leaves into a healthy protein we have a wonderful product to market. To build a strong profitable farm every year, minimum fossil fuel is used along with minimal machines. Stay focused on 4 legged machines that run on grass and reproduce themselves every year.

Beyond The Farmgate - Supply Chain Opportunities

Josiah Meldrum, Vicki Hird, Abby Allen & Tony Little

12:00pm - 1:00pm NIAB Seminar Tent

The need has never been so clear to build better routes to market, for new localised infrastructure, and more value to reach farmers to make an agroecological transition. Come and hear from farmers and traders doing things differently and participate in discussions on

opportunities, challenges, support and investment in new markets.

Thinking Differently

Andrew Howard, John Pawsey & John Baker-Cresswell

12:00pm - 1:00pm Yeo Valley Old Dairy Tent

Andy Howard in discussion with farmers who are trying to farm organic regen in different ways – followed by audience Q&A.

Growing Resilience

Clive Blacker, Hugh Martineau, Alastair Leake & Duncan Rawson

12:00pm - 1:00pm Kellogg's Origins Soil Tent

The agri-food industry is facing unprecedented change driven by a multitude of global factors, from war in the Ukraine, to the ever-conspicuous impacts of climate change. In the here and now, farmers and food businesses alike are dealing with considerable inflationary pressures, whilst also adjusting to new subsidy regimes and the impact this is having on financial margins.

Resilience and risk management are becoming increasingly important across the agri-food supply chains. Via the Kellogg's Origins programme, we are doing our bit. Working with our growers to better utilise key inputs, to create more sustainable farming systems, and to explore new income-streams. This session is an opportunity for us to showcase what we've been up to over the last 12 months.

Water Management and the Future

Tim Field, Ian Simpson, Richard Reynolds & Stephen Briggs

12:00pm - 1:00pm Agricollogy Discussion Tent

A lack of water – not something always associated with Great Britain, but a very real threat to the future of food and farming. What does the future hold and what can we learn from climate modelling? What challenges are farmers facing now and what practices are they implementing to reduce or mitigate future impacts of drought, or even flooding? Can IFM play a role?

Towards Climate-Friendly Farming

Mark Tufnell, Sophie Alexander, Johnny Wake, Chris Addison & Janet Hughes

12:00pm - 1:00pm Barenbrug Grass Tent

This session, chaired by CLA President Mark Tufnell, will explore the range of practical approaches taken by three CLA members towards climate-friendly farming and managing natural capital.

...so how do we tell them?

Tom Martin & Annabel Shackleton

12:00pm - 1:00pm Speaker's Corner

We're all in agreement that Regenerative Farming is the future, but how do we share that with the British Public, the consumers, and

ultimately our compatriot paymasters? How do we communicate our good works, and what's the best way for each of us? This session presents ideas for introverts, extroverts, and ambiverts, for those with next-to-no time to spare, and those who really want to go big in showing people what happens on the other side of the farm gate.

Three Transition Tales (Practical Experiences of a Transition to Regenerative Agriculture)

Andrew Richards, George Fraser, Peter Cartwright & David White

12:00pm - 1:00pm Breakout Tent

How do I wean myself off the comfort blanket of cultivation? When will soil biology step up and help reduce my inputs? What's the balance between long term husbandry and short-term profitability?

Three farmers with different locations, soils and business sizes share their experiences of transitioning to regenerative agriculture. David White, George Fraser and Peter Cartwright discuss their motivation, challenges, successes and failures. From bi-cropping to biome mapping; growing blends to managing blackgrass, and mob-grazing to encouraging mycorrhization, the panel will share their stories so far as well as their plans for the future. The panel will be chaired by Andrew Richards, an agronomist with a lifetime of experience with soil biology."

1:00 pm

Dung Beetle Safari

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

1:00pm - 1:30pm Demo Arena

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, survey 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.

Robotics For Net Zero: Precision Fertiliser Spraying & Soil Sampling

Sam Watson Jones

1:00pm - 1:15pm Demo Arena

With input costs on the rise, farmers are increasingly under pressure. Up to 90% of

inputs are wasted. This is not economically or environmentally viable. Fertiliser alone is a major contributor to agricultural emissions.

Robotics gives huge scope to close the gap: delivering applications by exception. Precision monitoring alone can provide immediate value, optimising existing sprayers for herbicide and fertilizer applications. This can reduce fertiliser costs by around 15% and herbicide use by around 77%. Come and find out how robotics supports farming's mission for Net Zero. Learn how Small Robot Company is delivering precision spraying only to the plants that need it, and our work on robotic precision spraying. See our Tom robot demo: Robotics for Net Zero.

Kings Cover Crop Tour

1:00pm - 1:30pm Kings Cover Crop Trial Plots

Join Kings at their Cover Crop Trial Plot in the middle of the Demo Field to see 20 different variety mixes of cover crops.

Measuring Success Now & In The Future

Jill Clapperton

1:00pm - 2:00pm Breakout Tent

If the quality of food is a measure for how we grow food. Then let's talk about how we can field measure soil and crop properties, and food quality, and what is new and exciting.

Along the way I expect we will discuss what and why we want to measure certain properties (or not). We will be talking meat, milk, grains and greens. This is an open discussion and participation will be expected.

Regen Field Trip: Learn The Regen Indicators

Abby Rose & Annie Landless

1:30pm - 2:00pm Demo Arena

Dig into the underworld of soil with a practical demo of how to do in-field observations for regenerative farming. Nicole Masters of Integrity soils will join us virtually to talk through the regen indicators and how these build up a picture of soil health and biodiversity on your farm. Learn how to monitor each regen indicator in the field with a hands in the earth demo by the Soilmentor team. Grow your regen mindset and change the way you see your farm by observing through the lens of the regen indicators.

The Art Of Blade Shearing With International Renowned Shearer Andy Wear

Andy Wear

1:30pm - 2:00pm Fibreshed Stand B8B

Blade shearing is a more holistic form of shearing – with no mechanical heat or vibrations it is slower and less stressful for the sheep, with better quality wool being harvested. Extending the shearing season across 8 months of the year, welfare of the sheep brings added benefits. It is a subtle art form, blending three opposing

fundamentals, the mind of the sheep, the mind of the shearer and a sharp blade! Andy will demo a sheep being shorn by blades, whilst providing a detailed explanation of the techniques involved and the intricacies of the requirements for wool harvesting!

NIABs Latest Research To Benefit RegenAg

Will Smith

1:30pm - 2:00pm NIAB Stand

NIAB will present a range of topics from wheat varieties and crop blends to weed management and soil health, tying in previous research to how it can be used within RegenAg.

2:00 pm

The National Food Strategy: One Year On

Henry Dimbleby & Sheila Dillon

2:00pm - 3:00pm Big Top

The government's Food Tsar, Henry Dimbleby summarises the ideas in the National Food Strategy, give an update on the government response, and set out what needs to happen now.

Chaired by The Food Programme's Sheila Dillon

Removing Barriers for Young People in Farming

David Fursdon, Liz Tree, Chris Woodhead & Liz King

2:00pm - 3:00pm NIAB Seminar Tent

Farming is in decline across UK and Ireland, with an ageing farming community and lack of new entrants contributing to this and The Prince's Countryside Fund has committed to supporting succession, progression, and new entrants into farming. This session will discuss the findings of our recent research project looking at barriers to farming for young people, and what can practically be done to overcome these.

Green Farming Collective Exposed

Tim Parton, Mike Kavanarh, Richard Suddes, Angus Gowthorpe & Simon Cowell

2:00pm - 3:00pm Yeo Valley Old Dairy Tent

The Green Farming Collective are a group of six farmers who met via the 'Soil Farmer of the Year' competition. We believe in regenerative agriculture and the benefits of reduced pesticides, increased carbon capture and improved biodiversity, thus preventing the pollution of water, air and soil. We all work hard to improve the habitats and biodiversity on our farms and welcome people to come and see what we are doing. We work in partnership with Trinity Agtech to record our carbon, natural capital and the impact of our farming practices. Trading of natural capital and carbon is via the Trinity Natural Capital Market.

Are We Doing The “Right Things” Or Only Doing The Wrong Things Better?

Dwayne Beck

2:00pm - 3:00pm Kellogg's Origins Soil Tent

The Dakota Lakes Research Farm (a farmer-owned entity) has developed low-disturbance, diverse, no-till programs. These have drastically improved the profitability and reduced negative environmental impacts worldwide. Unfortunately, this has only stopped the bleeding but has not healed the patient. Doing that requires switching agriculture from linear to circular systems.

Nature positive farming by 2030

Beccy Speight, Martin Lines, Helen Browning, Matt Culley & Jake Fiennes

2:00pm - 3:00pm Agricolology Discussion Tent

Farming, food, and the natural environment have been pushed out of balance by inappropriate policies. Brexit was seen as a once in a lifetime opportunity to reform agricultural policies to ensure a new domestic system that recognises farming and nature as interdependent and mutually beneficial. In 2018, the Government's health and harmony blueprint set out a bold vision to redirect public money to deliver public goods, whilst improving the resilience of the farming sector. However, as time has elapsed, and we exit a global pandemic into a cost-of-living crisis and European war, counter narratives have emerged causing some to question whether the government's original vision was too optimistic. The panel aims to discuss the assumption that policy must help achieve a nature positive farming system by 2030, and discuss the potential benefits of this approach for nature, food, and farming.

Grass: Can It Be Sustainable AND Make Money?

Barenbrug

2:00pm - 3:00pm Barenbrug Grass Tent

More than 9,000ha of the UK's farmland is used to produce grass seed – which, once sown on British farms, increasingly plays a vital role in delivering sustainable farming, from grazing to crop production to environmental protection.

Seed-growing may be a niche practice, but those who do so enjoy a host of benefits: a valuable extra crop in the rotation, another source of income from grazing and conservation, and increased biodiversity and other environmental benefits.

We've assembled a specialist panel – grassland experts, consultants, and third-generation grower David Barker – to explain why there's a place for grass on your farm.

Panellists will discuss the idea that if we, as citizens, want to be healthy and sustainable, we should eat the foods that our landscapes can produce when farmed in harmony with nature. We invite active audience participation so we can start to build consensus around what steps need to be taken, to enable the transition to

sustainable and regenerative farming across the UK.

Feeding Britain From The Ground Up

Patrick Holden, Dr Jim Scown, Glen Burrows & Polly Davies

2:00pm - 3:00pm Speaker's Corner

Building on the SFT's Feeding Britain report, this session will explore what needs to happen to enable farmers to transition to regenerative farming in the UK. From how we measure sustainability and true cost accounting; local food infrastructure; improved skills and knowledge; and citizen action to drive system change.

Panellists will discuss the idea that if we, as citizens, want to be healthy and sustainable, we should eat the foods that our landscapes can produce when farmed in harmony with nature. We invite active audience participation so we can start to build consensus around what steps need to be taken, to enable the transition to sustainable and regenerative farming across the UK.

Regen Cheese: How Can the Cheese Community Best Transition to Regenerative Agriculture?

Zsa Zsa Shea, Tom Chatfield, James Rutter, Martin Gott, Jonny Crickmore & Clare Hill

2:00pm - 3:00pm Breakout Tent

A discussion across cheesemongers, farmers, artisans and larger processors about the challenges and opportunities for the nation's favourite soured milk products. Looking at the practical elements for dairy farmers, through the end purchaser's relationship with the themes of regen ag.

3:00 pm

Meet The Speaker

Dwayne Beck

3:00pm - 4:00pm Breakout Tent

Come and have an informal chat with our speakers in the Breakout Tent

Compost Demo With The Land Gardeners

Henrietta Courtauld & Bridget Elworthy

3:00pm - 3:30pm Compost Zone

See how to make high quality aerobic microbial Climate Compost at farm scale. Watch The Land Gardeners turn their windrow using optimised machinery and monitoring equipment.

Land Drainage - Our Most Valuable Asset?

Rob Burtonshaw

3:00pm - 3:30pm Demo Arena

Water management is essential to ensure that land can reach its maximum potential whether in a regenerative or conventional system. Good land drainage has been the cornerstone of UK agriculture for thousands of years, improving soil structure and allowing water to be managed to avoid surface run-off, soil erosion, waterlogging and potential compaction. Protecting and valuing the soil is a shared foundation of both regenerative agricultural and land drainage. It is becoming increasingly important to look at all areas of the farm to assess productivity. Land drainage is essential to ensure that the soil can perform to its potential, maximising yields and water holding capacity, whilst avoiding potentially devastating flood damage to the crop, local habitats and the surrounding environment. Good land drainage can act as a catalyst for many regenerative agricultural practices, making their adoption easier and more effective. It is a vital asset and, whilst buried, must not be overlooked.

Barenbrug Grass Tour

Barenbrug

3:00pm - 3:30pm Barenbrug Stand

Considering introducing livestock or increasing biodiversity with diverse grass and herbal ley mixtures on your farm?

Meet the Barenbrug UK team today and learn more about the Barenbrug grass and herbal ley mixtures created for regenerative farming approaches with the trial plots in the demo field.

AHDB Arable Q&A

David Aglen & David Blacker

3:30pm - 4:00pm AHDB Marquee

Making regenerative farming work for your business? Using tissue/sap testing to monitor and reduce inputs, create the optimum regenerative dairy farming system, reducing artificial fertiliser inputs on grassland and using biological products to best effect? These are just a handful of questions that our arable and livestock AHDB Strategic and Monitor Farmers are discussing on-farm through their research and wider activities.

Join AHDB and our farmers in the 30 minute Q & A discussions to hear about their regenerative agriculture journey so-far, their challenges and opportunities. Tell us what regenerative agriculture means to you and where you think the research gaps lie, for future AHDB-funded on-farm research.

Large Windrow Compost Demo

John & Paul Cherry

3:30pm - 3:45pm Compost Zone

A working demonstration of a tractor towed compost machine mixing up a blend of farmyard manure from Weston Park Farms's winter yards and locally sourced woodchips, which are added to calm down the C:N ratio of the compost so that it doesn't heat up too quickly and kill all the useful bugs. We aim to re-turn the heap again before the temperature reaches 70 degrees C.

ADAS Biodiversity Bimble

Elysia Bartel, Samuel Telling, Lynn Tatnell & Dr Sarah Cook

3:30pm - 4:00pm Demo Arena

Meet ADAS scientists at the demonstration tent and learn to recognise some key farmland invertebrates. Then take a stroll with ADAS entomologists Elysia Bartel and Samuel Telling and plant scientists Lynn Tatnell and Dr Sarah Cook to use this knowledge and explore the Groundswell meadow. We will use sweep nets and traps to discover which mini beasts are living here on site and which plants provide their homes.

4:00 pm

Carbon Question Time

Liz Bowles, Alex Robinson, John Gilliland, Dr Jude Capper, Janet Hughes & Johann Tasker

4:00pm - 5:00pm Big Top

Whether it's credits, sequestration, or offsetting, everyone's talking about carbon. But how do we as both an industry and individual farming businesses go about the de-carbonising of UK agriculture? In this 'Question Time' style debate hosted by the Oxford Farming Conference and chaired by OFC Director Liz Bowles, we'll hear the opinions of four industry experts as they answer the Groundswell audience's questions.

The Challenges Of Breeding The Best Varieties For Regenerative Agriculture

Dr Phil Howell, Dr Stéphanie Swarbreck & Dr Ambrogio Costanzo

4:00pm - 5:00pm NIAB Seminar Tent

How can plant breeding and variety selection help regen ag? What are the challenges for breeders and how can they be overcome? With modern genetics and breeding we can shift our selection criteria to match the market, but there will be a lag while these percolate through. There are technical issues - how to grow small plots under no-till conditions, when the drills are designed to push through the crop debris by being big and quick etc. How to convince breeders to develop blends, or varieties that blend well, when their business model (and the whole certified seed system) is based on identity preservation.

George Monbiot In Conversation With Rosie Boycott

George Monbiot & Rosie Boycott

4:00pm - 5:00pm Yeo Valley Old Dairy Tent

George Monbiot is an author, Guardian columnist and environmental activist. His best-selling books include Feral: Rewilding the land, sea and human life, Heat: how to stop the planet burning, and Out of the Wreckage: a new politics for an age of crisis. George cowrote the concept album Breaking the Spell of Loneliness with musician Ewan McLennan, and has made a number of viral videos. One of them, adapted

from his 2013 TED Talk, How Wolves Change Rivers, has been viewed on YouTube over 40m times. Another, on Natural Climate Solutions, that he co-presented with Greta Thunberg, has been watched over 60m times. George's latest book, Regenesi: Feeding the World without Devouring the Planet, was published in May 2022.

Affinity Water: Multi-Species Cover Crops: Evidence, Practicalities & Benefits Of More Diversity

Ian Gould, Tom Sizmur, Ian Waller & Shaun Dowman

4:00pm - 5:00pm Kellogg's Origins Soil Tent

Diversity in your cover crop selection is a generally seen as a positive for your soils and the environment but what evidence do we have to back this up. This session will look at the scientific evidence and practical on-farm experience of the benefits (and pitfalls) of multi-species cover crops.

Drought Tolerant Swards, Herbal Leys & Approaches to Grazing

Peter Cheek, Gillian Preece, Rob Richmond, David Cross & Kate Still

4:00pm - 5:00pm Agricolgy Discussion Tent

Farmers across the UK are rising to the challenges of increased fertiliser costs and extreme weather by diversifying their pastures. Not only are they finding they can improve farm profitability by safeguarding forage supply but they are also providing public goods by building soil health, increasing biodiversity and storing carbon.

This session will hear from farmers in the Innovative Farmers network who have run practical on-farm trials to explore the questions they have on drought-resilient options - from managing lucerne and multi-species leys for productivity and livestock health, to challenging advice on how grazing sheep on red clover swards affects ewe fertility.

Practical considerations, such as establishment technique and fitting these swards fit into wider rotations will be discussed in this session. Join us for an opportunity to hear the latest results from cutting edge farmer-led research. You will also get a chance to ask questions and find out practical tips on establishment technique, how to fit these swards into wider rotations and more.

Dung Beetles - A Farmers' Friend

Sally-Ann Spence & Claire Whittle

4:00pm - 5:00pm Barenbrug Grass Tent

Dung beetles are key ecosystem engineers and offer huge benefits in the agricultural landscape. Their numbers have declined significantly for several reasons including changed brought about by modern farming practices and the use of livestock wormers. They not only save farmers money, but they significantly contribute to the wider eco-system in the process.

Find out more about dung beetles, why they are so important and the benefits they provide to soil, environment, animal health and pasture. See what positive attributions your livestock's dung pats are bringing to the environment by discovering a whole new micro eco-system in each pile! Learn what you can do to help dung beetles and find out more about how you can encourage beetles to pastures.

Innovation Insights at Groundswell 2022

Belinda Clarke, David Newton, Hannah Clarke, Sam Watson-Jones & Dr Daniel Kindred

4:00pm - 5:00pm Speaker's Corner

Do you want a quick overview of the latest, exciting agri-tech that is emerging in the UK? Agri-TechE has challenged its members - farmers, technologists, researchers - to summarise their new products, services or research interests in a series of 2-minute lightning presentations. This session is an opportunity for Groundswell attendees to get a taste of the range of innovation happening in agri-tech - from automation, to understanding carbon capture on farm, to better insights into biodiversity - and will feature both new research and cutting edge technologies, with a focus on support for the transition to ELMS.

The Power of Stories To Create Change

Abby Rose, Aimee Hartley, Sheila Dillon, Joya Berrow, Dora Taylor & Olivia Wilson

4:00pm - 5:00pm Breakout Tent

Stories have shaped our perception of the world around us since time began. At their best, they can challenge us to consider new perspectives, reaffirm the ones we already have or introduce us to completely new ideas. As more and more people become interested in regenerative farming and those behind it, how can we invite them into our world? How can we share the stories that matter in a meaningful and impactful way? For this talk, we invite 3-4 writers, journalists and storytellers to explore how stories can help us challenge existing narratives and create new ones, galvanise change and inspire connection.

5:00 pm

Skippy Scout! (Come Watch A Drone Fly Around A Field For A Bit... & More!)

Jack Wrangham & Alex Macdonald-Smith

5:00pm - 5:15pm Demo Arena

Farmers who know drones, Drone Ag help to make farming more productive through practical hassle-free drone automation.

Their smartphone app, ""Skippy Scout"" leverages the power of drones so you can monitor your crops more efficiently. Fast, repeatable & actionable data & reports, available

in minutes. It automates leaf-level crop data collection and analysis in real-time using drones and AI technology.

Join us for a flight demonstration, showing Skippy's latest developments including an Android version of the flight app, and new features such as our revolutionary field overview technology "Scout Spheres".

Introducing Plant Dyes

Ian Howard & Ashley Walker

5:00pm - 5:30pm Wayzgoose & Nature's Rainbow Stand A13

Ian Howard (retired) founder of Woad Inc. and Ashley Walker of Nature's Rainbow talk about dye plants with known or potential commercial application in the UK, including: Woad (*Isatis tinctoria*), Weld (*Reseda luteola*), Madder (*Rubia tinctorum*), Dyer's Chamomile (*Cota tinctoria*) and Dyer's Greenweed (*Genista tinctoria*) growing in a 3m x 3m demonstration plot. Ian will explain his experience growing Woad and Weld commercially. As a beekeeper, Ashley can comment on how different plants serve pollinators.

Tuckwells & Small Robot Co: Working To Deliver Applications By Exception

Sam Watson-Jones & George Whelan

5:00pm - 5:30pm Tuckwell's Stand in Demo Field

Traditionally crop inputs are applied in a broadacre approach to the entire field, regardless of the extent of the problem at hand. Utilising the power of Per Plant Farming, Small Robot Company are demonstrating the ability to integrate with existing farm sprayer equipment, precisely applying inputs only where required. First, SRC's Tom robot scans the field, building an understanding of where every plant is and what each one needs to achieve optimal performance. Wilma, SRC's AI Advice Engine then creates a treatment map.

This information is used to inform variable rate fertiliser applications and to spot-apply herbicides through nozzle control and sectional control sprays. Fertiliser costs are reduced by around 15% and herbicide use by around 77% . This capability has been developed and will be demonstrated in partnership with Tuckwells.

Is the Future of Agriculture Perennial

Lennart Olsson

5:30pm - 6:30pm Big Top

The root cause of many environmental problems of agriculture – greenhouse gas emission, soil erosion, nutrient leaching, water pollution, the high usage of agrochemicals – is our dependence on annual crops. Social predicaments – labour and capital intensity, dependence on expensive inputs, and subsidies – can also be attributed to annual crops. Shifting to perennial grains could dramatically improve on all these aspects. Recent advances in domestication and breeding of new perennial grain crops show the technical

feasibility of shifting to perennial crops. However, what are the prospects of such a radical shift ("perennial revolution") when it is at odds with the economic interests of the agricultural inputs industry? I will present potentials and obstacles, and give three reasons for optimism of the future.

Soil Farmer of the Year Awards 2022

Becky Willson

5:30pm - 6:30pm NIAB Seminar Tent

The announcement and presentation of awards to the finalists and winners of the 2022 Soil Farmer of the Year competition. A chance to hear more about their farms and the steps that they have taken to safeguard soil health whilst building business resilience and profit.

Regenerative Wine Farming

Ben Walgate

5:30pm - 6:30pm Yeo Valley Old Dairy Tent

An introduction to Tillingham and our journey into Regenerative agriculture and holistic management of a diverse farm enterprise. A wine tasting to be included in the session too. Background to our farm and what we inherited. Discussion of the Tillingham philosophy. Intro to the various methods/practices that we have trialled here and why. Successes and failures. Current and upcoming activities. Discussion of various elements of the enterprise and how they integrate. Sustainability and what it means in practice at Tillingham. Introduction to low intervention winemaking with a guided tasting of a few examples. Q&A.

Grounds For Optimism: What 'Good Stuff' Are You Seeing In Farming?

Dan Crossley, Rebecca Mayhew & Martin Lines

5:30pm - 6:30pm Kellogg's Origins Soil Tent

There are lots of challenges facing UK farming - price squeezes, abusive practices, environmental pressures and more. But what excites you in farming at the moment? And how can we do more of 'the good stuff'? Share your stories and hear from others about what's been working well on the ground. This is simply an opportunity to exchange ideas and inspire each other with your own examples of what excites you about your farm and farming generally. The Food Ethics Council is hosting this space for people involved in farming to come together to share and celebrate what's going well. Join us for a chance to celebrate things that feel 'good' or are going in a good direction in farming.

Learn From My Mistakes

Tom Martin

5:30pm - 6:30pm Agricollogy Discussion Tent

We all make mistakes...but the best ones to learn from are someone else's! In moving to a no-till, regenerative farming system on heavy Cambridgeshire clays Tom Martin has had a

steep learning curve. Tom will outline the challenges and pitfalls he encountered, and draw out learning points that we can all apply on our farms.

Integrating Horticulture As Integral Part Of A Regenerative Farming System

Jim Aplin, Pete Richardson & Guy Singh-Watson

5:30pm - 6:30pm Barenbrug Grass Tent

The National Food Strategy has called for an increase in fruit and vegetable consumption, meanwhile there are calls for rewetting the highly productive fenland soils. The Organic Market Continues to grow offering new market opportunities, while vegetable production can add to the diversity of regenerative farming systems and provide opportunities for new entrants. How can we make it happen? This workshop will explore the synergies of incorporating horticultural enterprises into a larger farming business and the challenges.

Decentralising Food Supply Chains

Pete Russell

5:30pm - 5:50pm Speaker's Corner

Economies of scale have produced a perpetual cycle toward ever increasing centralisation in the world of commerce. Centralisation has benefited society immeasurably over the last 100 years and we simply couldn't have created the quality of life that most of us enjoy without it. But has it gone too far? Pete believes that the food industry hurtled past the sweet spot around 40 years ago and we're now witnessing a correction with the emergence of decentralised food systems with all the fantastic benefits that they bring.

How Is Hospitality Embracing A Regenerative Approach To Sourcing?

Catherine Chong, Chantelle Nicholson, Harry Dyer, Bronwen Percival & Tom Calver

5:30pm - 6:30pm Breakout Tent

As hospitality eyes up the regenerative agriculture space, how are they taking a different approach to working with farmers? How are chefs and restaurant owners adopting a regenerative and agroecological mindset in their approach to creating and managing sourcing relationships directly with farmers and producers? This panel will hear from farmers, chefs and wholesalers doing things differently and explore the sharing of risk and rewards in building a fairer and symbiotic relationship between the farming and hospitality industry.

Can Big Data Enable Us To Eat Our Way Out Of The Climate Crisis?

Ben Bardley

5:50pm - 6:10pm Speaker's Corner

A deep look into how capturing big data, using machine learning and AI can support and enable growers to switch to planet positive farming using regen practices. Ben is the CEO of BX - BX is a Climate Tech business that has the vision of restoring the planet for future generations. BX is transforming the food system by connecting farmers and consumers, to make the right climate friendly choices.

6:00 pm

Certifying The Impossible – How We Have Developed A Rigorous Certification Scheme For Regenerative Agriculture

Franco Costantini

6:10pm - 6:30pm Speaker's Corner

Regenerative agriculture benefits from being a broad ranging set of practices, which can be applied according to the local ecosystem and the crops and livestock being produced.

Certification can bring a range of benefits for farmers, including providing quality assurance for supply chain and consumers, increased marketability, and independent verification of regenerative claims.

But how can you create a robust certification scheme for regenerative agriculture when it is inherently broad reaching and flexible?

The regenagri team will give a transparent review of how we have created certification measurement system to encompass the full scope of regenerative agriculture, explaining why we are not competing with, but can be separate from or even complimentary to organic farming.

Mob Grazing Demo with Greg Judy

Greg Judy & Paul Cherry

6:30pm - 7:00pm Demo Arena

Greg Judy will be demonstrating moving the mob on the herbal ley and answering any questions. With John & Paul Cherry (Host farmers).

Spontaneous Fermentation Beer Demo & Tasting @ Crossover Blendery

George Stagg & Charlie Wood

6:30pm - 7:00pm Blendery Barn

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.

BREAKFAST AT

G R O U N D S W E L L

SERVED 8 - 11 AM



EARLY RISERS BAKERY

REAL BREAD BAKERY BY HAPPY TUMMY CO

48HR FERMENTED SOURDOUGH BRIOCHE BUNS

TOAST & FRESH LOAVES *(all made onsite)*

+

SHAKSHUKA EGGS, PASTRIES, BACON ROLLS, COFFEE

by SALSA ROSE, SSAW COLLECTIVE,
DOUGH WITH THE FLOW, EMILIOS, ROAMING GIRAFFE,
CAMPERVAN COFFEE, HONEST BURGERS + MORE

Thursday 23rd

6:00 am

Groundswell Bird Safari

Gillian Fisher

6:00am - 7:00am Demo Arena

This a session for the early risers. We will take you for a gentle walk round the Groundswell site to introduce you to the sights and songs of the birds that are thriving on the local regenerative farming practices. We will give you hints and tips for identifying farmland birds and discuss what farming practices can help them thrive.

If it's raining we will reschedule to the evening when the birds will be calling again.

8:00 am

Veteran Trees On Your Farm & How To Manage Them

Louise Hackett & Dr Emma Gilmartin

8:00am - 9:00am Car Park

Join a practical walkabout session to view ancient and veteran trees at Groundswell; discover why they are special and look at practical solutions for management on your farm. You will learn how to take care of these valuable trees and the surrounding land, including how to identify risks in both arable and a grazed context. The best practice principles discussed also applies to the management of younger trees, as ancients 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

Creating Healthy Productive Soil That Grows Nutritious Food

Jill Clapperton

9:00am - 10:00am Big Top

People growing food in healthy soil hold all the keys to food security and wellness. Increasingly, we see the benefits from eating whole foods grown in these regenerative systems. Healthy soil is the foundation for the ecosystem services that are at the heart of our food production system. The evidence or metric for this relationship is the nutrient value in the food. Plants take up nutrients more effectively and efficiently when mediated through a biological system. Restoring and optimizing ecosystem services in soil has far reaching positive consequences on climate, water and air quality, and general planetary wellbeing.

In the late 1800's and early 1900's, in both USA and Canada, it was shown that growing clover with corn significantly increased yield and reduced disease issues, and that a mixed species forage before wheat acted in the same way. Intercropping has been practiced for at least 1000

years starting in China. The People of the First Nations in the southwest USA successfully grew corn beans and squash together. Feeding livestock on a mixed species forage improves temperament, rumen function, weight gain, health, and reproductive rates. We now know that using these practices can also increase the amount of minerals in the grain we harvest.

Crop and plant diversity can improve drought tolerance and the nutritional value of our cash crops. The Theory of Gaia proposes that all things are connected. Plants talk to each other using volatile and chemical signals, and the hyphal networks of mycorrhizal fungi act as the conduit between plants, moving water and nutrients. The plants are really connected!

Root diversity, in length, biomass, and composition of root exudates, affects the quantity and quality of the soil organic matter. The diversity of ecosystem services provided by the soil biota is also affected by the quality of the root exudates and organic matter. The soil biota require all the same molecular building blocks that we do - amino acids, carbohydrates, vitamins, minerals, organic acids and etc. The speed of decomposition and nutrient recycling all rely on quality.

Healthy Soil for a Healthy World™. Let's discuss how we can make food good for people, animals, and the environment.

Keepers Of The Thermostat: How Farmers & Ranchers Can Be Climate Heroes

Seth Itzkan

9:00am - 10:00am NIAB Seminar Tent

In this session, Itzkan will discuss how, over tens of millions of years, grasslands have acted as a literal "thermostat" of the climate, keeping the temperature of the planet relatively steady despite multiple opportunities for it to run to extremes — becoming either an "Ice House Earth" such as Mars, or a "Hot House Earth" such as Venus. Neither scenario happened; the reason why is because of grasslands' extraordinary ability to regulate carbon flows between the atmosphere and the soil. Starting from this historical perspective, Itzkan will present the science on carbon drawdown in soils via regenerative grazing and cropping. The discussion will include why the world needs more ruminants, not fewer, and that holistic management must be utilized to assure optimal ecological benefit as well as to eliminate subsidies and deforestation. Additionally, Itzkan, who is twice cited in the 2017 anti-animal agriculture report, *Grazed and Confused*, will discuss the deficiencies of that work and present newer science on Holistic Planned Grazing, aka Adaptive Multi-paddock "AMP" Grazing, which makes clear the distinction between deleterious and regenerative approaches of grazing management, and demonstrates the significant soil carbon

drawdown potential of the latter (averaging 2.74 MgC/ha/yr).

Biodiversity Net Gain: Evaluating The Opportunities For Farmers & Land Managers

Harry Greenfield, Emma Toovey, Toby Diggins & Nick White

9:00am - 10:00am Yeo Valley Old Dairy Tent

From late 2023, Biodiversity Net Gain (BNG) will require developers to minimise and ultimately offset any loss of wildlife habitat from development. This could see significant sums of money being spent to create new habitat, either via direct deals with land managers or the growing market for biodiversity credits.

This panel discussions will hear from experts on how farmers and land managers can take advantage of the opportunity and avoid any pitfalls, including:

- How biodiversity units are measured and delivered
- How BNG interacts with other funding sources such as the new ELM schemes
- Any risks and liabilities for land managers
- What you can do now to prepare for BNG"

Does It Make Financial Sense To Go Regen Agriculture In The Current Economic Climate?

Gary Markham, Mike Purnell, Roger Davis & Ian Watson

9:00am - 10:00am Kellogg's Origins Soil Tent

Gary Markham will open up the debate with benchmarking results from the past 4 years, comparing the financial results of Regen Ag systems with conventional farming. Current costs and crop prices will then be applied to consider both systems.

Gary will then discuss the results with the panel and then open up the debate with the audience.

How Is Big Business Adopting Regenerative Agriculture?

Rosie Boycott, Clare Hill, Anna Turrell, Sarah Wakefield & Matt Ryan

9:00am - 10:00am Agricolgy Discussion Tent

In this session, we ask heavyweights in the UK food industry how they're going about meeting their pledges to incorporate regenerative agriculture into their supply chain. What progress is being made? What are the major challenges they face? How are they helping farmers transition and create more value? And importantly how do we prevent greenwashing in a sector ripe for the picking?

Journalist & food campaigner, Rosie Boycott will centre the discussion around two initiatives - McDonald's x FAI Farms Beef Regeneration Project (recipient of the Compassion in World Farming Sustainable Food & Farming Corporate award) and Tesco & WWF's Sustainable Basket Metric & Sustainability Innovation Fund.

What Does The Farm Of The Future Look Like? Where Are The Opportunities For Low Carbon Energy & Circular Economy Within UK Farming?

Richard Gueterbock, Angela Bywater, Mike Woollacott, Vicki Hird & Sam Watson-Jones

9:00am -10:00am Barenbrug Grass Tent

Looking ahead to the farm of the future... how will we produce food sustainably and what will the farm transport and fuel look like that we need to run future systems?

On the back of the recent highly acclaimed 'Farm of the future – Journey to Net Zero' report, this discussion explores what UK farms will look like in 2030 and beyond.

Regen Tech Forum: Tools For Transition

Oliver McEntyre, Brandon Welch, Joseph Gridley, Synne Foss Budal, Simon Evill & Christopher Ramsay

9:00am -10:00am Speaker's Corner

The UK's first venture fund powering sustainable food, Pelican Ag, showcase leading tech driving regen ag.

Featuring regenerative lending platform, Mad Ag, virtual fencing by NoFence and the Soil Association's nature friendly farming initiative, Soil Exchange; in conversation with Barclays's Agriculture Strategy head.

The Land Gardeners Climate Compost – The End of Chemical Farming?

Henrietta Courtauld, Bridget Elworthy, Tim Williams & Andy Neal

9:00am -10:00am Breakout Tent

Discussing results from their on-farm trials in Cornwall and Northamptonshire The Land Gardeners, Henrietta Courtauld & Bridget Elworthy, regen farmer Tim Williams and soil scientist Andy Neal discuss the benefits of using microbial compost and cover crops to heal our soils, growing strong, healthy plants, sequestering carbon, improving the resilience of soils and nutrient density of their crops. They will discuss how they have integrated it into an existing farming system: muck-spreading, seed-inneculation, direct-drilling and compost teas.

10:00 am

Rainfall Simulator

Jill Clapperton

10:00am -10:30am Big Top

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.

Meet The Speaker

Dwayne Beck

10:00am -11:00am Breakout Tent

Come and have an informal chat with our speakers in the Breakout Tent.

Fibres & Dyes Meet Up - Hosted By Fibreshed

Fibreshed

10:00am - 10:30am Fibreshed Stand B8B

An informal meet up / networking session for farmers and growers of natural fibres and natural dyes, or those interested in growing fibres and dyes, and anyone else involved with fibres and dyes in some way! Hosted by representatives of the Fibreshed movement in the UK.

Quick, Accurate, Cost Effective Soil Carbon Sampling

Stewart Arbuckle, Annie Leeson, Anthony Pink, Jenny Baird & Thea Pease

10:00am - 10:30am Demo Arena

Why would I measure my soil carbon? I don't know what to do with the data and the market is evolving rapidly.....

Restoring soil organic carbon through regenerative land use and farming practices establishes a vital foundation for the future of soil health, fertility and productivity of the land. Today, interest in soil carbon has intensified because of tantalising new opportunities to commercialise these benefits. A growing business is emerging with farmers and landowners being able to quantify soil carbon sequestration, for generating carbon supply-chain certificates, offsets and other environmental services, and helping themselves and organisations to achieve net-zero goals.

They will all need a considerable foundation of ground truth data – real soil samples tested using recognised scientific analysis - to demonstrate that soil carbon gains are real and have been accurately quantified.

Robotics For Net Zero: Precision Fertiliser Spraying & Soil Sampling

Sam Watson Jones

10:30am - 10:45am Demo Arena

With input costs on the rise, farmers are increasingly under pressure. Up to 90% of inputs are wasted. This is not economically or environmentally viable. Fertiliser alone is a major contributor to agricultural emissions.

Robotics gives huge scope to close the gap: delivering applications by exception. Precision monitoring alone can provide immediate value, optimising existing sprayers for herbicide and fertilizer applications. This can reduce fertiliser costs by around 15% and herbicide use by around 77%. Come and find out how robotics supports farming's mission for Net Zero. Learn how Small Robot Company is delivering precision spraying only to the plants that need it, and our work on robotic precision spraying. See our Tom robot demo: Robotics for Net Zero.

In Search Of Missing 30kg Of Nitrogen

Natalia Gulbis

10:30am - 11:00am Smart Rotations Stand E21B

Enhancing microbial population and diversity enables farmers to raise the efficiency of fertiliser usage through the enhancement of a plant's root microbiome. More importantly, farmers can maintain or even increase yield at a lower chemical input-level; through enhanced uptake of both applied and existing mineral nutrients in the soil; simultaneously minimising diffused pollution and enhancing long term 'soil health'. In 2019-2021 a series of field scale experiments were undertaken using plant growth promoting rhizobacteria inoculum to quantify the scope for field N modulation and the subsequent enhancement of plant microbiomes. The yield uplift between the untreated and various bacteria treated areas were found to be statistically significant in all trials.

Regenerative Agriculture In Challenging Environments: Lessons From Farmers In Northern England

Julia Cooper, Pippa Chapman & Amelia Magistrali

10:30am - 11:00am Newcastle University Stand C40

In 2022 both Leeds and Newcastle University launched projects related to regenerative farming in the north of England. We wanted to learn more about how farmers in our region have adopted and adapted regen ag practices to cope with sometimes challenging environmental conditions. As a first phase of the projects, surveys and discussions with farmers were used to understand their perspectives on the regen ag journey in the north of England. In this session we will present the findings from these surveys in an engaging and interactive way and invite participants to reflect and feedback on their own experiences with regen ag in challenging environments. The outcomes of the workshop will help Newcastle and Leeds to shape research and outreach programmes that address the needs of the regen ag community in the north of England.

11:00 am

Carbon Uncharted Waters

Tom Heap, Andrew Voysey, Antony Pearce & Guy Singh-Watson

11:00am -12:00pm Big Top

Tom Heap chairs a diverse panel to discuss the uncharted waters of the carbon opportunities for farmers and landowners. Hear from a regenerative farmer how he's selling his carbon alongside another who is holding off. There's plenty of time for audience participation so bring all of your unanswered questions.

How To Team Up Plants: A Farmer-to-Farmer Surgery On Intercropping

Alison Karley, Jerry Alford, Andy Howard, James Hares, Doug Christie & Charlotte Bicker

11:00am -12:00pm NIAB Seminar Tent

After years of on-farm research, even modest calculations are showing that intercropping has the potential to revolutionise the UK's arable farms. Around for centuries, the practice has recently seen a resurgence as many are recognising the benefits like land efficiency, yield increases and reduced weed and pest pressure.

Join a panel of farmers who have been building expertise on the best ways to establish, manage and process intercropped fields. This session is an opportunity to learn about the range of crops that can be teamed up together, the best machines to use and get advice on the latest innovation in the practice. You will also have an opportunity to share your experiences and get advice.

Will Scale in conversation with Jussi Knaapi

Will Scale & Jussi Knaapi

11:00am -12:00pm Yeo Valley Old Dairy Tent

Jussi Knaapi chats to Will Scale about Zero Till & Regenerative Agriculture from a Finnish perspective.

Regenerate Your Mind

Ben Taylor-Davies

11:00am -12:00pm Kellogg's Origins Soil Tent

Regenerative agriculture is so much more than soil, plants and livestock. We speak so much about the importance of diversity and this should of course encompass people. This session will look at the social aspects of regenerative agriculture and delve into why it was fundamental in helping me overcome my mental health issues and opened my mind to a world of people, places and partnerships.

Growing & Using Your Own Woodchip For On Farm Use

Ben Raskin

11:00am -12:00pm Agricolgy Discussion Tent

There are massive governmental tree planting targets and increasing interest from farmers in putting in agroforestry systems, but maximising the benefits from the woody output from trees is not always easy. Woodchip offers a simple and cheap way to harness the power of wood for the benefit of your farming system. Find out more in this session about how to use woodchip on your farm, as well exploring species selection, growing and harvesting systems, and even opportunities for business diversification.

How to think like a Grazier

Greg Judy

11:00am -12:00pm Barenbrug Grass Tent

With all the challenges facing farmers today with skyrocketing input costs it is extremely important

to stay focused on what we can control. We can lower our input costs by fine tuning our grazing, livestock genetics, building soil life, keeping our soils covered, and developing a strong marketing program. We are in the solar energy conversion business, every blade of grass is important to us. By maximizing our solar panels and turning succulent green leaves into a healthy protein we have a wonderful product to market. To build a strong profitable farm every year, minimum fossil fuel is used along with minimal machines. Stay focused on 4 legged machines that run on grass and reproduce themselves every year.

Are You Ready To Fully Embrace What It Means To Be Regenerative?

Abby Rose, India Hamilton, Dee Woods & John Cherry

11:00am -12:00pm Speaker's Corner

Regenerative agriculture is about so much more than what you do with your soil - that is just the beginning. This panel discussion asks what regenerative really means beyond farming practices and explores how farmers, producers, brands and businesses can adopt a truly regenerative mindset "an approach to healing people and the land".

How Farmers Can Work With Mills To Leverage Value From Fibre

Katie Allen, Beki Gilbert & Juliet Bailey

11:00am -12:00pm Breakout Tent

Shepherdess, designer and machine knitter Katie Allen (Loopy Ewes) hosts a fireside discussion with Beki Gilbert (Natural Fibre Company) and Juliet Bailey (Bristol Weaving Mill), two key processing facilities for natural fibre in the country. In what will also be an inaugural conversation to feature in her upcoming podcast on farming and fibre, Katie will explore the role that the mill can play in bridging the gap between farm and fashion and highlight the wealth of knowledge and expertise that they hold in resource for farmers looking to add value to wool and other fibres.

All three businesses are members of South West England Fibreshed, an affiliate of the global Fibreshed movement since 2015 - now one of eight in the UK - and working to regenerate a bioregional textile economy in the South West. Learn more at the Fibreshed stand and connect with your regional Fibreshed representative.

12:00 pm

British Grown Plant Dyes - An Unmet Demand

Ian Howard, Deborah Barker, Susan Dye, Ashley Walker & Vanessa Barker

12:00pm - 1:00pm Breakout Tent

There is an ever increasing demand from designers for British grown plant dyes. Our panellists will share their expertise in plant dyes, dye farming, processing and demand. We will discuss ways to encourage farmers to explore dye plants and overcome the challenges involved in growing, harvesting and processing successful

crops. Hear the story of Ian Howard's pioneering woad farm and his advice for the next generation of growers. What is the vision of Fibreshed for soil to soil textiles and which dye crops are currently being grown here? What can British farmers learn from projects in the USA, Finland, Netherlands, Germany, Italy and France?

Dung Beetle Safari

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

12:00pm -12:30pm Demo Arena

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, survey 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.

The Land Gardeners Dig Deep Into Microbial Solutions For Our Soils

Bridget Elworthy, Henrietta Courtauld, Richard Baker, Joshua Sparkes, Will Rolfe & Harry Rolfe

12:00pm -12:30pm Land Gardeners

Bridget Elworthy and Henrietta Courtauld of The Land Gardeners will discuss Climate Compost and how they can turn raw organic matter into microbially rich compost – a solution for using on-farm waste to heal soils as part of a regenerative farming solution.

Richard Baker of Microbz will discuss the world of microbes, their role managing waste on farms, the potential for worms and Johnson-Su. Richard will show slides of microbes, their potential on farms and bring a johnson-su to demonstrate alongside our compost windrow.

Joshua Sparkes will share his work on fermentation and bokashi techniques on a market garden and farm in Devon. Instagram [Joshua_sparkes](#)

Will and Harry Rolfe of Two Fields Zakros will talk through how they are gathering, breeding and using microbes to help regenerate an olive farm in Greece.

NIABs Latest Research To Benefit RegenAg

Will Smith

12:00pm -12:30pm NIAB Stand

NIAB will present a range of topics from wheat varieties and crop blends to weed management

and soil health, tying in previous research to how it can be used within RegenAg.

AHDB Arable Q&A

Ian Farrant & Lizzie Sagoo

12:30pm -1:00pm AHDB Marquee

Making regenerative farming work for your business? Using tissue/sap testing to monitor and reduce inputs, create the optimum regenerative dairy farming system, reducing artificial fertiliser inputs on grassland and using biological products to best effect? These are just a handful of questions that our arable and livestock AHDB Strategic and Monitor Farmers are discussing on-farm through their research and wider activities.

Join AHDB and our farmers in the 30 minute Q & A discussions to hear about their regenerative agriculture journey so-far, their challenges and opportunities. Tell us what regenerative agriculture means to you and where you think the research gaps lie, for future AHDB-funded on-farm research.

Kings Cover Crop Tour

12:30pm-1:00pm Kings Cover Crop Trial Plots

Join Kings at their Cover Crop Trial Plot in the middle of the Demo Field to see 20 different variety mixes of cover crops.

Skippy Scout! (Come Watch A Drone Fly Around A Field For A Bit... & More!)

Jack Wrangham & Alex Macdonald-Smith

12:30pm-12:45pm Demo Arena

Farmers who know drones, Drone Ag help to make farming more productive through practical hassle-free drone automation.

Their smartphone app, "Skippy Scout" leverages the power of drones so you can monitor your crops more efficiently. Fast, repeatable & actionable data & reports, available in minutes. It automates leaf-level crop data collection and analysis in real-time using drones and AI technology.

Join us for a flight demonstration, showing Skippy's latest developments including an Android version of the flight app, and new features such as our revolutionary field overview technology "Scout Spheres".

Defra SoS George Eustice with Minette Batters, Tony Juniper & Baroness Natalie Bennett

Rosie Boycott, George Eustice, Tony Juniper, Minette Batters & Natalie Bennett

12:45pm-2:15pm Big Top

Join this extended Policy Hour for a speech from the Secretary of State George Eustice – including an update on the progress on ELMS – followed by a debate chaired by Baroness Rosie Boycott with Tony Juniper, Minette Batters and Natalie Bennett.

Large Windrow Compost Demo

John & Paul Cherry

12:45pm -1:00pm Compost Zone

Weston Park Farms create compost, turning muck into a more stable product. Cattle muck is mixed with woodchip to balance the C and N. The temperature is monitored to ensure it reaches 65 degrees before turning to aerate, this is done two to three times.

Come and see the turner in action.

1:00 pm

Building Relationships Between Farms & Schools

Sarah Alun-Jones, Nicole Pisani & George Webber

1:00pm -2:00pm NIAB Seminar Tent

GROW has spent the last 3 years building a 6 acre agroecological farm on land owned by a state secondary school.

We are both a working farm and educational hub and we supply our school canteen.

We believe that by farms and schools working together, we can begin to address some of the huge challenges we face as a planet, from the lack of connection to the natural world, the climate crisis and the lack of diversity in the farming world.

We want to share our journey to begin to think about what this model might look like in the future.

Shifting the Anti-Meat Narrative

Diana Rodgers

1:00pm -2:00pm Yeo Valley Old Dairy Tent

Across the world, experts are trying to identify the best diet to feed a growing population and a warming planet. Unfortunately, livestock is being unfairly vilified as unhealthy, unsustainable, and unnecessary. But is this anti-meat narrative evidence-based? Diana Rodgers is a registered dietitian who has spent 18 years living on a pasture-based farm near Boston, Massachusetts and is the author of Sacred Cow: The Case for (Better) Meat. She also directed and produced the film, Sacred Cow, part of which was shot in England's Lake District. Diana makes the case that animal-sourced foods are critical for human health and that well-managed grazing animals can improve ecosystem function. As the plant-based push only becomes more intense, Diana's grounded, logical, science-based message that meat must have a place at the table is a refreshing view on this polarizing topic.

The Forgotten Fields: Farmland for Nature

Ben Macdonald

1:00pm -2:00pm Kellogg's Origins Soil Tent

This talk will deal with the catastrophic loss of biodiversity and bio-abundance in UK farmland but offer pragmatic and inspiring advice on how we can simultaneously farm productively for crops and wildlife in the future, reconstructing

the invertebrate food-chain as the basis of a new form of regenerative farming for nature and the soil.

What Will It Take For Agroforestry To Become Commonplace On English Farms?

Will Simonson, Stephen Briggs, Helen Chesshire & Ben Raskin

1:00pm -2:00pm Old Dairy

Defra have stated that they want agroforestry to be supported within ELM. In this session we will describe the Defra-funded Test on Agroforestry and its results to date. The panel will include practising agroforestry farmers who are part of the Test and who will give their perspective on what is needed to make agroforestry mainstream. But it will also be an opportunity for delegates to share about their interest in agroforestry and what support they are looking for. The partners on the panel will pose questions on topics such as tenure, training and permanency of trees. There will also be an opportunity to hear about agroforestry policy support in an EU country and what can we learn from this.

Grassland: Back to Basics

1:00pm -2:00pm Barenbrug Grass Tent

Whether you're an old hand at grassland matters, or thinking about introducing it to your rotation, this session promises something for everyone.

How do you prepare a field for grass? When should you drill? What's the best way to manage a new ley? How do you maintain an established pasture? What's the secret of good grassland management – cutting, grazing, rotation? How do you manage your grassland to best effect, agronomically, financially and environmentally?

Our panel of farmers and expert grass consultants share their thoughts and invite questions about all grassland essentials.

Seed-growing may be a niche practice, but those who do so enjoy a host of benefits: a valuable extra crop in the rotation, another source of income from grazing and conservation, and increased biodiversity and other environmental benefits.

We've assembled a specialist panel – grassland experts, consultants, and third-generation grower David Barker – to explain why there's a place for grass on your farm.

Do Potatoes Have A Place In A Regen System?

Richard Harding , Regen Ben, Ian Tolhurst & Ed Hodson

1:00pm -2:00pm Speaker's Corner

Drawing on a range of real world examples this session explores how no-till potatoes have a place in a regenerative farming system and also poses the question 'What should be the most sustainable carbohydrate source in our diet today?'

What Can Disease Tell Us In Regenerative Farming Systems?

Claire Whittle & Dan Stevenson

1:00pm -2:00pm Breakout Tent

Disease. Viruses, bacteria, parasites. Often considered a normal part of a functioning ecosystem. But, when disease affects our livestock it has implications not only for animal health and welfare but also financial impacts due to production losses.

In this interactive session, farm vets Claire Whittle and Dan Stevenson will explore a holistic approach to animal health from both a livestock management perspective to wider ecological issues such as the benefits of on-farm biodiversity to animal health. By understanding the drivers and dynamics of disease, from determining their root cause to identifying bottlenecks on farm - they invite you to discuss whether zero disease is a realistic expectation in a regenerative system.

2:00 pm

Social Media Marketing Workshop For Farmers

Diana Rodgers & Ed Horton

2:00pm - 3:00pm Breakout Tent

Learn how best to tell your story in this informal workshop with dietitian and sustainability advocate Diana Rodgers (on instagram @sustainabledish) and farmer Ed Horton (on instagram @e.a.horton). We'll answer questions, talk about our approach, and give tips on how you can tell your story using social media.

Barenbrug Grass Tour

Barenbrug

2:00pm - 2:30pm Barenbrug Stand

Considering introducing livestock or increasing biodiversity with diverse grass and herbal ley mixtures on your farm?

Meet the Barenbrug UK team today and learn more about the Barenbrug grass and herbal ley mixtures created for regenerative farming approaches with the trial plots in the demo field.

Alley Cropping In Practice (Walk To Weston Trial)

Paul Woodgate

2:00pm - 3:00pm Agricolgy Discussion Tent

The Woodland Trust have been working with the Cherry family to establish a silvoarable and silvopastoral systems at Lannock Manor Farm. Walk out with Paul Woodgate to see the Alley Cropping in practice, discover the key takeaways when considering this kind of system. A range of topics will be discussed, from setting objectives and the marketing of produce, through to the practicalities for ground preparation, spacings and alley width, species selection, protection, aftercare and the Trust schemes.

Regen Field Trip: Learn The Regen Indicators

Abby Rose & Annie Landless

2:00pm - 3:00pm Demo Arena

Dig into the underworld of soil with a practical demo of how to do in-field observations for regenerative farming. Nicole Masters of Integrity soils will join us virtually to talk through the regen indicators and how these build up a picture of soil health and biodiversity on your farm. Learn how to monitor each regen indicator in the field with a hands in the earth demo by the Soilmentor team. Grow your regen mindset and change the way you see your farm by observing through the lens of the regen indicators.

ADAS Biodiversity Bimble

Elysia Bartel, Samuel Telling, Lynn Tatnell & Dr Sarah Cook

2:30pm - 3:00pm Demo Arena

Meet ADAS scientists at the demonstration tent and learn to recognise some key farmland invertebrates. Then take a stroll with ADAS entomologists Elysia Bartel and Samuel Telling and plant scientists Lynn Tatnell and Dr Sarah Cook to use this knowledge and explore the Groundswell meadow. We will use sweep nets and traps to discover which mini beasts are living here on site and which plants provide their homes.

Introducing Plant Dyes

Ian Howard & Ashley Walker

2:30pm - 3:00pm Wayzgoose & Nature's Rainbow Stand A13

Ian Howard (retired) founder of Woad Inc. and Ashley Walker of Nature's Rainbow talk about dye plants with known or potential commercial application in the UK, including: Woad (*Isatis tinctoria*), Weld (*Reseda luteola*), Madder (*Rubia tinctorum*), Dyer's Chamomile (*Cota tinctoria*) and Dyer's Greenweed (*Genista tinctoria*) growing in a 3m x 3m demonstration plot. Ian will explain his experience growing Woad and Weld commercially. As a beekeeper, Ashley can comment on how different plants serve pollinators.

3:00 pm

What Can Policy Makers Do To Support Regenerative Farming?

Henry Dimbleby, Defra SoS George Eustice, Ruth Edwards MP, Sir Oliver Heald QC & Ian Davis

3:00pm -4:00pm Big Top

The principles of regenerative agriculture sit at the heart of the government's new Sustainable Farming Incentive. This will support farmers to improve soil health through actions such as cover cropping. The ambition is to help farmers reduce their use of expensive artificial fertilisers and reward the delivery of public goods such as carbon sequestration and cleaner water.

The government is also supporting knowledge exchange and skills development, and providing capital for new equipment to help more farmers

adopt regenerative practices. In addition, the government could aid the establishment of markets for soil carbon, biodiversity and nutrient credits which farmers can sell alongside their traditional food production businesses - making regenerative farming commercially as well as environmentally attractive.

Our panel of parliamentarians and experts, which includes the Secretary of State George Eustice, will answer your questions on how the new payment schemes will support farmers wanting to transition to regenerative farming and respond to your ideas for further policy support.

Improved Nutrient Management With Zero Carbon Fertilisers

Prof Peter Hammond & Nick Jeffries

3:00pm -4:00pm NIAB Seminar Tent

Increasing prices and potential reduced imports of mineral fertilisers provide a significant challenge to UK agricultures ability to deliver nutrients to crops in a way that which provides long term economic resilience. This session discusses the solutions, available now, for deploying sustainable organo-mineral fertilisers to increase soil health, continue to build on crop yield and significantly reduce on farm fertiliser emissions.

Ian Pigott in Conversation with UK No-Tillers

Ian Pigott, Chris Hollingsworth, James Goodley & Ed Horton

3:00pm -4:00pm Barenbrug Grass Tent

Ian Pigott hosts a conversation with UK Arable No-Tillers – followed by audience Q&A

Merlin Sheldrake In Conversation...

Merlin Sheldrake & Philippa Clarke

3:00pm -4:00pm Kellogg's Origins Soil Tent

Fungi are everywhere but they are easy to miss...

They are inside you and around you. They sustain you and all that you depend on. As you read these words, fungi are changing the way that life happens, as they have done for more than a billion years. Fungi provide a key to understanding the planet on which we live, and the ways we think, feel and behave.

Merlin Sheldrake talks about his work.

Food, Water, Carbon & Nature - How It Can All Add up

Tony Juniper

3:00pm -4:00pm Agricolgy Discussion Tent

We are in a period where we need to achieve more from our land than ever before. This includes producing sufficient food, reducing emissions and catching carbon from the atmosphere, creating resilience as the world warms, creating opportunities for people to gain well-being benefits, improving the health of rivers and at the same time as taking action to halt and reverse the decline of wildlife. These outcomes rely on environmental security and protecting and enhancing the natural processes that sustain society.

If we adopt approaches that trade these priorities against one another (for example food versus Nature recovery), however, then it will likely be the case that desired outcomes on most, if not of all these agendas, will not be achieved (or at least achieved less efficiently that might otherwise be the case). By contrast, if we take genuinely joined-up and integrated approaches, and delivered at scale, toward environmental security, then we might make progress toward multiple goals all at once, and in the same landscapes.

Multiple new targets, tools and policies could be integrated to deliver better outcomes. These include the new Environmental Land Management Schemes, Biodiversity Net Gain, investment in woodland expansion and action to reduce flood risk, all of which can be brought together via the new framework of Local Nature Recovery Strategies, which in turn will be backed by new natural capital data platforms.

This will, however, require stepping out of silos and instead toward plans for places that seek to maximise positive benefits across multiple agendas at once.

Rise of Real Bread

Karen O'Donoghue, Wing Mon Cheung, Abi Aspen, Safia Shakarchi & Henrietta Inman

3:00pm -4:00pm Speaker's Corner

Join us for an all female line-up of bakers and heritage grain-growers taking real bread to the masses, and getting more diversity into our bread and our guts. Hear how they're using local, regeneratively grown grains to produce food that nourishes their community. As more bakers and food citizens get behind the new grains movement we explore the opportunities and benefits for farmers.

An Innovative Butchery System That Optimises Whole Carcass Utilisation Delivering Higher Financial Returns, A Positive Impact On Society & The Environment

Rich Summers

3:00pm -4:00pm Yeo Valley Old Dairy Tent

Rich Summers talks about and shares his experiences of extracting more value from livestock production by shortening the supply chain. The typical farmer is lucky to get a modest wholesale price from whole carcass sales. However, by taking on some of the product development and intelligently processing the meat, there are significant margins to be enjoyed from the source.

Selling directly to the public can maximise your financial returns and although this is not a new idea, we would like to inspire you with our approach to direct sales which has the potential to greatly increase financial returns whilst ensuring every last piece of the carcass is utilised. That is a big tick for your pocket and one for sustainability too! Part of the secret is the transformation of lesser fashionable cuts into a range of more

popular meat products increasing both the availability and affordability of pasture fed meat.

Are We Doing The "Right Things" Or Only Doing The Wrong Things Better?

Dwayne Beck

3:00pm - 4:00pm Breakout Tent

The Dakota Lakes Research Farm (a farmer-owned entity) has developed low-disturbance, diverse, no-till programs. These have drastically improved the profitability and reduced negative environmental impacts worldwide. Unfortunately, this has only stopped the bleeding but has not healed the patient. Doing that requires switching agriculture from linear to circular systems.

4:00 pm

Adding Value To Fleece - Bridging The Gap Between Farm & Yarn With Jen Hunter

Jen Hunter

4:00pm - 4:30pm Fibreshed Stand B8B

Jen Hunter offers a practical demonstration of gathering and throwing fleece from the shearer onto the grading tables, so it's in the right position to be graded. You'll learn about strength testing, grading to include skirting, removal of damaged, contaminated, and felted fibres, and how to select a fleece for processing to spin or felt. Dividing the fleece into its various qualities enables us to find a use for all parts and knowing what to look for when creating yarn batches determines what to use for yarn, what can still be used for felting, stuffing, mulching and much more!

Compost Demo With The Land Gardeners

Henrietta Courtauld & Bridget Elworthy

4:00pm - 4:30pm Compost Zone

See how to make high quality aerobic microbial Climate Compost at farm scale. Watch The Land Gardeners turn their windrow using optimised machinery and monitoring equipment.

AHDB Livestock Q&A

Lizzie Sagoo & Ian Farrant

4:00pm - 4:30pm AHDB Marquee

Making regenerative farming work for your business? Using tissue/sap testing to monitor and reduce inputs, create the optimum regenerative dairy farming system, reducing artificial fertiliser inputs on grassland and using biological products to best effect? These are just a handful of questions that our arable and livestock AHDB Strategic and Monitor Farmers are discussing on-farm through their research and wider activities.

Join AHDB and our farmers in the 30 minute Q & A discussions to hear about their regenerative agriculture journey so-far, their challenges and opportunities. Tell us what regenerative agriculture means to you and where you think the

research gaps lie, for future AHDB-funded on-farm research.

Technological Advances In Soil Analysis

Sophie Cath

4:00pm - 4:30pm Demo Arena

Farmers are continually advised to take a 'holistic approach' at improving their soils and growing crops. The question is, how do you quantify a 'holistic approach' effectively and economically? Eurofins Agro has developed cutting edge techniques to effectively and economically measure soil health, such as Phospholipid Fatty Acid (PFLA) analysis and Near Infrared Spectroscopy (NIRS) analysis. PFLAs are present in the cell membranes of living organisms. Using PFLA analysis, we can determine the quantity and type of living organisms in your soil. We have also developed a system for rapid indirect analysis of soil using NIRS that is able to analyse over 20 soil parameters in 20 seconds. This technology uses machine learning combined with wet chemistry analysis to delivers efficient, economic and reliable added insight.

How To Avoid Farmageddon & Reach A Nature-Friendly Future

Philip Lymbery & Matt Stadlen

4:30pm -5:30pm Big Top

Our food matters more than ever but mega industrial farms, chemicals and animal cages are sweeping the countryside and jeopardising the very air we breathe, the water we drink, the food we eat and the nature we treasure. We urgently need food systems transformation in order to reach a world food system that can be genuinely sustainable and nature-friendly.

The threat of weeds for Regenerative Agriculture

John Cussans & Will Smith

4:30pm - 5:30pm NIAB Seminar Tent

The key components of RegenAg are predicted to select for a different selection of weed species to those that we are currently dealing with - particularly those associated with less soil disturbance and/or perennial components e.g. leys or under-sown companions. We will discuss these possibilities, using case-studies from the UK and from France, including recent work from the H2020 project IWMPRAISE, which specifically studied weed management in conservation agriculture.

The Environmental & Financial Benefits Of Using Native livestock In Conservation Grazing

Christopher Price, Tom Blunt & Andrea Parry-Jones

4:30pm - 5:30pm Yeo Valley Old Dairy Tent

The session will demonstrate the environmental and financial benefits of using native livestock and equines in conservation grazing.

Our native breeds were bred to thrive in our landscapes. They created the habitats, the

meadows and pastures that we need to manage better or restore, and so it is through their use that we are most likely to achieve desired environmental objectives.

The session will offer an established approach to creating a sustainable conservation grazing regime using native breeds based on the principle of having the right breed, in the right place at the right density.

The latest information on the potential for securing payment under ELM for keeping native livestock and equines will be provided.

Wakelyns 2022: Evolve The Agroforestry Trial Site Through Short Food Chains & Enterprise Stacking

David Wolfe

4:30pm -5:00pm Kellogg's Origins Soil Tent

Ann & Martin Wolfe started planting the pioneering organic rotation agroforestry system at Wakelyns in 1994. They ran it as a series of scientific trials until Ann's death in 2016 and Martin's in 2019 by which time it was internationally renowned for the innovations it had showcased.

David Wolfe (along with his wife Amanda) and his brother Toby have since been evolving one of the oldest and most diverse agroforestry systems of this kind anywhere into a sustainable agroforestry community based on short food chains and stacked enterprises.

With an on-site bakery closely integrated into the farming and fruit growing, with the RealVeg group producing organic veg boxes on a CSA model, and with The Woodland Haberdasher and Willow Phoenix using wood and other produce from the fields, we are gently working to maximise the productivity, biodiversity and human benefits from our 56 acres. And there is scope for lots more – more ideas always welcome.

As well as growing the YQ and Q wheats developed at Wakelyns, we've this year drilled three sorts of lentils, flax, hemp, a range of 'heritage wheats' and an experimental oat population. Scientific collaboration with the Organic Research Centre and a range of university scientists ensures that Wakelyns remains at the heart of learning and research.

David and Amanda see their role as being to facilitate and enable the wide and varied talents of the community of people now living and working at Wakelyns.

The End Is Nigh, The End Of Nitrogen

Alastair Leake, Tim May, Martin Lines, Dominic Amos & Mark Lea

4:30pm -5:30pm Agricolgy Discussion Tent

Nitrogen – With rising costs, growing limited availability and well documented impact on the environment, farmers want to reduce the use, but can the sector facilitate, adapt to, and support this move?

Chaired by Dr Alastair Leake (Director of Policy at the Game & Wildlife Conservation Trust), this panel session will discuss the impacts of reduced

nitrogen use and hear first-hand how farmers are moving away from high input systems, as well as discussing learnings from projects including the "Living Mulch" Field Lab (funded by Innovative Farmers and Organic Arable).

How Do We Enhance The Domestic Supply Chain For Hemp Whilst Measuring & Recording The Environmental Impact?

Nathaniel Loxley, Glyn Mitchell, Nick Voase, Dr. Lydia Smith, Camilla Hayselden-Ashby & Dr Lynda Deeks

4:30pm -5:30pm Barenbrug Grass Tent

Hemp is experiencing a global renaissance. Governments and industry are waking up to its positive impacts and uses in textiles, construction, food and more. It is an environmentally and economically sustainable agricultural crop that could provide a solution to many of the UK challenges in this modern landscape. But there are various barriers to a flourishing industry in the UK and legislation is a huge restrictive element (the crop is still classified as a narcotic). Join this session to hear about the effort to gather data, assemble collective knowledge domestically and build the infrastructure required to support the scaling up of this wonderful natural resource.

Jake Fiennes & Sarah Langford in Conversation & Book Launch

Sarah Langford & Jake Fiennes

4:30pm -5:30pm Speaker's Corner

Join Jake Fiennes and Sarah Langford in conversation to celebrate the launch of their new books - 'Land Healer' by Jake Fiennes - published today (23rd June) and 'Rooted: Stories of Life, Land and a Farming Revolution' by Sarah Langford - published 7th July (pre-release copies available at the Groundswell bookshop)

Jake and Sarah will discuss what brought them onto the land, the changes to which they have borne witness, the solutions farming can offer and the message of hope which lies within both their books.

Farming & Community Advice & Support For Our Climate & Nature Recovery

Jenny Phelps, Matt Whitney & Teresa Meadows

4:30pm -5:30pm Breakout Tent

This session will set out a shared vision and how to find structured local support for farmers and communities to deliver resilience and climate action. It will demonstrate an integrated framework and the essential role of farmer collaboration and facilitation. It will help delegates understand how to contribute to creating a structure around the complex architecture of farm and community advice in a climate emergency. It will explore the many partnership roles needed to deliver transformational change, and how they can complement each other for co-investment in natural capital recovery. It will also demonstrate

how to develop farmer led investment ready projects for blended finance that create opportunities for sustainable food and fuel production, creating opportunities for environmental recovery.

5:00 pm

Saving The River Wye From Death By Chicken Manure

Jeff Allen, Stephen Ware, Sue Allen & Richard Baker

5:00pm -5:30pm Kellogg's Origins Soil Tent

Stephen Ware, BBC Food & Farming Awards 2021 Farming for the Future finalist and Nuffield Scholar (farming) 2011 will be in conversation with Jeff Allen, founder of Microbz. Stephen, a mixed poultry and fruit farmer in Herefordshire, is passionately determined to find a solution to the minimum 150,000 tonnes of chicken litter that is being spread on land that drains into the River Wye every year and is killing the river. Jeff and Stephen will share learnings and results from a 2022 trial in which chicken litter was baled up with liquid effective micro-organisms (Microbz), sealed in plastic and left for 12 weeks, with the aim of turning the putrid chicken litter into a fermented beneficial soil conditioner. Soil conditioners can be applied to all land at any time of the year.

Spontaneous Fermentation Beer Demo & Tasting @ Crossover Blendery

George Stagg & Charlie Wood

5:30pm -6:00pm Blendery Barn

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.

Mob Grazing Demo with Greg Judy

Greg Judy & John Cherry

5:30pm -6:00pm Demo Arena

Greg Judy will be demonstrating moving the mob on the herbal ley and answering any questions. With John & Paul Cherry (Host farmers).

