

Dairy-Tech

PUBLISHED BY BRITISH DAIRYING

Informing
Innovation and Dairy
Hub Seminars p8-11

Embracing new ideas
What's On –
Show Features p12-14

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Showcased p18-26

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EVENT ORGANISER

Events For You Ltd is a trading subsidiary of the Royal Association of British Dairy Farmers, The RASE Centre, National Agricultural Centre, Kenilworth CV8 2LZ

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EVENT INFORMATION

- All visitors will be required to purchase tickets either pre-event online **www.dairy-tech.uk** or at the event on the gate.
- **Admissions:** free parking and a copy of the official event guide are included in the ticket price.
- RABDF members qualify for free tickets with further discounts available, full details can be found at **www.dairy-tech.uk**
- Under 16s admitted free of charge but proof of age may be requested.
- **Event hours:** The event is open from 8.00am to 5.30pm on Wednesday 7 February 2024.
- **Location:** Stoneleigh Park, Warwickshire CV8 2LG.
- **Car Parking:** free, follow signs to Dairy-Tech 2024.
- **First Aid:** available from the Organiser's Office.
- **Disabled:** easy access to all areas for disabled visitors and designated parking for blue badge holders.
- Dogs, other than Guide Dogs wearing identification coats, are not allowed.
- **Further information:**
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Welcome to Dairy-Tech 2024

As ever, the dairy industry finds itself in the midst of ongoing change, and businesses must continue to be resilient, competitive and efficient to operate effectively and sustainably.

Dairy-Tech will have a wealth of information available to help dairy farmers as they make their way through the latest transitions facing them.

Technology giant Google will open the Dairy Hub with a keynote address looking at future consumer dynamics, what changes we're likely to see, and answering the questions about why it's so important for businesses to stay aligned with the ever-changing needs and requirements of the consumer.

Other top experts will feature on the Dairy Hub throughout the day to discuss the environment and ways of achieving carbon neutrality, the role of diversity in agriculture and a dairy market update debate, hosted by Chris Walkland with Freshway's CEO Bali Nijjar and Paul Savage of Arla Foods.

We feel extremely privileged to be able to welcome Hillary Curnow, Agriculture Counsellor, New Zealand High Commission, who will detail New Zealand's journey to net zero and look at how it compares to what we are doing, and the progress we are making in the UK.

Top members of AHDB's Dairy Council will come together to address how the increased levy is being spent and offer visitors the chance to quiz them on the Levy Board.

As part of this year's session on animal health and welfare, we are pleased to have Defra's Policy Lead, Martin Jenkins, who will give a Government update on driving down disease. Dairy farmer Charles Goadby and vet Graeme Fowlie, will be talking about Mycoplasma Bovis and practical ways to overcome this costly disease. For the first time, this session will conclude with the presentation of our RABDF Farm Health Management Award – a competition open to vet and agric students based on proactive farm health management practices.

The Innovation Hub will, as ever, will be dedicated to showcasing the latest technologies available to help the modern dairy farmer. This year will have information on a host of topics, including on-farm diagnostic testing for mastitis and how exceptionally specific data, matched against genomic samples, can provide highly accurate selection and culling decisions. As part of Defra's Farming Investment Fund, we have a session explaining some of the current grants available for those investing in technology, infrastructure and equipment.

With lameness continuing to be a priority of Defra's Animal Health and Welfare Pathway, we welcome our newly branded Healthy Feet Zone in Hall 2a. With a whole host of supporting companies, the zone will provide visitors with information, training on correct hoof trimming techniques, advice on foot health and the opportunity to browse the latest equipment and foot care products on offer. A team of dedicated and experienced foot trimmers will be on hand and able to demonstrate best practice foot trimming, highlight lesions to be conscious of and discuss how to prevent lameness to improve productivity.

Brand new for this year's event, we have teamed up with training provider LANTRA to offer a training area. Located just inside the main event doors, it will comprise of demonstrations focusing on topics such as farm safety and livestock handling.

An industry-leading event like Dairy-Tech would not be possible without our sponsors and exhibitors, who are at the heart of helping the industry. Our members are also vital, and thanks must go to them, as well as RABDF trustees and staff who are integral when it comes to carving an event model such as this, alongside our industry advisory board.

Final thanks must go to you, our visitor, for attending. We hope you have an enjoyable and informative day and can take home relevant information to help your business in the future.

If you have any queries, feedback or comments, please visit the RABDF on stand B80.

Matt Knight
RABDF Managing Director



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Don't Suffer in Silence Help is at Hand at Dairy-Tech

Help is at hand at this year's Dairy-Tech for farmers and farming families experiencing difficult times, thanks to support from the Farming Community Network (FCN).

This year, the FCN will be at the event on stand P131, where specially trained volunteers are available to offer a listening ear no matter what the problem is.

Farmers are regularly forced to deal with issues on the farm that are beyond their control, such as animal disease, fluctuating market prices and the weather. Farming can also be a very isolating and lonely occupation, with farmers often spending long hours in the field with little or no social interaction.

All of this means that farmers and farming families across the UK are highly susceptible to poor mental wellbeing, including stress, anxiety and depression.

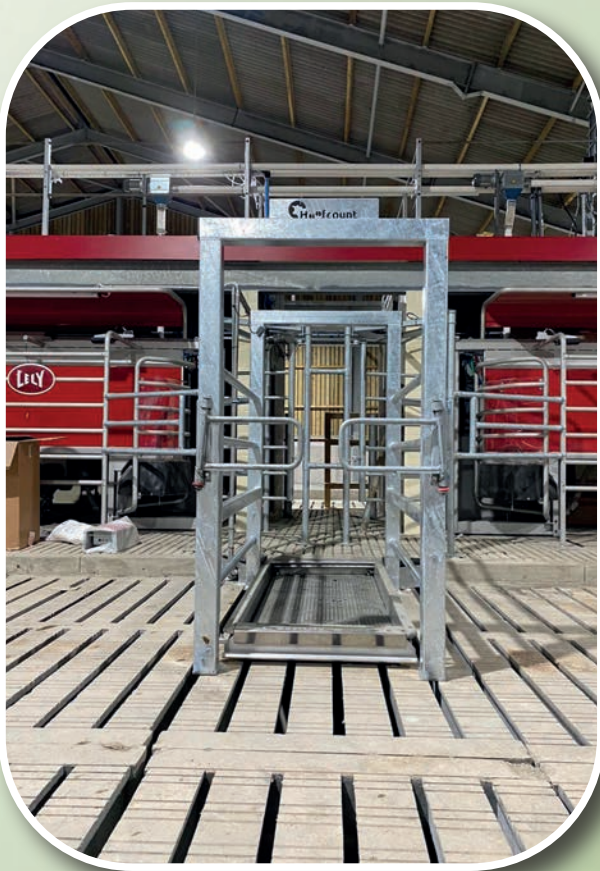
The Farming Community Network helps farmers and farming families in England and Wales manage and thrive through difficult times and periods of change.

Talking about a problem is often the first step towards improved mental wellbeing. This is where FCN can help. If you have issues you would like to discuss in confidence with someone who you have no emotional attachment to and who will treat your situation without judgment, then pop along and speak to one of the team at Dairy-Tech or call the helpline on 03000 111 999.



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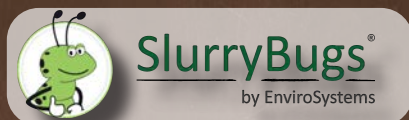
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Barclays is proud to be the principal sponsor of Dairy-Tech 2024, continuing a commitment to UK dairy farmers and the agricultural sector that began in 1744. As your partner for growth, we're excited for a vibrant showcase of innovation and demonstrations – tailored to the fast pace of today's industry.



Event sponsors:

ADF Milking, Agri-Tech Centres, Forage Technology, ForFarmers, Hi Peak, Livestock Information Ltd, Mootral, Sedulo

Technical partner: AHDB

Royal Innovation Award: CIEL

Healthy Feet Zone: VetPartners

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Media partner (digital): Farmers Weekly

Innovation Hub supporters:

ADF Milking, Advanced Milking, Agri-Tech Centres, AHDB, Barclays, Cogent, DEFRA, Forage Technology, Galebreaker, Lely, LIC, Nightingale Electrics, Sedulo, SRUC, Viking Genetics, Warrendale Wagyu, Zoetis.

Dairy Hub supporters:

Agricarbon, AHDB, Arla Foods, Barclays, DEFRA, Dodd & Co, First Milk, Freshways, Google, Grosvenor Farms, Hi Peak, IVC Evidensia, Kite Consulting, Meadow Vets, Mootral, New Zealand High Commission, NFU Cymru.



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The Dairy Hub includes panel debates and seminars on key industry issues, such as managing volatility, improving efficiency, meeting the net zero challenge, plus lots more. Here's a look at some of the sessions in store.

Keynote session, tech giant Google

10:00am

Google's Andrea Coffey (right) and Louise Meehan will kick proceedings off on the Dairy Hub with a keynote address. With a combined wealth of knowledge, they will be discussing future consumer dynamics and what changes we're likely to see, not only as an industry, but as a wider nation, whilst outlining the importance, as a business, of staying aligned with the ever-changing needs and requirements of the consumer.



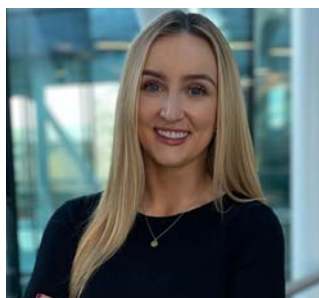
State of the Nation Debate

10:20am

This year's State of the Nation Debate features top industry experts who will give their thoughts on topical issues affecting the sector, with a particular focus on the here, the now and the future.

Panellists will include Barclays Head of Agriculture, Adam White, dairy farmer and NFU Cymru Deputy President Abi Reader, Regional Veterinary Head of Farm at IVC Evidensia, Navaratnam Partheeban, Rob Hitch, Partner, Dodd & Co and RABDF Board Member and AHDB Dairy Sector Council Chair, Lyndon Edwards. Keynote speakers Louise Meehan (right) and Andrea

Coffey, Google will also join this session adding an external view to the discussions. Listeners will be able to direct questions to a specific panellist of their choice. A jam-packed session that you won't want to miss!



How is your Dairy Levy being spent?

11:00am

With your Levy being increased, we have invited members of AHDB's Dairy Council to sit on a panel session to explain their plans on how it is going to be spent. Expect to hear about where this will be invested, what you can expect to see as a result, and the benefits it will bring

to your business and the industry as a whole. Joining the panel are Marketing Director, Liam Byrne and Liz Haines, Dairy Sector Council Member. This session will provide the perfect opportunity for listeners to quiz members on any questions you may have.

Dairy markets

11:30am

Arla's UK Agricultural Director, Paul Savage and Freshways Chief Executive Bali Nijjar join industry commentator Chris Walkland in a discussion on dairy markets. They'll be looking at what can be expected

over the coming months when it comes to prices, highlighting any changes and the subsequent knock-on effect these will have from primary production through to processor, retailer and consumer level.

Efficiently achieving 1000kg

12 noon

Maximising milk solids is key for sustainable dairy production. Join Kite Consulting's Rose Jackson, Head of Genetics and Maimie French, Technical Consultant and co-authors of the Efficiently achieving 1000kg report as they explain

why 1000kg of milk solids, per cow, per year, is an achievable target for some dairy businesses.

Hear more about the report in this session and how farms are achieving 1000kgs in their herds by focusing on targeted investments and genetics.

Sustainable Farming Incentive

12:40

Find out what's on offer in 2024, as part of Defra's SFI, an incentive aimed at rewarding food production, farm productivity and resilience, whilst protecting and improving the environment. The SFI can offer your farm an additional income supporting

best practice, where you will get paid for actions that support the initiative. Defra will highlight what changes are ahead and what you need to do to be in with the best chance of qualifying and successfully applying for any grants.

Emissions – A look at New Zealand's approach

13:55

We're delighted to welcome Hillary Curnow, Counsellor, New Zealand High Commission, to Dairy-Tech this year.

Hillary has worked across a range of agricultural policy areas in New Zealand, including natural disaster

management, emissions trading and water quality. With farm emissions a poignant topic and a driving factor behind future government legislation, not just here in the UK, we will hear what practices NZ dairy farms are adopting in an effort to tackle emissions.

Driving down disease

14:40

Join a panel of dairy farmers, vets and policymakers, who will speak together to discuss their differing perspectives when it comes to driving down disease on farm. Dairy Farmer and RABDF Trustee, Karen Halton will speak alongside James Russell, Non-Executive Director, Animal Health and Welfare Board for England and Martin Jenkins, Defra's Head of Transforming

Farming, where they will look at the benefits associated with eliminating disease and its contribution to better productivity on farm. There will also be a discussion on best practice and the steps that can be taken to prevent disease occurring on farm, and how working with vets and stakeholders contributes to better disease control in your herd.

Time	Presentation	Speakers
KEYNOTE SESSION, Chaired by Robert Craig, RABDF Chairman		
10:00	Insight into the consumer of the future	Louise Meehan, Google Andrea Coffey, Google
10:20	State of the Nation Debate - The here, the Now and the Future	Louise Meehan, Google Adam White, Head of Agricultural, Barclays Abi Reader, Dairy Farmer & NFU Cymru Deputy President Navaratnam Partheeban, Regional Veterinary Head of Farm - IVC Evidensia Lyndon Edwards, Board Member and Dairy Sector Council Chair, AHDB Rob Hitch, Partner, Dodd & Co
UNDERSTANDING HOW AHDB ENGAGE WITH CONSUMERS, Chaired by Di Wastenage, RABDF Trustee		
11:00	Overview, panel discussion and Q&A	Liz Haines, Dairy Sector Council Member, AHDB Liam Byrne, AHDB Marketing Director
WHAT YOU CAN EXPECT FROM THE DAIRY MARKETS, Chaired by Chris Walkland		
11:30	Overview, panel discussion and Q&A	Paul Savage, UK Agricultural Director, Arla Foods Bali Nijjar, Chief Executive, Freshways
EFFICIENTLY ACHIEVING 1000KG OF FAT AND PROTEIN PER COW, Chaired by Mike King, RABDF Trustee		
12:00	Efficiently Achieving 1000kg - Maximising milk solids for sustainable dairy production	Rose Jackson, Head of Genetics, Kite Consulting & Maimie French, Technical Consultant, Kite Consulting
DAIRY FARMING AND THE ENVIRONMENT, Chaired by Peter Alvis, RABDF Trustee		
12:30	Down to Earth 2024 host - Our environmental ethos	David Craven, Dairy & Infrastructure Manager, Grosvenor Farms
12:40	What to expect from the Sustainable Farm Incentive in 2024	Andrea Maxwell, DEFRA
13:00	Achieving carbon neutrality	Chris Gooderham, Livestock Science & Environment Director, AHDB
13:20	Let's talk about emissions	Kimberly Campbell, Technical Sales Specialist, Mootral
13:30	Soil Carbon Measurement; Now and in the Future	Dr. Harry Kamilaris, Senior Business Development Consultant, Agricarbon
JOURNEY TO NET ZERO - IT'S POSSIBLE, Chaired by Peter Alvis, RABDF Trustee		
13:40	Build your environmental resilience: how to measure & mitigate against climate change risks	Hayley Campbell-Gibbons, Head of Sustainability, Kite
13:55	Tackling on-farm emissions: New Zealand's approach	Hillary Curnow, Agriculture Counsellor, New Zealand High Commission
ANIMAL HEALTH & WELFARE, Chaired by Sarah Tomlinson, RABDF Trustee		
14:20	A look at future TB control	Sarah Tomlinson, TB Advisory Service Technical Director, RABDF Trustee
14:40	Panel discussion: Driving down disease, perspectives of dairy farmers, vets & policy makers	Karen Halton, Dairy Farmer, RABDF Trustee Mr James Russell, Non-Executive Director, Animal Health and Welfare Board for England Martin Jenkins, Head of Transforming Farming: for healthier animals, better enforcement and the AHWBE, DEFRA
15:10	Defra BVD eradication scheme	Gwyn Jones
15:20	Mycoplasma Bovis- Is it the silent money zapper?	Dairy farmer Charles Goadby, Warwickshire & Graeme Fowlie - Meadows Vets
15:35	From Fighting Fire to Igniting Progress: Your Herd Health Roadmap to Better Dairying	Jan van Dijk, Veterinary Technical Manager - UK & IE AHV International

Innovation Hub

This year's Innovation Hub is packed with new products, ideas, technology, concepts and techniques, all aimed at helping your dairy business. Below is an outline of some of the sessions taking place.

Taking selective mastitis treatment to the next level with Pen-side Diagnostics

11:00am



Colin Penny

Hear from Zoetis Vet Colin Penny about how a new rapid, on-farm diagnostic test Vetscan Mastigram+, can help identify the type of infection in just eight hours and enable the selective treatment of clinical mastitis.

Selective treatment of clinical mastitis (STCM) is becoming increasingly popular, based on testing at the point of mastitis diagnosis, to determine the likely bacterial pathogen involved.

Whilst all severe or toxic cases should be treated immediately there are no economic losses or animal welfare issues expected when adopting a selective vs blanket clinical mastitis treatment protocol in mild to moderate cases, according to a paper published by the Journal of Dairy Science last year.

The session will explain the benefits of how targeting antibiotic treatment stacks up, not only in terms of responsible antibiotic use, but with reducing the risk of antibiotic milk residue failures and the result of fewer cows under milk withdrawal.

Defra Grants under the Farming Investment Fund

14:10pm

Tess Wright, Policy Team Lead, Farm Animal Welfare at Defra, will explain what's on offer when it comes to Farming Investment Fund grants. With many previous grants oversubscribed, find out how to apply for future opportunities, and avoid disappointment. Tess will cover the small grants (Farming Equipment and Technology Fund) and large grants (Farming Transformation Fund) available in 2024 and what you can do to ensure you're in with the best chance of being successful when you apply.



Tess Wright

Meet new RABDF Chairman Robert Craig

Cumbrian dairy farmer Robert Craig stepped into the role of RABDF Chairman at the end of last year. Find out what plans he has during his tenure.

What are your plans as Chairman?

The RABDF is unique in its independence as a dairy organisation and is involved in a lot of work behind the scenes at a government and policy level. The Clean Air Toolkit is just one example of work that has been ongoing by the organisation for several years and spearheaded by former Chairman Peter Alvis. My aim is to raise the RABDF's prominence and get recognition for the good work we are doing. Dairy-Tech, Women in Dairy, Down to Earth, the Gold Cup and Entrepreneurs in Dairy are all RABDF initiatives, but many don't associate them with the Association. That means there is some work to build brand recognition across these events and initiatives.

I believe we also have a role to play in reviewing and developing future Dairy Standards. We want to ensure consensus across the industry and that we have a set of standards that are fit for purpose.

We are also keen to explore opportunities and ways to connect with the consumer through possible events that would be held in collaboration with industry partners.

Fundamentally, though, we will continue building on the foundations with the work we are already doing and ensuring the dairy industry's voice is heard.

How, as an organisation, is the RABDF helping equip farmers to overcome such challenges?

The RABDF has been at the forefront of the labour challenge for many years through its regular surveys, government reports and recent roundtable discussions at the House of Lords.

We are keen to help develop skills to ensure our workforce is fit for the future. As dairy businesses grow, a different skill set is required- the industry relies on fewer highly skilled people.

To help develop these skills, we are keen to see Entrepreneurs in Dairy develop the next stage for those young entrepreneurs who have completed the course in the



past. This will look at business and life goal setting and may also incorporate an industry mentoring programme working with partners from across the industry.

Mentoring is something I am passionate about and could have a real benefit to link people up in the industry.

Everything we do at the RABDF is to help farmers overcome challenges and thrive in the industry, and our key initiatives will remain at the core of what we do.

About Robert Craig, RABDF Chairman

Robert, a third-generation dairy farmer, grew up on a traditional small family farm on the east fellsides in Cumbria, where he and his father ran a herd of 40 milking cows alongside a flock of 300 ewes and a small herd of beef. Over the years, he has expanded the herd and changed the direction, focussing on a New Zealand spring block calving grazing system. He now operates three dairy farming businesses across Cumbria and Northumberland, milking 1,500 spring and autumn calving cows. A past chairman of Cumbria NFU, he is interested in local and national politics, both on and off the farm.

He has just completed a maximum term as a non-executive director of First Milk and has recently stood down as the co-op's vice-chairman. All three of his businesses supply First Milk, and he represents the co-op at Dairy UK, where until recently he chaired the Dairy UK farmer forum for the past five years.

Time	Title	Speakers
09:15	Royal Dairy Innovation Award finalists	NMR
09:25	Royal Dairy Innovation Award finalists	Delaval
09:35	Royal Dairy Innovation Award finalists	Bimeda

OPTIONS FOR DIVERSIFICATION, Chaired by Tim Downes, RABDF Vice Chairman

09:45	Is diversifying right for me? Key considerations	Neil Rowe, Consultant
10:00	Producing Wagyu in a dairy system	Jamie Brownrigg, Warrendale Wagyu
10:15	Getting the most bang for your buck when producing beef from the dairy herd	Rob Drysdale, Independent Vet
10:30	Milk vending machines - how to make them work	Sally Spence, Dairy Farmer
10:40	Artificial intelligence can help you predict which cows can get sick before disease strikes. Manage diseases such as Mastitis, Ketosis, Lameness and others.	Dairy Data Warehouse
10:50	Maximising solar output on your dairy farm	Nightingale Electrical

TECHNOLOGY TO HELP MANAGE MASTITIS, Chaired by Sarah Tomlinson, RABDF Trustee

11:00	On-farm rapid mastitis diagnostic testing	Colin Penny, Zoetis Vet
11:15	Troubleshooting your milking routine	Tom Greenham, Vet, Advanced Milking
11:35	Revolutionary milking technology maximises teat health and cow productivity	James Duke, Founder, ADF Milking

LATEST GRAZING STRATEGIES, Chaired by Wil Armitage, RABDF Trustee

11:45	Maximise your potential with microbes; the biological farming model explained	Colin Orr, Director & Head Nutritionist, Forage Technology
12:00	Grazing profit drivers and the effect of a warming climate	Piers Badnell, LIC Pasture to Profit Farm Consultant
12:15	Cluster grazing and how it works	Louise Whelan, Cluster Atlantic Grazing FMS Advisor, Lely Atlantic
12:30	UK farmer shares top tips on maximising milk from grass	Louise Whelan, Cluster Atlantic Grazing FMS Advisor, Lely Atlantic
12:45	Reporting cattle movements is moo-ving into a new digital era	Daryl Searle Project Manager for the Livestock Information Service

BREEDING INNOVATION, Chaired by Mike King, RABDF Trustee

13:00	Update on the latest breeding trends in the UK	Marco Winters, AHDB
13:10	How crossbreeding can help in dairy businesses	Chris Stone, Senior Account Manager and Crossbreeding Advisor, Viking Genetics
13:35	Future developments in sexed semen technology	Craig Watson, UK Sales Manager, Cogent Breeding Ltd
13:45	Genomics to fast track the health of crossbred dairy cows- FastBreeder Project	Professor Mike Coffey

GRANTS AND INVESTMENTS, Chaired by Adam White, Head of Agricultural, Barclays

14:05	We're here to help you	Adam White, Head of Agricultural Barclays
14:10	Small and large grants update	Tess Wright, Animal Health and Welfare Infrastructure Grants Policy Lead, DEFRA
14:20	What to consider when investing in calf housing	Scott Gearon, Design Project Engineer, Galebreaker Ltd
14:30	Tax relief from innovation investments	Josh Perry, Director and Head of R&D, Sedulo

SCIENCE AND RESEARCH PANEL SESSION, Chaired by Helen Brookes, Head of Business Development at CIEL, Agri-Tech Centres

14:40	Introduction to Agri-Tech Centres	Chris Lyons & Phil Bicknell
14:45	Carbon Materials for Compost Bedded Yards	Debra Willoughby
14:55	Cow Recovery: The Sustainable Solution for Improving Downer Cow Outcomes	James Yeatman
15:05	Vision Detection for Early signs of DD Lesions and Lameness within Dairy Cattle	Anthony Marsh, Director, Hoofcount
15:10	Flower Power at the Heart of Methane Reduction	Dr Annie Williams, CIEL, Agri-Tech Centres
15:15	Learn about the power of big data	Andrew Lessey, Chief Operating Officer at Antler Bio
15:20	AI in Agriculture: Is the Grass Greener?	Dr Chris Knight, CEO at Agribot
15:25	The beauty, simplicity and benefits of Pulse Oxidation	Paul Morris, CEO, Oxi-Tech Solutions
15:35	Presentation of the Royal Dairy Innovation Award 2024	Tim Downes, RABDF Vice Chairman

Healthy Feet Zone

Visit the Healthy Feet zone to find out about the prevention and treatment of lameness on farm, with practical advice and demonstrations – a perfect opportunity for you to ask questions.

Lameness is one of the most significant welfare and productivity issues that dairy farmers face across the UK. This year, the demonstrations at Dairy-Tech will have the benefit of experienced cattle lameness vets, vet technicians and foot trimmers, who will be able to identify and explain the causes of lameness, possible treatments and most importantly, how to prevent these problems from occurring on your farm.

By creating this Healthy Feet Zone, we can work with a variety of businesses to equip farmers with technical advice, aimed at helping you to pick up some key pointers when it comes to maintaining healthy feet on farm.

With expert advice, tools and support the aim is to highlight the best method of treatment for lame cows and the preventative measures you can take moving forward.

Two demonstrations will take place, using real feet, to show both common and more unusual causes of lameness, where visitors will have the opportunity to discuss the practical ways to prevent them from occurring.

With regular foot trimming an essential part of preventing and treating lameness, routine preventative trimming is a safe, quick and stress-free procedure when a trained professional uses a well-maintained and purpose designed crush.

A team of experts will be

on hand all day to take any questions you may have when it comes to reducing lameness on your farm. They will outline how correctly identifying lesions and their causes, alongside best practice foot trimming, is the most effective way of being able to appropriately treat different types of lameness. Preventing future lameness contributes to herd productivity, by working together with your foot trimmer and vet, and using mobility scoring effectively, you will be able to reduce lameness and increase efficiency. Experts will be telling farmers the dos and don'ts of footbath and looking at the roles environmental factors play when it comes to preventing lameness. With lameness continuing to be an important focus as one of the primary health priorities for the Animal Health and Welfare Pathway (AHWP), which forms part of the Sustainable Farm Incentive (SFI) scheme, it is vital for farmers to be aware of what will be required should they wish to qualify for any potential grants available in the future, when it comes to improvement of cattle lameness.

Demo times:
12 noon and 2pm

Who will be on the stand?

Will Gratwick – Farm Vet, LLM Farm Vets
Natalie Parker – Lead VetTech, LLM Farm Vets
Phil Jones – Foot Trimmer, Westpoint Farm Vets
Charlotte Luther – Farm Vet and Foot Trimmer, Damory Veterinary Clinic

With thanks to our Healthy Feet Zone supporters:

Exhibitor	Stand
Kirby Cattle Services	P10
Provita Animal Health	B94
Cowcare Systems	P48
Herd Vision	T44
CattleEye	B210
Teamore Engineering	P56
Hooftrimming	P54
Dairy Data Warehouse	P120
Giltspur Scientific	P128
Vetoquinol	P71
Fabdec	T105
Virus Shield	T71

What does the RABDF do for you?

Across the year, the RABDF works closely with government and other industry bodies to ensure dairy farmers are well represented at both sector and government levels. Its work generally revolves around the current issues and topics that are affecting the industry at that time, and in the past, it has centred around the shortage of labour, reducing methane emissions targets and providing figures and information on cost of production and milk supply costs. With a diverse, and well-connected Board of Trustees, the RABDF is well placed when it comes to being able to bring these issues to the forefront of policy.

In addition to Dairy-Tech, the RABDF also organise a number of other events throughout the year. Last year saw the organisation's two, regenerative-focused, Down to Earth events, attract large crowds, where visitors were equipped with knowledge on regenerative practices and the suitability of these practices across different farm types. Dates for this year's Down to Earth will be released shortly.

Training programme, Entrepreneurs in Dairying, is a course run by the RABDF. Aimed at aspiring dairy farmers

it has been running for over a decade and has resulted in many success stories over this time. Last year's cohorts have now concluded the course, but applications will reopen later in the summer for the next intake.

The organisation also has an impressive awards portfolio. This sees students rewarded through its Dairy Student and Farm Health Management Awards; new products and innovation recognised via the Royal Dairy Innovation Award and lifetime contribution commended through the Princess Royal Award. With three of these presented at Dairy-Tech, there's plenty for all to watch, with presentations from the finalists on the day.

You may also be unaware that RABDF is responsible for Women in Dairy – an initiative designed to bring women working in the industry together. Women in Dairy runs discussion groups at regional levels to provide knowledge exchange, networking and promotion of the dairy industry – and culminates nationally each year at the Women in Dairy Conference. This year will see the 10th Conference take place, so keep your eyes peeled for announcements on this. Find us on stand B80.

Training Hub sessions

Leading land-based training and awarding organisation Lantra will be leading the 'Training Hub' offering CPD/ taster sessions throughout February 7th at Dairy-Tech 2024. Exhibiting in partnership with our approved training provider, Jimmy Hughes Training, these will cover advice and guidance to help keep you save on the farm when going about your daily routine of handling and moving cattle, the use of machinery and general livestock health.

Situated on Stand E14, close to the catering area there will be sessions running at set times, with experienced industry professionals on hand to offer advice in between.

Lantra's Head of Industry Partnerships, David Fisher will also be available to answer any questions you may have about training and qualifications for yourself or your staff to ensure you are keeping everyone safe and meeting requirements of the HSE.

SESSION 1 is at 11.00 and will focus on Health & Safety on farms

SESSION 2 is at 12.00 and will focus on Better Livestock Handling for you and your herd

SESSION 3 is at 14.00 and will focus on Livestock Health and what to do when you spot a problem

Genomics to FastTrack health of Crossbred dairy cows - FastBreeder Project

13:45pm

Collaborative project – FastBreeders has used data from four pasture dairy farms to enable precise genomic selection decisions. Aimed at maximising the health and efficiency of crossbred dairy cows, the project has collected data from around 7,000 animals, spanning several generations.

Mike Coffey, Professor of Animal Science SRUC, is session speaker. Data on fertility, milk output and quality, liveweight and other health traits is matched against genomic samples. The result is then a highly accurate selection and culling tool and source of evidence when it comes to choosing breeding sires.

By accelerating health and productivity gains towards a net zero cow, we are able to understand the exact requirements of an animal bred for the environment of South

West Scotland.

With all four farms involved in the project, low input, pasture-based, systems, there has always been an aim of making more from less but innovation, climate change and rising costs have emphasised the need to change their farming systems to adapt to being resilient and target net zero production.

Whilst AI selection allows the use of superior bulls, the genomic selection as a result of this data will allow the farms to open up the female side, providing an opportunity to raise this benchmark and become wholly more sustainable and profitable.

The concluding outcome of the project is to fundamentally change the way dairy cow reproduction is delivered allowing the study farms to become a core information hub.

RABDF's Prize Portfolio

Royal Dairy Innovation Award – sponsored by Centre for Innovation and Excellence in Livestock (CIEL)

Now in its sixth year of running, this award is presented to a company, exhibiting at Dairy-Tech 2024, with a product or service that positively impacts the dairy industry. The award, which comes with a royal accolade, will see its shortlisted finalists give a presentation on the Innovation Hub at Dairy-Tech, before the winner is announced at the end of the hub programme at 15:35pm.

Dairy Student Award – sponsored by ForFarmers

The award takes the form of a case study response, which sees students submit an essay, from which successful candidates are then invited to face an industry panel and formal interview. The result of this sees two shortlisted finalists go head-to-head at Dairy-Tech

before one of them is crowned as the winner. The winner announcement will take place on the Dairy Hub during the state of the nation debate at 10.20.

Farm Health Management Awards – sponsored by Volac

Designed to test students' knowledge on the importance of proactive farm health management, these awards are open to vet and agricultural students. The competition is split into three different categories: students at agricultural colleges, agricultural universities and vet schools. Each student submits a 1,500 word essay on proactive farm health management, from which a winner for each category is chosen by the board of judges. Each winner takes home a cash prize of £500. These announcements will take place on the Dairy Hub during the animal health and welfare session from 14.20.

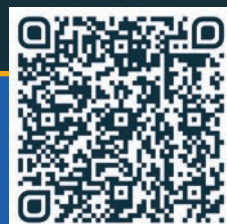


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HUTCHINSONS
Crop Production Specialists

Making more of beef from the dairy herd

Using Wagyu semen is becoming increasingly popular among dairy producers as they look to guarantee a set price for beef-cross calves

At this year's Dairy-Tech, we have guest speaker Jamie Brownrigg, Production Director at Warrendale Wagyu, who will outline why breeding dairy cows to Wagyu can benefit dairy businesses. He is joined by Independent Vet Rob Drysdale, who will discuss how farmers can make more of beef calves from the dairy herd.

Warrendale Wagyu is a Yorkshire-based Wagyu beef business that supplies meat for retail, restaurants, food service, online, and export into Europe. They work with forward-thinking dairy farmers to cross full-blood Wagyu genetics to produce a Wagyu cross.

They currently have 200 dairy farmers on the scheme and a total of 850 farmers, which includes the rearer and finishers and are still looking to expand the number of dairy farms supplying calves, with a target of providing 1,000 animals a week.

They provide a guaranteed price to dairy farmers for the Wagyu cross calf before it is even born.

Mr Brownrigg says there are specific criteria dairy farmers must meet before being able to supply Warrendale Wagyu with calves.



They include:

- Cows must be easy calving, have high vigour and a good stature and be calving on time.
- Cows must have a mature weight of 600kgs plus.
- Have good protocols in place for calves.

"The start of the calf's life will determine how it performs throughout the rearing and finishing stage, so it's important we have the right dairy farmers on board who can get calves off to the best start," says Mr Brownrigg.

Visit the Innovation Hub at 9:45 am to find out more.

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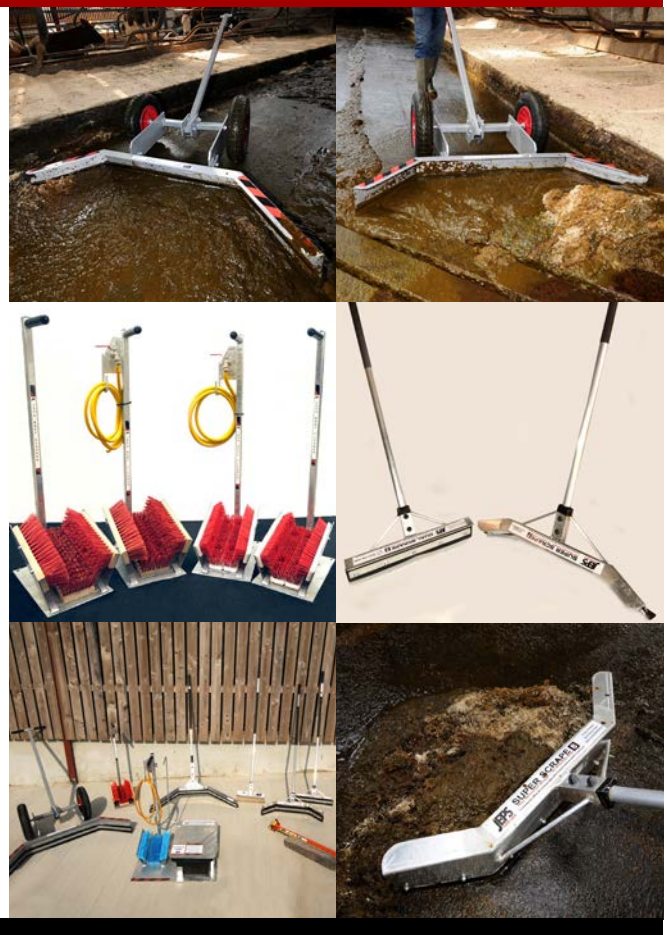
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For all current enquiries please
contact **Robin** on **07885670336**
or email Robin@jepsfarmsafe.co.uk



Please feel free to talk to the team at
Dairy-Tech 2024 **Hall 2A Stand P46**



New approach to reducing calf scour threat

Get calf rearing right, and the chances are that at weaning, you will have a crop of well-grown, robust and healthy calves. As they grow on, whether headed for the milking herd or going on for beef, they will thrive, flourish and fulfil their performance potential.

The latest RUMA (Responsible Use of Medicines in Agriculture) Targets Task Force report aims to reduce calf mortality rates by 1% per year, improving the sustainability of the sector and reducing losses. One of the main causes of calf mortality in neonatal calves is scour or diarrhoea. Did you know that calf mortality rates in the first three months of life are estimated to be around 6% for dairy calves and just under 3% for non-dairy calves? Suboptimal environmental conditions contribute to a total cost of £11.6 million per annum to the UK cattle industry¹.

“Unwell calves are hard work and its demoralising for the team as well,” says Boehringer Ingelheim Animal Health’s veterinary adviser Becca Cavill. “And with one eye on calf sustainability as well as reducing antibiotic use, protecting calves, who at birth have little or no immunity, is the best approach.”

Drawing on learnings from other industries, Boehringer Ingelheim Animal Health’s new Optimax framework brings together all the important decisions and factors to consider into one simple-to-use, adaptable framework which can be used by farmers and vets alike.

“Optimax brings together learnings from LEAN management where, in simple terms, many small, consistent changes all work together to improve the overall system,” Becca adds.

Scour outbreaks can be caused by nutritional disturbances or infectious agents such as rotavirus, coronavirus, *E. coli*, *Salmonella*, or *Cryptosporidia*. Risk factors include hygiene issues in the calving yard and calf housing, alongside poor immunity, and nutrition. With more farmers housing higher numbers of calves due to factors like keeping bull calves or being under TB restrictions – understanding the impact of overstocking and ways to reduce it is crucial.

Implementing Optimax’s calfXpert framework will help units better understand pinch points, what is working well and how, as a calf rearing team, to move forward to meet agreed targets.

“It’s a logical, stepped process which most farmers will run through with their vet,” says Becca Cavill. “Dedicating some time to this will be a sound investment in the long run as improvements in calf health, teamwork and performance will result.”



Implementing calfXpert Optimax:

Stage 1 – Xplore; take a walk around the unit, observe stock and the team at work

Stage 2 – Mapping; detail the stages and processes with input from the whole team

Stage 3 – Prioritise improvements and agree how to tackle them

Stage 4 – Empower the farm team to implement the changes

Stage 5 – Continuously review

“Breaking the system down and making simple, easy-to-follow operating procedures (SOPs) isn’t rocket science and the intention is that the new Optimax approach acts as a framework for farmers to work through with their vet,” concludes Becca. “It will help streamline processes, reduce waste, optimise calf health – with farm productivity and long-term sustainability at the heart of the process.”

Scour prevention:

- **Hygiene and biosecurity** – regular, thorough cleaning with removal of organic matter and use of appropriate detergents and disinfectants.

- **Colostrum management** – boost its quality with good dry cow management and optimal transition and ensure calves get 10% of their body-weight in the first six hours of birth, ideally with the first feed given within the two hours.

- **Vaccination** – administering a vaccine to the dam in the dry period boosts colostral antibodies with Fencovis®, an inactivated rotavirus, coronavirus and *E. coli* K99 calf scour vaccine available in the UK. It is licensed to prevent scour caused by rotavirus and *E. coli* K99. The vaccine is only available from vets (POM-V) and is distinct from others on the market as it comes

with an oil-free adjuvant which makes it easier to use, and is available in single doses as well as five and 25 dose packs. Calves are born without circulating antibodies, so they are entirely reliant on antibody rich colostrum to transfer immunity against infections in the first hours, days and weeks of life.

Scour treatment:

- **Rehydration therapy** – oral or intravenous fluid with electrolytes aims to reduce the impact of dehydration and electrolyte imbalances caused by diarrhoea. Alternating milk feeds with water containing electrolyte rehydration therapy ensures calves also receive the energy that is vital to repair the gut. Rehydration therapy may include the use of Diakur® Plus a nutritional supplement for calves and a source of energy and electrolytes.

- **Antimicrobials** – not used routinely for calf scour, but may be prescribed by your vet for calves with diarrhoea that show systemic signs of illness, such as fever or septicaemia.

- **NSAIDs** – non-steroidal anti-inflammatories (NSAIDs) such as Metacam® will help to decrease gut pain and inflammation and reduce fever. This helps to reduce the impact on feeding, and the knock on effects on dehydration, energy intake and growth.

References:

Hyde et al., Quantitative analysis of calf mortality in Great Britain. *J Dairy Sci.* 2020 Mar;103(3):2615-2623.

Notes to editors:

Fencovis® suspension for injection contains inactivated *E. coli* expressing F5 (K99) adhesin, strain O8:K3; inactivated bovine rotavirus, serotype G6P1, strain TM-91; inactivated bovine coronavirus, strain C-197. Metacam® 20 mg/ml solution for injection for cattle, pigs and horses contains meloxicam. UK: POM-V. Advice should be sought from the prescriber. Diakur® Plus is not a veterinary medicinal product. It is a nutritional supplement containing glucose, dried citrus pulp, sodium chloride, sodium bicarbonate, inactivated yeast and potassium chloride. Further information available in the SPC or from Boehringer Ingelheim Animal Health UK Ltd, RG12 8YS, UK. Tel: 01344 746957. Email: vetenquiries@boehringeringelheim.com. Fencovis®, Diakur® Plus and Metacam® are registered trademarks of Boehringer Ingelheim Vetmedica GmbH, used under licence. ©2023 Boehringer Ingelheim Animal Health UK Ltd. All rights reserved. Date of preparation: December 2023. BOV-0133-2023. Use Medicines Responsibly.



Top herds named in 2023 NMR RABDF Gold Cup



Four UK dairy businesses have been named as finalists in the 2023 NMR RABDF Gold Cup. We met the finalists to learn more about their enterprises.

Bisterne Farms, Sandford, Ringwood, Hampshire

A collaborative approach built on mutual respect and integrity have been the foundation for a new Contract Farming Agreement (CFA) on the Bisterne Estate in Hampshire.

In 2019, when estate owner Hallam Mills was reviewing the direction of his dairy enterprise, it was decided that a CFA would best facilitate the business's next chapter.

With George Brown brought on board as his contract farming partner, they have reshaped their dairy enterprise, investing in infrastructure to make the dairy resilient for the next 20 years.

Now milking 600 predominately crossbred cows within the 1,500-ha estate near Ringwood, the focus is on producing milk from grazed grass. Their target is to reach 4,000 litres from forage, and they are currently achieving 3,730 litres.

Cows yield 550kg of milk solids per cow per lactation, with attention now turning to the genetic and management gains that will enable them to hit 600kg without compromising herd fertility.

They mostly use New Zealand Friesian sires, with some use of Irish and Kiwi cross bulls.

Grassland management is key to helping cows express their genetic ability and make the most of forage. Cows graze across a 190ha grazing platform from 4 February to 21 December.

The herd was originally predominately spring calving and out-wintered on fodder beet. However, with the farm being on free-draining soils, they have struggled for grass

FARM FACTS Bisterne Farm

- **Milking:** 600 mostly crossbred cows
- **Average yield:** 6,282 litres at 5.06 % butterfat and 3.84% protein
- **Spring and autumn calving.** Grazed outside from February-December
- **Somatic cell count:** 162,000 cells/ml
- **Herd health:** Mastitis rate 22.6%
- 1,500 ha, 509 ha allocated to dairy
- Supplies Arla



Left to right - James Dunning, Charlotte Lawder, Adam Reddish, Oli Mears, Hallam Mills and George Brown

in the summer and have resorted to feeding silage, so they have now transitioned 500 spring-calving cows to a 350/250 autumn/spring split.

The fine attention to detail is only possible thanks to the strong, ambitious team supporting George, with five full-time staff members and three students working on the farm.

Michael Eavis, Pilton, Shepton Mallet, Somerset

Sustainability is the name of the game when it comes to Worthy Farm in Somerset, which is famous as the site of the Glastonbury Festival. A previous NMR RABDF Gold Cup winner in 2014, the dairy business is back in the limelight as one of the four 2023 NMR/RABDF Gold Cup finalists.

This farm has changed considerably in the past decade, thanks to the adoption of technology, including solar panels, rainwater harvesting and an anaerobic digester with a long-term innovative ambition to dry slurry to a prilled, exportable fertiliser.

The real headliners of this farm are, however, the 500 Holstein dairy cows, which are producing more than six million

litres of milk a year, from an average of 12,000kg a cow, all through a robotic rotary milking parlour. Milk goes to cheesemaker Wyke Farms, and a third of their supplies are made into Worthy Reserve Cheddar and sold to retail outlets.

Managed by John Taylor and wife Pam, the focus is on maximising milk from forage with cows grazing for more than 100 days in the year. They only take one cut of grass silage a year from 315 ha (780 acres) in mid-May, with slurry being the only fertiliser used.

Breeding and achieving a high-health herd is key in the farm's quest for sustainability. Cows are AI'd to Holstein Friesian and all heifers are served by selected Aberdeen Angus bulls.

Herd health is a key focus in this herd. John's screening is carried out quarterly via NMR's HerdWise service using the milk sample collected at recording. They have also worked hard to reduce the use of injectable antibiotics for mastitis over the past few years.

FARM FACTS Worthy Farm

- **Milking:** 500 Holstein Friesian cows
- 394ha farm
- **Average yield:** 12,000 litres at 4.06% fat and 3.42% protein
- All year-round calving
- **SCC average:** 178,000 cells/ml
- **Milk buyer:** Wyke Farms
- Routine John's screening
- 5.2% mortality from birth to calving down heifers



Worthy Farm John Taylor (left) Michael Eavis



Stuart, William and Jason Graham

Graham Farms, Drumgoon Manor, Maguiresbridge, Co. Fermanagh

Attention to detail in all aspects of their dairy business has seen the Graham family from Northern Ireland shortlisted for the prestigious 2023 Gold Cup Award.

The family operation run by father William and sons Jason and Stuart sees them milking 600 pedigree Holstein cows all year round, with milk sold to Glanbia.

Production is outstanding from this all-year-round housed herd. Undoubtedly, the family's skills, experience, enthusiasm, and hard work have been a significant part of the success of the business now and in the future.

Herd health is unrivalled with mastitis cases averaging 7, and lameness is down to 5.

The family is renowned for their top-quality breeding stock, with a large number of heifers and in milk cows (~250) sold off the farm each year. This forms a large part of their business's success, with the income outweighing the total cost of rearing the heifer replacements.

Animals are fed to yield in the parlour, with a push to increase the amount of

milk from forage by adopting a multi-cut silage system. This year, they also started introducing clover into the grass swards for extra protein and their ability to fix nitrogen into the soil.

They are also targeting their slurry use by using low-emission slurry spreading equipment to effectively use slurry and reduce the use of purchased fertiliser. The use of slurry additives is also helping them to increase the available nitrogen and reduce the need for bagged fertiliser.

They have signed up with DAERA Soil Nutrient Health System, and the entire farm is being soil sampled to determine a starting point for carbon sequestration.

Joe Ives, W&P Ives, Herriard, Basingstoke, Hampshire

Joe and Claire Ives' dairy farm business is a finalist in the 2023 NMR RABDF Gold Cup. No newcomer to the top line-up, they were finalists in 2020 and winners of the

Chris May Memorial Cup in 2019, but this time, they hope to appeal to the judges with new developments to future-proof the business and improvements to ensure they produce top quality milk in a sustainable way.

This 206-ha tenanted dairy farm dedicates 160-ha to the dairy unit, home to the 250 cow Gladwake pedigree Holstein herd, founded by Joe's parents, Bill and Peggy. This all year-round calving herd is milked through four LELY robots and supported by five full time employees working alongside Joe.

In the past four years, they have upgraded the dairy farm infrastructure and introduced technology to improve housing, so cows have the right environment for fulfilling their potential.

They have recently completed a far-off dry cow building and serving barn for heifers with locking yokes and a robotic cleaner.

With the help of genomic proofs, the aim is to breed efficient, profitable, long-life heifers from the best-bred cows using sexed semen.

Herd health is monitored carefully, and the Gladwake herd is screened for Johne's, BVD, IBR and leptospirosis through the Premium Cattle Health Scheme.

Technology also helps them monitor body condition with weights recorded at every milking. The nutritionist and vet will investigate any worrying trends.

FARM FACTS Park Farm

- **Herd size:** 250 cows, plus 240 young stock
- **Yield:** 13,700 litres
- **3.91% fat and 3.19 % protein.** Total solids 995 kg/cow
- All-year-round calving herd, robotic milking
- **Calving Interval:** 385 days
- **Conception rate:** Cows and milking heifers 42%, maiden heifers 70%
- **Herd health:** Mastitis rate 7.7%
- **Lameness:** 96% of herd mobility score 0 or 1
- **Herd replacement rate:** 25% and sell surplus heifers

These four herds are selected from UK dairy herds meeting the Gold Cup 2023 criteria for the year ending September 2022 of:

- More than 100 cows/heifers with qualifying lactations in the milking herd
- Annual somatic cell count average of 200,000 cells/ml or less, or 250,000 cells/ml for organic herds
- Minimum £PLI value specific to the breed, or minimum £SCI or £ACI value

All entrants completed a detailed entry form. Finalists are selected and undergo an on-farm inspection by judges Robert Craig, RABDF Chairman and Cumbrian dairy farmer, immediate past Chairman of RABDF and Devon dairy farmer Di Wastenage, NMR's veterinary adviser Dr Karen Bond and 2020 Gold Cup winner Essex dairy farmer John Torrance.

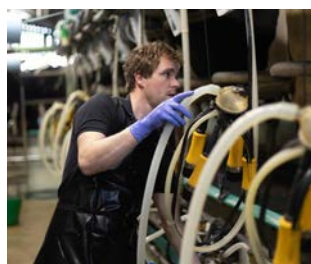
The winners of the NMR Silver Salver, The Lilyhill Cup and the Chairman's Cup awarded to qualifying Gold Cup herds with the highest combined fat and protein production for their breed, and the Chris May Memorial award for the herd with the highest lifetime daily yield will be announced alongside the presentation of the 2023 NMR RABDF Gold Cup at Dairy-Tech on 7 February, on the NMR stand at 4pm.

FARM FACTS Graham Farms

- **Milking:** 600 pedigree Holstein cows
- **Average yield:** 11,400 litres per cow on a twice a day milking at 4.1% fat and 3.29% protein
- Pregnancy rate of 41.4%, all from sexed semen /beef, with a calving index of 369 days.
- All year-round calving
- 6% mortality from birth to calving down heifers
- **Herd health:** Mastitis rate 22.6%, Somatic cell count (SCC) 76
- 351ha
- Supplies Glanbia



Joe Ives



ADF MILKING – Innovative technology

ADF Milking are the market leaders in automatic dipping and flushing milking technology.

ADF Milking System Automatically dips each teat directly after milking, and after cluster removal, every liner is sanitised and thoroughly rinsed six times ready for the next cow.

For nearly 20 years ADF Milking has been passionate about making milking efficient and profitable for the farmer. There is an ADF system to suit your parlour, your herd and your budget; ADF is compatible with all makes and configurations of milking parlours.

ADF InVent - is intelligent teat-by-teat liner venting combined with our world-renowned automatic dipping and flushing technology, bringing you the ultimate in cow comfort and unrivalled precision.

ADF InVent continuously controls vacuum levels inside the mouthpiece chamber of the liner on each teat throughout milking, ensuring cow comfort, maximising milk flow and minimising teat damage.

www.adfmilking.com

STAND B56

BOUMATIC – Gemini UP

BouMatic Group (consisting of the brands BouMatic, SAC and Hokofarm) introduces the next generation of Gemini, the milking robot. The first-generation robot was launched in 2011.

Over the years, the model has been optimised with new benefits to take it to the next level. Therefore, the new milking robot will be launched with the name of Gemini UP to help reinforce the new level of performance that can be achieved for milk production.

The Gemini UP has been developed with the focus on the best milking practices, cow comfort and lowering energy consumption. On top

of the unrivalled, well known Gemini robot features, such as the unique rear attachment approach and the unobstructed open view, the upgrade contains a vast list of new cutting-edge features.

One of the major upgrades, at the heart of the milking robot, is the optimised milk path, resulting in simply better milking. The milk flows now per quarter, without any restrictions, into the milk receiver. The new quarter milk line has an internal diameter of 19mm, which is unprecedented in the market. This leads to maximum vacuum stability and a continuous milk flow without any blockages.

Even cows with the highest milk flows are milked optimally in the Gemini UP. This proves that our robotic system follows the same tried-and-true method as conventional milking.

www.boumatic.com

STAND B190

BROLIS HerdLine – Milk Analyzer

Based on a next-generation infrared laser sensor, which enables exceptional accuracy in real-time measurements. BROLIS HerdLine is compatible with a wide range of milking parlours and can operate with both new and old milking systems.

The data provided at the individual animal level is used for the early detection of diseases, thereby helping to reduce veterinary costs and prevent a decrease in milk production.

By providing both milk quantity and composition data, BROLIS HerdLine enhances the efficient selection and reproduction of dairy cattle.

Applying data-based insights in dairy farm operations facilitates work planning, decision-making, and economic evaluation. Furthermore, improved cow performance and fewer health disorders can benefit the environment by reducing greenhouse gas emissions.

The summarised information about the health and productivity of the dairy herd can be viewed using the BROLIS HerdLine software on a computer screen, tablet, or smartphone.

www.brolisherdline.com

STAND P124

DAIRY DATA WAREHOUSE – PREDICTA GUARDIAN

At Dairy Data Warehouse (DDW), our comprehensive dairy farm data, reports and modelling help farmers to make the best decisions for their farm. Our powerful tools give clarity to complex issues, so you can take your farm into new levels of long-term profit and sustainability. DDW uses

artificial intelligence (AI) and data on farm to help dairy farmers.

Find out how Predicta GUARDIAN by Dairy Data Warehouse can help your farm manage transition cow disease by connecting to your current herd management software. www.dairydatawarehouse.com/predicta-GUARDIAN

STAND P120

EVANS VANODINE – Masomint

Following requests from customers, Evans Vanodine have launched a new post-milking teat dip, Masomint is formulated with a mint odour containing L-menthol.

We recognise that teat skin is a vulnerable part of the dairy cow, so with its proven soothing and calming effect, mint can help with good udder health. To further improve teat condition, which is essential to minimise bacteria growth, the addition of high levels of glycerol to smooth and soften the skin are an important part of the formulation.

Masomint has excellent bactericidal action due to the presence of chlorhexidine gluconate and lactic acid. This means that it is highly effective against a range of mastitis causing organisms and helps to maintain good udder health and productivity. This is a crucial element in any post-milking teat dip or spray.

Evans know that farmers find it helpful to be able to see easily which cows have been effectively dipped or sprayed during the post-milking process. So, Masomint has been formulated with a highly visible dark blue colour, so it is easy to see when applied to the cows' teats. The product is also suitable for use in robotic milking plants.

www.evansvanodine.co.uk

STAND T30



GRASSTEC ZERO GRAZER – GT130

Designed for many multiple daily loads on all terrain without damaging ground.

Minimised maintenance & servicing down time whilst achieving lower labour and fuel costs.

www.grasstecgroup.com

STAND B118



HANSKAMP – Walk-Through FeedStation extended

The FeedStation Walk-Through extended from HANSKAMP is unique in terms of welfare, sustainability and cow comfort: walk in and out going forwards, reduce stress and injuries, optimal cow flow, ergonomic and cow friendly design.

Many feeding stations require cows to exit backwards. Cows outside the feed station regularly bump into them, damaging their udders and legs. A cow entering the herd backwards cannot defend itself and suffers stress as a result. Also, the claws are often unnecessarily stressed by the turning movement the cow makes to leave the feeding station.

The FeedStation Walk-Through extended has an entrance and exit so the cow can follow its natural path and always move forward. On the entrance side there is a anti bulling gate (L'port) which will close after the first portion of feed is dropped in the trough. After finishing the last portion the cow can walk out forward and the next cow can come in.

The open feature of the FeedStation Walk-Through extended ensures each cow keeps in contact with the herd and can see from each other how it works. When a cow walks out of the FeedStation through the front, another cow can walk in from the back thus giving optimal cow traffic.

On the Walk-Through FeedStation extended you can go up to 4 different feed sorts and a liquid feed. The feeders can be linked with every feeding computer in the market or customers can choose for the HANSKAMP Spider feeding computer. The Spider system can read 95% of the tags in the market and ear tags FDX and HDX.

www.hanskamp.nl/en

STAND B206

HERDVISION – DairyComp

Herdvision brings body condition scoring to DairyComp

HerdVision, a robust camera system for objective body condition and mobility scoring, will soon be integrated into the dairy management software system DairyComp, enabling real-time health updates each



time a cow exits the parlour. Matthew Dobbs, Co-Founder of HerdVision comments: "Body condition scoring is a key indicator of health and fertility in dairy cows, and it is often based on subjective visual observations.

"With HerdVision the camera system can be retrofitted on the parlour or cattle race and provides 2D and 3D imaging of the animal. This enables body condition to be scored and lameness or other injuries to be detected."

The agreement with DairyComp will enable body condition scoring to be integrated with other elements of herd management. It follows the recent on-farm trials with Arla. HerdVision has recently gained Innovate UK funding to further develop its body weight algorithm, and will be able to assess the bodyweight of calves through to adult animals, simply by passing under the camera.

This information can be used to optimise feed and estimate a time to market for dairy beef. Furthermore, it opens up the opportunity to support the creation of digital twins - virtual animals that can be traded online, with known growth rates and finishing potential. <https://herd.vision>

STAND T44



HERD WATCH - Grass & Crops

Herdwatch aims to help manage the world's farmland. Herdwatch is aiming to help manage the world's farmland with the release of a new field-focused service. Grass & Crops is available worldwide as part of the Herdwatch app and will allow farmers to maintain digital field records, help with grass planning and crop management. Herdwatch estimates it will be used to manage 10 million acres within 5 years.

Grass & Crops has been in development by Herdwatch for the last year, following the recent multimillion investment into the company led by Renatus Capital Partners. The new service is already an award-winning product scooping the Farm Software Award in the Enterprise Ireland Innovation Arena Awards. Grass & Crops will be available in over 170 countries across the world. Over 20,000 farms in Ireland and the UK currently use Herdwatch,

making it the largest farm software provider in these markets. It was co-founded by Fabien Peyaud and FRS Network in 2014.

You can access Grass & Crops by Herdwatch by downloading the FREE Herdwatch app via the app store or play store.

www.herdwatch.co.uk

STAND B1

HOLME & LAUE - WeightControl

Our latest development for healthy and optimal calf rearing: The WeightControl.

Our animal weighing scales not only determine the weight of the calves, but also store other important data. They are available as platform scales, mobile individual scales and group scales for front loader transport.

In addition, an RFID reader automatically recognises the calf's ear tags, and you can enter further information at the operating terminal. By recording calf weights, you create a database for important management decisions such as selection and feeding strategies.

We also offer management tools such as CalfGuide software. With this software you collect all the important data on the calves and thus have the possibility to analyze your herd in detail: modern calf rearing

through digital monitoring and control - also available as an app.

www.holm-laue.com

STAND T24

MARLOW ROPES

Engineered fibre rope solution transforms slurry industry.

Light-weight, high-strength, rot-resistant HMPE fibre ropes have been especially developed for slurry scraping machinery. Marlow engineers a range of ropes ideally suited to this application and other dairy farm equipment.

Marlow's newly innovated Scraper Rope has a low-stretch, high-strength 12-strand HMPE fibre construction. It is protected with a hand-applied polyurethane coating to improve abrasion resistance and protection from the ingress of dirt, grit and slurry, allowing improved technique and productivity and enabling the longer-life span of machinery.

Thanks to the extreme high strength of the HMPE fibre, it offers a safer, light-weight alternative to wire rope, easier handling and inspection for workers and livestock.

Tel: 01323 444458
Email: emma.donovan@marlowropes.com
www.marlowropes.com

STAND B176

LALLEMAND

LALLEMAND ANIMAL NUTRITION

YOUR PARTNER FOR NATURAL MICROBIAL SOLUTIONS

**JOIN US ON
STAND B114
AT DAIRY
TECH**

FORAGE



MAGNIVA

BACTERIAL FORAGE INOCULANTS

Protect the value of your forage with our crop and condition specific range

FEEDING



Levucell SC

RUMEN SPECIFIC LIVE YEAST

Enhance rumen health, feed efficiency and herd performance

BEDDING



EazyBed PRO

BACTERIAL BEDDING CONDITIONER

Control cell counts, reduce ammonia and maintain animal welfare naturally

SLURRY



SlurriN PRO

BACTERIAL SLURRY INOCULANTS

Maximise the fertiliser value of slurry and reduce mechanical handling



ENVIROSYSTEMS - Slurry Bugs

Specialised slurry inoculants cuts crust formation by third

A new slurry inoculant containing specialised strains of bacteria and fungi has been found to reduce crust formation on slurry stores by almost a third, helping farmers to improve slurry management and reduce the need for bought-in fertilisers.

SlurryBugs and SlurryBugs Maintenance have been redeveloped by bedding and inoculants specialists EnviroSystems following one of the most comprehensive and robust studies on slurry additives. They first created SlurryBugs 20 years ago, continually improving it throughout the years.

However, the latest research has resulted in the production of an entirely new product thanks to the development and fine-tuning of specialist bacteria and fungi. A two-year study, funded by Innovate UK and conducted in collaboration with Myerscough College, Preston, shortlisted almost 30 strains of bacteria and fungi and narrowed it down to a final five, which were tested under laboratory-controlled conditions.

Email: info@envirosystems.co.uk
www.envirosystems.co.uk

STAND E30

NEOGEN - Hoofshield Advance

Hoofshield Advance is the latest addition to Neogen's comprehensive portfolio of hoof care products.

Hoofshield Advance helps reduce the consequences of poor hoof health on dairy cow performance by providing a unique combination of disinfectant, surfactants, and conditioners to improve general hoof quality.



Hoofshield Advance should be used as an integral part of a foot health management programme to help reduce the risk of disease-causing organisms and the spread of bacteria in dairy herds.

The product has been independently evaluated according to EN 1656, the quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants used in the veterinary area. It has been proven to be 99.999% effective against the specific organisms responsible for digital dermatitis, including *Dichelobacter* spp., *Fusobacterium* spp., *Prevotella* spp., and *Treponema* spp. This benefit alone can have substantial positive effects on the overall efficiency of the dairy farm's operations. By effectively controlling the bacteria responsible for digital dermatitis, Hoofshield Advance helps to mitigate the risk of lameness spreading rapidly throughout the herd. Lameness is a common and endemic problem on dairy farms, and it can have significant financial and animal welfare implications.

Unlike many footbath products, Hoofshield Advance specifically contains no formaldehyde, copper, glutaraldehyde, and quaternary ammonium compounds, to comply with the latest health and safety standards for animals.

Tel: 44 (0) 1706 344 797
Email: biosecuritysales@neogen.com
www.neogen.com

STAND T64

THE DAIRY GROUP - MCI Dairy Emissions Manager

A unique web tool to help dairy farmers to understand and manage their dairy emissions.

Our Dairy Emissions Manager enables dairy farmers to enter their key data monthly to enable reporting of their dairy emissions for any time period. The report also provides the physical data to allow entry in to any emissions system when required.

Our system uses the same data as used for monthly dairy costings to save the duplication of data recording. The data entry is flexible by using specified date ranges for the key inputs.

Many alternative systems typically record emissions each year, whereas our Dairy Emissions Manager allows the dairy farmer to record the information monthly and then to be able to report for any time period rather than having to wait until requested by a third party for a historic time period.

The data collection is flexible either via web entry, via our APP or via a bureau service. We also provide additional tools to

help with the understanding of dairy emissions including our Relative Feed Value calculator which provides both the £ value together with the emissions value for the different feeds.

This unique development is the culmination of a 3 year Innovate UK project in conjunction with Nottingham University and QMMS.

www.thedairygroup.co.uk

STAND P74

TCD ENERGY

At TCD Energy, we're committed to supporting the dairy industry's sustainability and profitability, and we understand the challenges you face in managing farms efficiently.

High utility costs can really put a strain on your operations and impact bottom lines, so for Dairy-Tech 2024, we're delighted to announce that we will be providing a FREE cost reduction audit for your electricity, gas, and water supplies. Let us help you save on costs, it's what we do best.

We also specialise in accessing government schemes, including the Energy Bill Discount Scheme. Especially beneficial for farming businesses with high-intensity energy usage. Let's maximise those benefits together.

We help more than 80% of the farming and agriculture businesses whom we audit, reduce their annual spend on utilities. On average, we reduce utility costs for our clients by 30% in addition to also recovering overpayments to energy suppliers on their behalf.

TCD Energy is offering this service totally free of charge to any Dairy-Tech attendees.

Ready to take control of your energy expenses? You don't need to wait until Dairy-Tech in Feb 2024, get the ball rolling and contact us today:

Tel: 0333 335 5200
Email: info@tcdenergy.com
www.tcdenergy.com

STAND B172

SPREAD-A-BALE

- Micro ST

Launching a new option to the M range of straw spreading machines for dairy producers with 1t to 2t lift capacity loaders - Front-end, Hoff and Skid-Steer, and designed for bedding calf hutches and buildings with narrow access points.

Named the Micro ST (Side Throw), the machine combines a 695kg lightweight steel chassis and bracketing system, and measures 1.78m wide. The header features a single vertical rotor availing side discharge of straw either to the left, to the right or forwards facilitated by the turn of a valve and canopy.



The machine spreads 5' round straw bales or half a rectangular bale and offers a longitudinal spread pattern of 1m wide and up to 7m throw with minimum dust.

The Micro ST is particularly appealing to owners of 1t capacity loaders with accommodation featuring narrow access doors and passageways from 2m wide.

The machine will provide dairy farmers with an opportunity to mechanise their straw spreading operation in calf hutches and dry cow accommodation without the dust generated by a turbine chopper machine and subsequently reduce the risk of health issues, particularly amongst youngstock.

In addition, the Micro ST will save up to 75% labour and up to 50% straw over manual spreading whilst they are able to remain outside the pen. The Micro ST is available from Spread-a-Bale's dealer network.

Tel: 07904 899289
www.spread-a-bale.com

STAND B84



PROVITA ANIMAL HEALTH - Hoofsure Konquest Gel

A unique proprietary blend of organic acids and essential oils.

It is non-toxic and antibiotic free with potent penetrating action for use as an aid to managing digital dermatitis.

It should be used with a hoof bandage wrap where required to help improve hoof health. It has advanced bio-adhesion properties which help the gel stick to the skin and hoof. It is formulated to remain stable in warm weather but flexible in cold weather, allowing it to be spread easily, in all conditions.

When to use: Dairy cows - at first sign of lameness, re-apply as required. Can be used after hoof trimming with a wrap.

Tel: 01772 860085
Email: karla.hedley@provita.co.uk
www.provita.co.uk

STAND B94

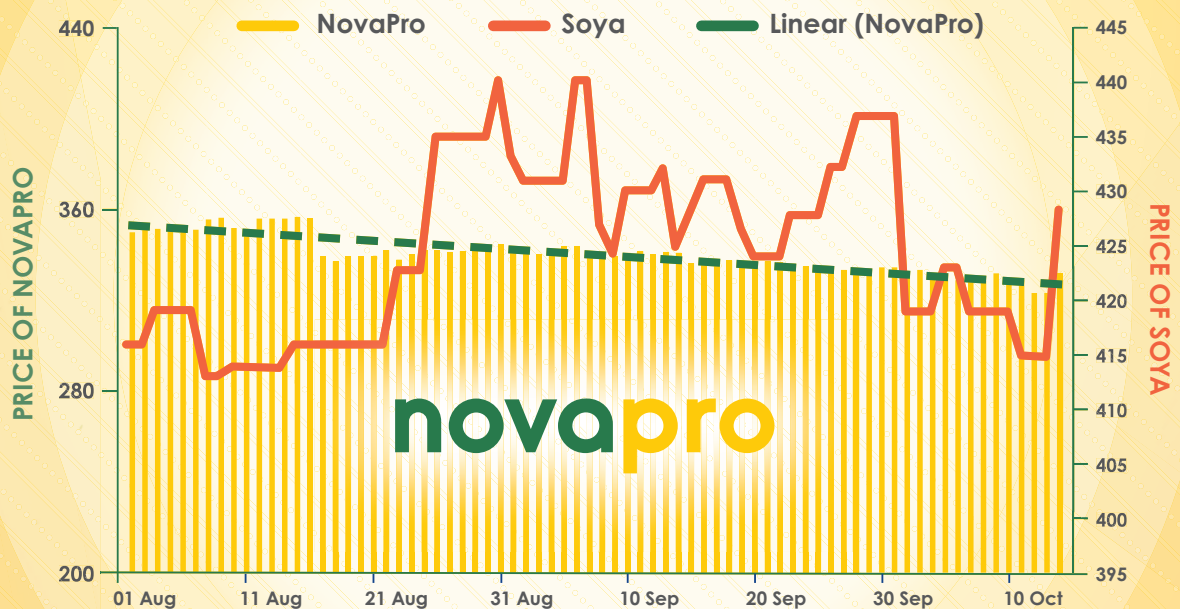
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SEE US ON STAND T41

MAINTAINING HERD HEALTH FOR A MORE PRODUCTIVE WORLD



THINKING OF TOMORROW

RABDF



Working for British Dairy Farmers

SHOW HIGHLIGHTS

- **DAIRY HUB** - Leading industry experts discuss the challenges and opportunities ahead for UK dairy farmers
- **INNOVATION HUB** - Worldwide technologies, latest in data and automation. Environment - emerging agritech, science & research
- **FOOT TRIMMING DEMONSTRATIONS AND AWARDS** - Get hands-on with lameness demos. Plus, the RABDF's prize portfolio rewards the industry's best
- **MEET THE NMR/RABDF GOLD CUP FINALISTS** - Great line up of contenders are eager to see who is crowned Gold Cup winner for the 2023 award
- **LATEST NEW PRODUCTS HITTING THE DAIRY MARKET** - The best ingredient of the show - meeting the businesses with products, processes and technologies that will make a difference to your business in the years ahead

With thanks to our sponsors...



Hall 2A

Hall 2



Hall 1



HOOFCOUNT - Multi-Bath

Hoofcount is launching at Dairy-Tech a system enabling producers to cost effectively invest in and run up to five individual automated footbaths from one control box.

Hoofcount Multi-Bath - a central control box monitors and controls each bath while the system features a valve unit installed alongside each footbath to control and correctly dose with chemical solution and enable it to run independently. The footbath solution can be stored in one central location. Each footbath can be monitored and controlled via a mobile app.

Hoofcount's Anthony Marsh explains: "We originally designed the Hoofcount Multi-Bath system for North American farms with significantly larger herds and where distances between baths and chemical store are much greater than relatively smaller UK farms.

"However with the trend towards larger UK dairy units and multiple automated milking systems, plus the fact producers are adopting a whole herd approach towards footbathing to control digital dermatitis, this system enables farmers to cost effectively invest in just one control box to manage up to five footbaths installed on the farm."

Tel: 01995 603028
www.hoofcount.com

STAND B142

OXI-TECH - Pulse Oxidation Dairy

Oxi-Tech launches Pulse Oxidation Dairy (POD) for Robotic Systems

A new retro-fit clean-tech system for existing automated milking systems will be launched at Dairy-Tech by the UK based innovation company, Oxi-Tech.

Called Pulse Oxidation Dairy (POD) for Robotic Systems, the technology can be integrated into existing robotic systems and features next generation software with secure cloud data and remote phone App monitoring which optimises Oxi-Tech's unique chemical-free disinfection system.

We have harnessed the most effective industrial biocide on the planet using just water and low voltage electricity

in a process called Pulse Oxidation, compared with an automated milking system's existing cleaning system requiring energy to heat the cleaning water, this unique technology uses approximately 50 times less energy, equating to running just one laptop and four low energy light bulbs. We consider typical return on POD investment to be three years based on two milking robots.

Pulse Oxidation energises cold water to create a clean but powerful disinfectant that includes a range of activated oxygen molecules which are globally recognised as powerful microbial biocides, killing bacteria, viruses, fungi and protozoa, including chlorine resistant Cryptosporidium, providing a more effective disinfection treatment than hypochlorite or peracetic acid.



Furthermore, it is both operator and environmentally safe. Once the activated oxygen has undertaken disinfection, any remaining molecules simply revert to oxygen and water, consequently there are no side effects to the milk or water. There are no residual chemicals left behind to leach into the soil or groundwater.

POD for Robotic Systems is estimated to reduce a 250-cow herd's carbon footprint by over 5t per year.

Email:
info@oxitechsolutions.com
www.oxitechsolutions.com

STAND E6

COWCONNECT - FEEDLYNC 2.0

Dairy feeding software

Launched in 2022 and now commercially available in 2023, Feedlync 2.0 by Cowconnect is the latest version of the leading feed management system that has been making waves in the UK dairy industry.

This innovative digital feed management system is transforming the way producers are feeding their dairy herds, in doing so improving cow performance, minimising wastage and helping to reduce farm carbon footprints.

With a firm focus on sustainability and regenerative farming, Feedlync 2.0 is also giving farmers the power to save money on expensive feed, increase margins and achieve great ROI.

Correct ration every time

Increase in milk yield is often attributed to more consistent feeding which is absolutely key for efficient dairy productivity. Working with the weighing system, Feedlync 2.0 ensures the feed is mixed precisely so that cows get the correct ration every time, helping to save on feed costs and reducing wastage, therefore enhancing environmental credentials.

Operators can quickly and simply see margins and cost of production, leading to better, accurate and informed decision making, all whilst keeping it simple for the operator. There is also 24/7 support available through the Feedlync helpdesk.

Tel: +44 20 3966 90 63
Email: Mollie.cresswell@intellync.com
www.feedlync.com

STAND T114

MSD - SenseHub

Farm with more freedom

SenseHub Dairy is a flexible monitoring system that tracks a range of critical markers to deliver a single, accessible source of insight into your herd, providing new opportunities to advance the efficiency and productivity of your farm from calf to cow.

Behaviour Monitoring: The only integrated behaviour monitoring solution for whole-life monitoring. Our system enables you to anticipate health issues with your calves, heifers and cows to establish optimal health and performance from the beginning of every cow's life.

New Milk Monitoring: The milk monitoring solution provides actionable insights into milk quality and yield as well as individual SCC results within two minutes of cupping your cows.

New Youngstock Application: The first solution dedicated to monitoring dairy calves for the first 12 months of life, enabling farmers to establish optimal health and performance, providing deeper insights than you would get from visual insights alone. Our new youngstock application provides the foundation for whole-life monitoring of your herd.

Automation: Automatically connect your SenseHub sorting gates to the SenseHub Dairy system, either through monitoring tags or EID tags. This stress-free sorting regulates access to pens or pasture and will help to improve your animals welfare and milk yield.
<https://www.msd-animal-health-hub.co.uk/farmers/livestock-monitoring>
www.shop.allflex.co.uk

STAND T54



BIMEDA

- ImmunIGY Bovine IgG

ImmunIGY Bovine IgG was developed by Synergy Farm Health, Buitelaar and Soma Bioscience in response to a very real industry need to facilitate sustainable calf management. Bimeda are the commercial partners marketing the technology.

For farmers producing and rearing calves, the routine monitoring of IgG status will identify higher risk individuals and enable management changes that will reduce the risk and incidence of neonatal diseases, time and labour treating sick calves, and support the achievement of productivity targets and more.

Please see dedicated website, including the recording from our launch webinar: <https://calf-immunity.co.uk/> and testimonials already gained (calf-immunity.co.uk).

www.bimeda.co.uk

STAND T11



NMR - GenoCells

Milk testing with genomics

GenoCells is an innovative herd management and herd improvement service centred exclusively around genomic testing.

The main innovative feature is the ability to get individual somatic cell counts (SCC) for cows from a bulk milk sample rather than having to individually sample each cow during the milking, this simplifies the whole process of managing sub clinical mastitis, bulk somatic cell counts (penalty bandings) and selective dry cow therapy.

Because of the simplification, testing could be done on a higher frequency than current SCC management services but, however it is deployed, GenoCells is completely flexible in respect of when it is used so the farmer can use it when most convenient or when results are required.

The ability to complete the SCC test is reliant on all cows

contributing to the sample having been genotyped. An important outcome of this is that, in herds with suitable breeds for UK genomics, the service also delivers highly detailed, reliable AHDB evaluation data for all animals, allowing optimal breeding programs to be deployed which will improve profitability, sustainability and the environmental impact of these herds, hence why this is a true herd improvement service also. The initial UK implementation is tailored towards herds that currently do not record so where the opportunities for improving breeding and milk quality are at their greatest. The development roadmap leads towards GenoCells services integrated into standard milk recording packages over the next few years, having the effect of reducing costs and simplifying the on farm experience for all UK dairy farms.

An additional part of the service offer is delivered through a collaboration using a national specialist team to assist farms in maximising the value of this breeding data through in depth genetics and genomics consultancy, including sire matching.

STAND B82



SEMEX - Elevate

The way to breed low emission cows

At Semex, health, sustainability and the global 'Net Zero' discussion are high priority as we are all asked to reduce emissions by our global consumers and local governments.

Ten years ago, we started this conversation by changing the traditional trait discussions when we introduced Immunity+®. This technology genetically targeted breeding cows needing less antibiotics, that are healthier and last longer in herds.

Now, we're excited to introduce a Methane Efficiency (ME) trait.

Depending on selection intensity, herds can reduce emissions 20-30% by 2050.

www.semex.com

STAND B108

TEEMORE ENGINEERING - Magellan Alley Mat

Magellan flooring is a high-quality rubber flooring option that offers numerous benefits for cow houses. One of its notable features is its ability to reduce ammonia emissions by up to 40%, which can help improve air quality and create a healthier environment for both animals and workers.

In addition to its air quality benefits, Magellan flooring is designed with animal comfort and safety in mind. Its grooved surface allows for efficient liquid drainage, reducing the risk of slipping and lodging of foreign objects in the hoof. This helps to minimise welfare issues and improve overall cow health, which can lead to increased milk production and reduced veterinary expenses.

Magellan flooring is also made from a thick, flexible, and dry rubber material, which provides a cushioned and slip-resistant surface for cows to stand and walk on. This improves their comfort and mobility, which is important for their well-being and productivity.

Overall, Magellan flooring is an effective and environmentally friendly flooring solution that can help improve the health, welfare, and productivity of cows in commercial and industrial settings.

Tel: 02867748377

Email: emma@teemoreengineering.com

www.teemoreengineering.com

STAND P56

DAIRYMAC - AI Gun Superwarmer

The DairyMac AI Gun Superwarmer was developed to improve semen handling and conception rates in Cows.

As farming becomes more sophisticated and farmers rely on top quality semen from the world's best bulls, the importance of correct semen storage, handling, thawing and the actual insemination process to the cow is paramount.

Dairymac have years of experience distributing and manufacturing cutting edge equipment and AI supplies to satisfy this complex procedure. We take our customers desires and requirements very seriously and strive to produce products that are easy to use, strong and dependable on a day-to-day basis.

We offer long warranties and a comprehensive range of spares and servicing options on all our products.

Tel: 44 [0] 7872 161128

Email: sales@dairymac.com

www.dairymac.com

STAND E32

DAIRY KNOWLEDGE EXCHANGE 2024

Date

Thursday
7th March 2024

Time

10.00am – 3.00pm

Location

Easterbrook Hall,
Crichton Campus,
Dumfries DG1 4UQ



DIGITAL DAIRY CHAIN

To view the
full agenda
and register
your place,
please scan
the QR code.



Scottish Funding Council
Comhairle Maoineachaidh na h-Alba



SMAXTEC - TruAdvice

Disease Indication smaXtec's bolus-based health system has already achieved recognition for its unrivalled early detection.

Now smaXtec has launched another world first: Disease indication via artificial intelligence.

With TruAdvice, smaXtec is presenting another revolutionary technology in the field of disease prevention and higher herd health on dairy farms by harnessing the potential of data and artificial intelligence.

TruAdvice is a highly accurate probability measurement of mastitis with artificial intelligence. Depending on the pathogen, we can correctly detect mastitis in the range of 90%.

In addition to the early detection enabled by smaXtec's early alerts based on symptoms such as temperature increases, the new artificial intelligence TruAdvice informs you early and names the disease probability to expedite early treatment event more.

smaXtec's artificial intelligence technology is based on precise and robust data measurements from inside the cow which ensures best possible data quality.

Tel: +4366088226618
Email: leslie.steiner@smaxtec.com
www.smaxtec.com

STAND B198

PARAGON ADVANCED BREEDING - St Boniface Vets/University of Nottingham

Using parthenogenetic embryos to improve dairy cow fertility

Currently, around 35% of dairy cows hold to their first insemination during early lactation (Hanks and Kossaibati, 2020). Our service, which is under development, but based on promising evidence, aims to improve this.

Given that feed conversion efficiency is greatest during the first 100 days of lactation, overall efficiency of production is enhanced and environmental impact minimised when cows conceive during this period (Scottish Government and SRUC, n.d.). This also leads to greater cow longevity (poor fertility is the main reason for involuntary culls (University of Reading, n.d.)) and lifetime productivity, whilst reducing the number of replacement heifers and, consequently, the number of methane-generating cattle to maintain.

Studies in high-yielding cows indicate that around 85% of embryo loss occurs during the period leading up to placental attachment (Day 28 of gestation), and that 75% of this loss occurs between Days 7-28, coinciding with when the embryo signals its presence to the uterus (Wiltbank et al., 2016).

Through an Innovate UK funded project, St. Boniface Veterinary Clinic, Paragon Vet Group and the University of Nottingham have collaborated to research the transfer of parthenogenetic embryos (bPaE) following artificial insemination (AI) as an alternative means by which to enhance pregnancy recognition. The study was undertaken on two commercial dairy farms in Devon, involving 256 cows.

Please talk to us about these developments by visiting our stand.

Tel: 01768439101
Email: imogen.threlfall@paragonvet.com
www.paragonvet.com/
advanced-breeding

STAND B23



GREENHILL SYSTEMS - Heatguard Evolution

Heatguard Evolution is a new, innovative form of roof sheeting that is set to transform the agricultural industry.

The Greenhill Heatguard Evolution roof sheet is a robust, triple wall polycarbonate sheet with a co-extruded UV layer, protecting the sheet and anything underneath it, impeding 98% of harmful UV rays.

The dual function athermic pigment within the sheet restricts the heat entry from direct sunlight, whilst simultaneously optimising the natural light passing into the building. This results in a brighter building, enhancing the wellbeing and production rates of livestock, with the removal of hotspots, shadowing and overheating on hotter days.

The resulting brighter environment reduces the cost of artificial lighting, leaving an energy cost reduction for the owners, and an overall more pleasant environment both to work in and house livestock.

Advantages over conventional roof sheeting for livestock housing include: athermic pigment within the sheet (UV layer) - reduced heat build up - optimum level of diffused natural daylight - improved

conception rate - shorter calving intervals - improved feed intake - improved health - increased herd production - improved working environment - saving on energy and light - lowers your carbon footprint - re-engineered side laps and 10% heavier making it the strongest product on the market - shorter payback period than traditional roof coverings. .

Tel: +44 (0) 7715005770
Email: paul.greenhillfarm@gmail.com
www.greenhillsystems.co.uk

STAND T72

DELEVAL - DeLaval Plus



DeLaval Plus is an ever-growing platform that represents the most advanced level of farm management analysis and reporting that we have ever made available.

The reason they are so advanced is that they use the very latest in data processing and artificial intelligence to analyse data not just from your farm, but from tens of millions of milkings.

Managing a dairy herd just got easier - the latest farm management tool uses data sensors to record each animal's behaviour, analyses each cow's data using artificial intelligence (AI) and helps dairy producers identify sick cows and cows in heat.

Daily updates and real-time information delivered to farmers' smartphones help them manage their to-do lists more efficiently and effectively.

Tel: 07384253665
Email: adam.hayward@delaval.com
www.delaval.com

STAND B128

COW MANAGER - Transition Alerts

Unique ear sensor measuring ear temperature combined with eating, rumination, and activity, which results in more accurate and earlier alerts.

The programme enables farmers to catch sick cows days before they show clinical signs, and in turn, the potential to never miss a heat. Benefits include: increased pregnancy rates, healthier cows, reduced veterinarian costs and labour, improved production, lower mortality rates and decrease in use of synchronization programs and antibiotics.

CowManager features three components: ear sensor, (solar) router, PC or smartphone.

With the Fertility Module, Health Module, and Nutrition Module, the system provides accurate and real-time information. The innovative system converts the collected cow data into clear graphs and alerts that are immediately available in a single overview, the CowManager dashboard.

This dashboard also integrates the insemination moment, which displays the expected optimal insemination moment of the cow.

Tel: +31 (0)348443840
Email: r.braam@cowmanager.com
www.cowmanager.com

STAND B168



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For further information on calf health, visit www.calfmatters.co.uk or scan this code:



1. Windeyer and Gamsjager (2019) *Vet Clin Food Animal* 35 557-573.

2. SPC Bovalto® Respi Intranasal, nasal spray, lyophilisate and solvent for suspension 2023

3. Metcalfe et al. (2020) *Vet Record Open* 7:e000429

Bovalto® Respi Intranasal, nasal spray lyophilisate and solvent for suspension contains modified live virus bovine parainfluenza 3 virus, strain Bio 23/A and modified live virus bovine respiratory syncytial virus, strain Bio 24/A. UK POM-V, IE POM(E). Advice should be sought from the prescriber. Further information available in the SPC or from Boehringer Ingelheim Animal Health UK Ltd, RG12 8YS, UK. Tel: 01344 746957, IE Tel: 01 291 3985. Email: vetenquiries@boehringer-ingelheim.com. Bovalto® is a registered trademark of Boehringer Ingelheim Animal Health France SCS, used under licence. ©2023 Boehringer Ingelheim Animal Health UK Ltd. All rights reserved. Date of preparation: May 2023 BOV-0053-2023. Use Medicines Responsibly.

Exhibitor List A-B

Abbi-Aerotech B.V. P66
www.abbi-aerotech.com
Ventilation, cooling and heating solutions for dairy and poultry farms.

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AD Fuels is an independent haulier of Liquefied Carbon Dioxide & Bio-Methane in both liquid and compressed state. Using state of the art cryogenic equipment they fuel industrial, transportation, and marine industries with clean future fuels.



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Award-winning automatic dipping and flushing milking system, now with intelligent teat-by-teat in-liner venting. ADF Milking is committed to milking cows comfortably and efficiently. Dairy farmers can improve cow health, parlour efficiency and milk quality.

Adisseo B60
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Adisseo is a worldwide leader in nutritional solutions and additives for animal feed.

Advanced Breeding B194
www.tyndalevets.co.uk
Industry leading specialists in bovine IVF, embryo transfer, genetic salvage and repeat breeder embryo production. Also providing bespoke genetic advice and breeding plans.

Afimilk B38
www.afimilk.com
Advanced Dairy Management Solutions. Afimilk manufacture state of the art milking equipment and software.

AG Products B72
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Manufacturer of agricultural machinery - from yard scrapers to bedding dispensers.

Agricarbon UK Ltd B64
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Agricarbon accurately and robustly measures soil carbon stocks at scale. The company provides affordable, accurate audits based on high-intensity direct sampling and automated analysis, that underpins carbon-buyer confidence in soil carbon sequestration.

Agricultural and Farming Jobs P14
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Established in 2013, Agricultural and Farming Jobs provides outstanding recruitment headhunting and Job Advertising Services across the UK and Internationally.

Agricultural Supply B154 Services
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Agri-King Ltd P18
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Agri-Lloyd T102
www.agrilloyd.com
Agri-Lloyd's range of nutritional supplements and complementary feeding stuff help to compensate for naturally occurring deficiencies found in many forage-based diets.

Agrimin Limited B138
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Manufacturers of the ALL-TRACE®, 24-7 SMARTTRACE® AND 24-7 ranges. World leaders in bolus technology, development, design and manufacture.



UK Agri-Tech Centres T62
www.agritechcentres.com
The Agri-Tech Centres offer a complete life-cycle of support, driving agri-tech innovation and adoption through world-class facilities, expert knowledge and business support, saving you time and accelerating your progress.

Agri-Wise / CNS Nutrition P110
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Where service, quality and value meet. Producers of quality molassed mineral blocks (mineral bucket) and supplements to the animal feed industry across the South West.



AHDB B112
02476692051
www.ahdb.org.uk/dairy
AHDB is a levy-funded, not-for-profit organisation working on behalf of Britain's dairy farmers to improve the sustainability of dairy farming.

AIC Services - Feed T110 Adviser Register & Forage Analysis Assurance
www.agindustries.org.uk
FAR - a professional register for those giving feeding advice on livestock farms, for ruminants, pig, poultry and game. Registered Feed Advisers complete detailed training on animal nutrition and feeding advice as well as annual update training on relevant topics.

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Air-Seal Products Ltd E28
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Our range of premier tyre sealants are a major solution to tyre management and have been proven to reduce operating and tyre replacement costs.

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Alt-Group is a leader in providing sustainable energy solutions through our core values of quality, service, innovation, knowledge, efficiency and environment. Our Alt-Solar and Alt-Energi divisions specialise in the supply, installation and maintenance of renewable energy systems.

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Animal Health Vision UK Ltd T38
www.ahvint.com/en/
AHV is the industry leader in quorum sensing-powered animal health solutions and value-added advisory services. AHV develops multi-award-winning, innovative, and sustainable solutions to overcome significant obstacles in the animal health sector.

Animax Ltd B208
www.animax-vet.com
Animax manufacture precision nutrition technologies that give farmers confidence their animals will always have enough trace elements needed for digestive, immune, reproductive and growth performance.

Aphaeas Technology P82
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Aphaeas Agriculture is the sole distributor for Humintech soil conditioners and bio-stimulants in the UK and Ireland.

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Distributors of Marlon CST Heatguard polycarbonate roofing sheet. Allows high levels of natural daylight in whilst reducing heat transfer for comfort and improved animal wellbeing.

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Arkaya Energy specialises in an all in one renewable system for water heating and milk cooling in any farm environment.

ATL Agricultural B166 Technology Ltd
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We are a UK manufacturer of rotary screw air compressors offering oil free compressed air with full UK technical support.



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www.barclays.co.uk/agriculture
Our Agricultural Managers are here to help you - whether you're looking for banking, agricultural finance or to discuss the seed of an idea.

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www.bauer-at.com
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PHIX-UP® - best rumen buffer by pH, KETONITE® - liquid ketosis product for robots, CLOST-RID® - reduce diarrhoea in calves & LACTO PRODUCTION - reasonably priced calf milk replacers.

BESTICO UK Ltd B212
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We provide biological fly control solutions for livestock environments using natural enemies of the pest fly. Let insects do the job.

Bimeda Ltd T11
www.bimeda.co.uk
 Bimeda is a leading global manufacturer, marketer and distributor of animal health products and veterinary pharmaceuticals. Within the UK, Bimeda focuses primarily on the categories of parasite control, nutrition, cattle production and equine health.

Blade Farming E27
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 Industry-leading Sainsbury's integrated beef supply chain. Focused on beef quality, farm efficiency, sustainability, profitability and consistency.



Boehringer Ingelheim T18 Animal Health UK Ltd
www.boehringer-ingelheim.co.uk/animal-health/animal-health
 Boehringer Ingelheim Animal Health ruminant portfolio includes a range of recognised brands including Bovela®, Bovalto®, Ivomec®, Eprinex®, Metacam and the Ubrocare mastitis range, which includes Ubrosal Blue®. Added to this list is our scour vaccine Fencovis®. Our products provide solutions for key production limiting diseases. The lives of animals and humans are interconnected in deep and complex ways. We know that when animals are healthy, humans are healthier too. Across the globe, our 9,700 employees are dedicated to delivering value through innovation, thus enhancing the well-being of both. Respect for animals, humans and the environment is at the heart of what we do. We develop solutions and provide services to protect animals from disease and pain. We support our customers in taking care of the health of their animals and protect our communities against life- and society-threatening diseases.

BOM Rocksalt B170
www.ballofmadley-hereford.co.uk
 Ball of Madley Ltd has been trading in agricultural commodities for over 40 years and importing lump rock salt for over 30.

Bonanza Calf B22
www.bonanzacalf.ie
 Calf milk producer.

BouMatic B190
www.boumatic.com
 We provide innovative solutions that help dairy farmers be more profitable, while safeguarding animal welfare.



British Dairying
www.Britishdairying.co.uk
www.creamawards.UK
 Market-leading specialist dairy publisher reaching the highest readership in dairy farm, and trade, in print & digital. Cream Awards organiser.

BROLIS Herdline P124
www.brolisherdline.com
 The in-line milk analyzer examines the composition of each cow's milk during each milking. The results, along with insights, can be accessed on any device.

Browns of Wem LTD P12
www.brownsfowem.com
 Browns of Wem is an established company with unrivalled specialist experience in the design, fabrication and construction of both steel framed and timber sectional buildings.

Caisley Eartag Ltd B134
www.caisley-tags.co.uk
 Caisley Eartag Ltd is a manufacturer and supplier of high-quality animal identification products, including tissue sampling ear tags, electronic (EID) and visual ear tags.

Calf Barrow P133
www.calfbarrow.co.uk
 The Calf Barrow is used to move newly born calves and small animals. It allows the young calf to be pulled from the ground straight into the barrow ready for transport

Calf Igloo T28
www.calfigloo.com
 We sell Holm and Laue calf housing products, including igloos, verandas and twin hutches.

Calibre Control T98
www.calibrecontrol.com
 Providing equipment for dairy testing from farm to processing. Calibre have testing solutions that ensure the farmer and processor are using the same antibiotic testing specifications, as well as mastitis testing and ATP swabs.

Cargill Animal Nutrition T40
www.provimi.co.uk
 Cargill is a family-owned company with more than 150 years' experience in developing food and feed ingredients. Cargill develops results-oriented nutritional solutions and feeding programmes, which in turn help producers grow their business.

CattleEye B210
www.cattleeye.com
 CattleEye, an 'AI first' company, have harnessed the capabilities of advanced Artificial Intelligence in video analytics to deliver the world's first hardware independent autonomous dairy cow monitoring platform.

Ceva Animal Health Ltd T2
www.qfever.co.uk
 Ceva's focus for Dairy-Tech 24 will be around the challenge of Q fever in UK dairy herds, as a disease with underestimated consequences.

CID Lines T74
www.cidlines.com
 Hygiene is health, it makes all the difference in the food chain, from farm to fork. We combine 360° solutions with tailored advice and highest service.

Cogent Breeding T32
www.cogentuk.com
 Cogent Breeding Limited is the market leader in sexed semen technology and supply with an unrivalled reputation for its world-class breeding programme.

Collinson T46
www.collinson.co.uk/agriculture
 Silos - Capacities up to 55t with a range of discharge options. FeedAlert - Remote silo monitoring for any make of silo, view feed levels 24/7.

Compact Loaders UK 6
www.compactloaders.co.uk
 The ultimate range of multifunction compact loaders & dumpers. Everything you need for lifting, shifting and more.

Concept Dairy B50
www.conceptdairy.com
 Concept Dairy provides the dairy sector with the confidence, knowledge and tools to make better decisions on price. Farmers, take control of your milk price with the FREE Farmer Price-Locking App.

Context Bookshop B122
www.contextbookshop.com
 Context is feeding your knowledge with books covering a range of agri/nutrition areas, detailing unique expertise from the authors themselves.

Corteva Agriscience T52 UK
www.corteva.co.uk
 Corteva Agriscience™ is a leading agricultural inputs business focused on helping farmers grow the best quality feed for their animals. We provide market leading maize varieties, herbicides and silage inoculants.

Visit us at **Stand B104!**

Exhibitor List C-F

Cow Management P123

www.cowmanagement.co.uk
CowManagement is the must-read technical magazine for progressive milk producers. Free to all dairy owners and herd managers in the UK, visit www.cowmanagement.co.uk for your free copy.

Cowcare Systems P48

www.cowcaresystems.com
Manufacturers of livestock housing equipment.

Crystalix B158

www.caltech-crystalix.co.uk
Crystalix feed licks supply high energy form of supplementation to dairy, beef and sheep. Visit us today to learn about our new specialised dairy range.

CWP Concrete P36

www.cwpconcrete.com
At CWP we have 8 years of manufacturing prestressed and precast concrete products. We continue to grow our product range and producing a high-quality finish.

DairyLight P94

www.dairylight.co.uk
DairyLight is a groundbreaking spectrum lighting system, proven to help boost profits by increasing milk yields in dairy cattle.

Dairy Spares T26

01948 667676
www.dairyspares.co.uk
National wholesaler to the farming trade of livestock equipment (Milk Bar teats and feeders plus Trusti tubers, colostrum bags and pasteuriser), milking parlour equipment (Vaccar, Greenoak), and protective clothing (Betacraft, Seals and Border wellingtons).

Dairymac Ltd E32

www.dairymac.com
Manufacturer and distributor.

Dairymaster Ltd 3

www.dairymaster.com
Dairymaster makes dairy farming more profitable, enjoyable and sustainable - we do this by building better products for dairy farmers!

Dairypower UK Ltd E0

www.dairypower.com
Leading Irish designer and manufacturer of high-quality slurry management systems, including automated scrapers, and slurry aeration. We help farmers in over 40 countries worldwide.

Daisy Vending B30

www.daisyvending.com
A British manufacturer and supplier of high-quality milk vending machines, bottles and much more.

Dalton Tags E23

www.daltontags.co.uk
To-date, Dalton Tags are one of the leading suppliers of livestock id tags in England, Scotland and Wales. With an extensive range of Caisley Livestock Tags, Dalton Tags are a pillar in the farming community and renowned for their exceptional quality in both product and service.

Datamars Livestock B156

www.datamars.co.uk
Datamars Livestock support farmers with their infrastructure, animal identification, weight and activity-based animal performance, health delivery systems, cloud-based data platforms and insight tools.

David R Beech P90

Barn Equipment
www.DavidRBeech.com
Company specialising in the improvement of cow welfare and productivity.

Davlec Ltd B144

www.davlec.com
Manufacturing in parlour feed systems and controls for 40 years. Davlec continues to expand, not only in dairy, but in all fields of electronics.



Daykin Partnership Ltd B70

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Daykin Partnership provides cutting-edge products, solutions and support for today's organic dairy sector.

DEFRA, RPA, CSF E10

www.gov.uk/government/organisations/department-for-environment-food-rural-affairs
Catchment Sensitive Farming is a successful partnership between Defra, Environment Agency and Natural England, working with farmers across England to improve water and air quality.

DeLaval B128

www.delaval.com
DeLaval provides integrated solutions designed to improve dairy producers' production, animal welfare and overall quality of life.

DietCheck Ltd T19

www.dietcheck.co.uk
DietCheck - the ration formulation software that puts you in control of your feeding decisions.

Digital Dairy Chain T10

www.digitaldairychain.co.uk
Transforming the dairy supply chain through innovation, collaboration and growth.

DP Agri Ltd P114

www.dpagri.co.uk
DP Agri was created by Rob Doran in 2006. There are now two stores and a machinery workshop in North Devon and Somerset.



EASYFIX B104

www.easyfix.com
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EB Equipment Ltd B152

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We specialise in storage and conveying solutions for products within multiple sectors of both agriculture and industrial.

ED & F Man T6

Liquid Products
www.edfmanliquidproductsuk.com
Leading supplier of high performance molasses based liquid products to UK dairy farmers.

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Providing innovative vending machines and dairy equipment to farms in the UK.

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www.eggspport.co.uk
30+ years experience in supply & shipping embryos & pedigree cattle. Eggs-Port offers a professional personal service. Made exclusively for us, Fastract probiotics for calves & cattle.

Eko Hoofcare NI P112

www.ekohoofcare.com
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Elanco T68

www.mylanenco.co.uk
A leader in pet and farm animal health solutions, we are treating and preventing disease in more than 90 countries.

Embryonics Ltd P30

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EnviroSystems UK E30

www.envirosystems.co.uk
Manufacturer/supplier of innovative products - livestock bedding, slurry/silage inoculants and teat care - helping our customers achieve sustainable, profitable farms.

EPIHERD T70

www.cielivestock.co.uk/project/epiherd-for-dairy-sector/
EPIHERD focuses on the development of a precision herd screening tool for the dairy sector. Come and find out more.

Eurofins B26

Agro Testing UK

Eurofins Agro UK supports farmers, feed companies and agricultural consultants through the provision of analytical testing of forage, hay, and other feedstuffs.

Evans Vanodine International T30

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Manufacturing cleaning and hygiene chemicals for the animal health industry since 1919.

Fabdec Ltd T105

www.fabdec.com
Fabdec offer a comprehensive, energy-saving range of stainless steel milk cooling and heat recovery systems as well as cow management solutions.

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Farmdeals is the UK's fastest growing digital buying group that gives our farmer members access to some of the lowest prices on products such as feed, fertiliser, fuel & seeds, through a web and mobile App.

FarmFit P78

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At FarmFit, we aim to be the ultimate destination for all your agricultural equipment needs - a one-stop shop, if you will. As a family business with deep roots in the industry, we offer unrivalled expertise with foundations built on our own experience.

Farmplus Construction Ltd P142

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Agricultural timber-framed buildings, including cow kennels, house and feed and complete dairy units, livestock, machinery and storage.

Feedlync & Herdlync T114

www.feedlync.com
Herdlync makes herd management mobile and simple. Transform how you feed your herd with Feedlync by Cowconnect.

Finance for Farms B68

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We can help fund almost anything business/farm related and at competitive rates, including livestock, machinery, equipment, buildings, vehicles and much more.

From Fighting Fire to Igniting Progress: Your Herd Health Roadmap to Better Dairying

By Jan van Dijk DVM, PhD, MRCVS Veterinary Technical Manager – AHV UK & IRE

Challenges to Profitability

Against a background of falling milk prices, the British Dairy Sector has been under relentless pressure to become ever more efficient and 'sustainable'. The key factors constantly challenging cow profitability - namely bacterial infections, infertility, metabolic challenges, and mobility challenges- have remained undiminished threats and are all interlinked.

For example, a cow faced by significant metabolic challenges in early lactation is unlikely to have the energy to mount an effective immune response, is therefore more likely to show visible bacterial disorders in udder and/or uterus, which in turn will show up as 'infertility' when it is time to get her in calf again.

It appears that, if we truly want to proactively tackle health challenges as well as optimise milk production, we need to support the cow in a holistic way which goes beyond pushing back bugs alone.

Unfortunately, the reality has been quite different. Taking severe udder health challenges as an example, proactive measures have focussed on the improvement of environmental cleanliness in cubicles and parlour. While these measures form very important pieces of the puzzle, with bacteria causing udder health challenges invariably ubiquitous, it has proven impossible to improve cow cleanliness to truly preventative levels. Bacterial infiltrations in the udder occur frequently and there is a buildup of bacteria within the mammary gland. Therefore, the older the cow gets, the more likely she is to harbour substantial bacterial loads which ultimately lead to a persisting high cell count animal and visible, severe udder challenges.

The result is an extraordinary waste-ful system, where farmers witness 'conveyor belts' full of promising additions to the herd, ultimately crashing and then not responding to treatment. Furthermore, with bacteria becoming ever more resistant to these conventional treatments, farmers are forced to reduce their overall use.

Unveiling AHV's Revolutionary Approach

The reason why bacteria are able to accumulate in the tissues of animals is that they work together to form mucous layers, so-called 'biofilm', which protects them from both the cow's immune system and antibiotics. Within these layers, they can multiply freely and send bacteria out to infiltrate more tissue, for example when the cow becomes stressed (immunocompromised).

Table 1: Change in average Key Performance Indicators on the first 6 Herd Health Plan (HHP) herds to mature to a full year on the Plan. Performance on the HHP was compared to that of the 12 months prior to the start of the HHP. Three herds were on the 'Udder HHP', three herds were on the extended 'Longevity HHP'.

	Cows in herd	Conception Rate (1 st service)	Days open	Yield (kg/day)	Cases of severe udder health challenges	Conventional treatments for severe udder health challenges
Average	224	+ 9.3%	-28.0	+1.2	-16.2%	-74.8%
Range	75 to 550	+5.1% to +11.9%	-7.7 to -83.0	+0 to +5.8	-0 to -50%	-52% to -93%

Ten years ago, researchers at the then-newly formed company Animal Health Vision (AHV) realised that we need to get rid of biofilm, and 'cleanse' tissues as well as the cow's environment if we are ever to get on top of bacterial challenges. Over the years, they perfected a radical new approach.

First, in the lab, they discovered compounds able to break down the biofilm of all bacteria commonly infiltrating ruminants and learned how to make these compounds available to cows in tablet form.

Second, they added all minerals and nutrients needed to mount an effective immune response to their arsenal of tablet-based supplements. Third, they learned how to apply plant-based modulators of the immune system, facilitating a 'strong-yet-not-destructive' immune response. AHV now had the complete package to, for the first time, supplement cows in a truly proactive approach.

After confirming their non-prescription supplements were highly beneficial to individual cows with developing health challenges in the field, AHV UK therefore developed so-called Herd Health Plans (HHPs). These plans are always underpinned by the three pillars of bacterial proactive health: 1) making existing 'bacteria in hiding' available to the cow's immune system, e.g. by breaking down biofilm, 2) supporting rumen and liver with all nutrients needed to provide energy and protein for an effective immune response and 3) making sure the immune response does not become so powerful that tissue is compromised. Importantly, these nil-milk-with-hold products can now be applied to 'cleanse' ruminant tissues routinely, thus making sure bacterial challenges don't become a problem.

Transformative Results and Sustainable Practices

Three bespoke HHPs have been developed. The Transition and Fertility

HHP focusses on supporting liver and rumen during the transition phase, supplying essential minerals around calving and cleansing out the uterus post calving, thereby optimally setting cows up for the next conception.

The Udder HHP similarly supports the cow during transition and cleanses the udder at the start and finish of each lactation, proactively tackling the unbalanced cell count conveyor belt. The Longevity HHP is an amalgamation of the two HHPs described. Biannually, AHV's data team tracks and reports on progress booked, alongside ROI calculations, to HHP customers.

The first 6 herds received their annual progress reports in recent months; their summarised data can be found in Table 1.

All herds showed remarkable progress in fertility performance. Apart from the benefits of cleansing the uterus and supporting the cow during transition, it appears that cleansing out the udder may also be beneficial to fertility performance, as well as yield (e.g. as cows which don't have to fight bacterial infiltrations in the udder may be able to divert more energy towards 'production').

The recorded reductions in severe udder health challenges rates on these farms is substantial and can be held against a background of vastly decreased use of traditional methods for severe udder health issues occurring over the same time frame. Indeed, HHP clients report seeing their sick pens empty, freeing up time otherwise spent on treating sick animals. It appears that AHV have come up with a successful revolutionary approach, for the first time proactively and sustainably 'cleansing' cows.

If you would like more information on how to get started on the road to better dairy herd health and profitability, visit AHV UK at Stand T38 at Dairy Tech, or find an AHV consultant in your area at www.ahvint.com/en



Forage Tech

Forage Technology T99

www.foragetechnology.co.uk
Forage Technology is a family-owned company dedicated to harnessing the power of beneficial microorganisms to enhance soil health and increase agricultural productivity. Their pioneering work in biological solutions has gained recognition for their potential to revolutionise sustainable farming practices.



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ForFarmers, the total feed business, supplies a full range of compound feeds, blended feeds, straights, coproducts and forage products.

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We are a manufacturer and distributor of niche, novel and innovative animal healthcare products for companion, performance and intensive production animals, including Reconcile® - the first veterinary licensed fluoxetine for dogs and Locatim®.

FutureCow T111

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FutureCow® engineers reliable, maintenance-free products - including our Teatscrubber Prep System - to help make your farm more efficient and profitable.

G Shepherd Farm Animal Health Ltd P8

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Dealing company for animal health equipment.

Galebreaker Ltd P136

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40 years strong: Elevating livestock performance through excellence in ventilation and weather protection.

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Excels in building the large-scale facilities that the dairy processing industry needs to satisfy demand for its products, keep on top of new trends and remain competitive.

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From herd management technology to industry leading sexed genetics, our products and services support customers through innovation.

Germinal GB Ltd B164

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With a focus on grass and forage, Germinal develops sustainable varieties and supplies premium agricultural seed to the UK, Ireland and New Zealand markets.

Gibson Supplies T73

www.tim-gibson.com
Automated dairy farming technology consultancy, broker of used robotic milking system and supplies to the robot dairy farmer, including portable milking equipment.

Giltspur Scientific Ltd P128

www.cowslips.com
Cowslips are orthopaedic shoes for treatment of lameness in dairy cows. Fitted to the healthy claw, the cowslips provides pain relief by redistributing the weight and speeding up healing.

GLW feeds P92

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GLW Feeds is one of the UK's leading independent livestock and speciality feed manufacturers. We manufacture animal feeds for both ruminants and monogastric livestock throughout Central England and further afield. In addition, we supply straights and performance products nationally.

Go Low Carbon Ltd E29

www.golowcarbon.co.uk
We're here to save your dairy operation money while making you greener. We're carbon reduction and energy management specialists with lots of experience in the dairy farm world.

Grainseed B88

www.grainseed.co.uk
Grainseed and Horizon Seeds are major breeders supplier of forage crop seed to the industry specialising in maize varieties 'Bred For Britain.'

Grass Technology UK 5

www.grasstechnology.co.uk
Grass Technology is the UK and Europe's market leader zero grazer and slurry tanker & spreader manufacturer. Premium as standard is grass technology.

Grasstec B118

www.grasstecgroup.com
Grasstec offers a diverse range of dairy services and products to the agricultural sector that assist the progressive farmer in achieving greater productivity.

Greencrop P116

www.greencrop.co.uk
Greencrop supply a unique range of solutions for clean and dirty water irrigation, together with slurry applicators.

Greenhill Systems T72

www.greenhillsystems.co.uk
Greenhill Systems is the largest supplier of Heatguard roof sheeting and associated products across UK and Ireland.

H L Hutchinson Ltd B102

www.hutchinsons.co.uk
The UK's leading providers of agronomic advice and crop inputs, offering comprehensive advice from crop management decisions to long-term strategic business planning. Specialist advice on agroecology, environmental services, carbon measurement, mapping and management, precision farming, soil health and farm business management.

Hanskamp AgroTech B.V B206

www.hanskamp.nl
Hanskamp is a technical innovation company based in Doetinchem, The Netherlands. We develop and sell practical solutions for dairy farmers throughout the EU and beyond.

Healthy Hooves P20

www.healthyhoovesuk.com
Manufacturers and suppliers of hoof care products for dairy and livestock farms. Both for the footbath and for direct application to the hoof.

HerdVision T44

www.herd.vision
HerdVision provides real-time data on the health and nutrition of your herd. Our powerful machine learning camera automates mobility and body condition scoring for better welfare and data driven decision making.

Herdwatch B1

www.herdwatch.co.uk
We simplify farming by eliminating farm paperwork and helping users make better decisions.

Heuven Livestock B86

www.heuvenlivestock.com
Heuven Livestock imports dairy heifers from the Netherlands, Germany, Denmark and France. Many decades of experience, plenty of recommendations throughout the UK.

Heygates Country Feeds Ltd T1

www.heygatesfeeds.co.uk
Heygates Country Feeds is a family-owned multi-species mill, manufacturing a range of bulk farm feeds down to bagged smallholder feeds.



HI PEAK

www.hipeak.co.uk
We are excited to announce that Noble Foods has acquired the organic feed specialist Hi Peak Feeds. Hi Peak is UK's largest 100% organic manufacturer of feeds, blends, minerals and speciality products. The mill is located at Killamarsh, in Derbyshire, and was bought from its previous owner, Devenish Group. Hi Peak was founded in 1973 and switched over to organic feed production entirely back in 2011.

Hingerose Ltd P84

www.hingerose.co.uk
UK & Ireland partner for the market-leading Dosatron range of water-powered injectors offering dosing solutions for many applications in the dairy industry.

Hipra UK and Ireland Ltd B124

www.hipra.com
Hipra is an animal pharmaceutical company who develop and produce unique vaccines for prevention and cure of diseases in farm animals.

Hi-Spec Engineering B140

www.hispec.net
Manufacturers of high-quality agri-machinery. Range includes vacuum tankers, slurry applicators, manure spreaders, vertical and horizontal feed mixers, slurry pumps and push off/compacting trailers.

Holm & Laue Sales T24

www.holm-laue.com
Technology in calf feeding supports you and your team to achieve your rearing goals. Whether calf feeders, MilkTaxi, modern animal weighing scales or calf barns with a healthy outdoor climate: you'll find the right product for you at Holm & Laue. We will be happy to support you, because we are both passionate about calves.

Holstein UK Group P76

www.ukcows.com
Europe's largest member-owned Breed Society and parent of two subsidiary companies, the Cattle Information Service (CIS) and the National Bovine Data Centre (NBDC).

Home n' Dry E34

www.homendry.com
Unique, cost-effective, high protein complimentary feed that enables farmers, nutritionists and feed manufacturers to maximise the potential of their crops, feeds and diets.

Hoofcount Ltd B142
www.hoofcount.com
Hoofcount has a sustained reputation in the UK as the market leader in effective and reliable footbathing. Hoofcount manufacture all footbaths bespoke to your needs.

Hoofshop P104
www.hoofshop.co.uk
Come and pay us a visit, learn how we can help with all your hooftrimming needs.

Hooftrimming Ltd P54
www.hooftrimming.co.uk
The forward-thinking, progressive company offering a full range of market-leading cattle hooftrimming crushes to suit both farmers and trimmers, all manufactured in the UK.

Intershape Ltd B43
www.intershape.com
We supply high quality, competitively priced cow and calf housing products direct to farmers in the UK.

Jeps Farm Safe Ltd P46
www.jepsfarmsafe.com
Jeps Farm Safe, Tough cleaning products for tough environments, UK's leading brand in hand scrapers and cleaning equipment.

JFC Agri B26
www.jfcagri.com/uk
A family-owned business, JFC Manufacturing Co. Ltd. was set up in 1987 in Tuam, Co. Galway to supply specialised plastic products to the agricultural industry.

Kelvin Cave Ltd T97
www.kelvincave.com
UK market leader in the development and supply of home-grown feed preservation and processing systems.

Kirby Cattle Services Ltd P10
www.kirbycattleservicesltd.com
A concrete grooving company with a background of hoof health knowledge.

Kite Consulting Gallery
www.kiteconsulting.com
A modern consultancy company focused on delivering excellence to customers in farming and the allied industries.

KRKA UK E20
www.krka.co.uk/uk/products/animal-health-products/tolracol/
For 54 years, Krka has been developing animal health solutions. Come and speak to us about our Tolracol range for coccidiosis management in cows and sheep.

Lactalign B146
www.lactalign.com
Lactalign is an award-winning solution to balance the weight of a milking cluster on a cow reducing liner slip, kick off's, reattachments and mastitis.

Lallemand Animal Nutrition (UK) Ltd B114
www.lallemandanimalnutrition.com
A global leader in yeast and bacteria production, our forage management, feeding, bedding and slurry solutions naturally promote animal performance and wellbeing on your farm.

LANTRA E14
www.lantra.co.uk
As one of the UK and Ireland's leading awarding bodies for training in the land-based industries, we've been dedicated to developing the land-based workforce for over 40 years. We develop quality training and nationally recognised qualifications, delivered by a carefully selected network of approved training partners.

Lely Center Midlands Ltd B15
www.lely.com/gb/centers/midlands/
Your automated milking and feeding experts. Lely Center Midlands strive to give our customers the best service, offering the latest innovations and solutions to farmers.

Limagrain UK E22
www.lgseeds.co.uk
Plant breeders and suppliers of superior seed varieties for farmers, growers and the food and amenity industries..

Linton and Robinson P106 Environmental
www.lintonandrobinson.co.uk
We specialise in the supply and installation of waste management systems and slurry solutions.

Liscarroll Engineering B200
www.lkl-services.co.uk
LKL Services Ltd are Britain's premier providers of relief and contract milking staff to dairy farmers.

LIVESTOCK INFORMATION

Livestock Information Ltd T8
www.livestockinformation.org.uk
Livestock Information was established in 2019, with the aim of building new products and services using modern digital techniques to transform the way we capture and manage livestock movement and traceability data. The digital traceability application is

called the Livestock Information Service (or LIS for short) which provides a single sign on platform for livestock keepers and those in the supply chain to report livestock movements, currently for sheep, goat and deer. Later this year (2024), the cattle service will be integrated onto LIS from the current British Cattle Movement Service (BCMS), with the view of adding pig movement data by the end of 2026.

LKL Services T88
www.lkl-services.co.uk
LKL Services Ltd are Britain's premier providers of relief and contract milking staff to dairy farmers.

M&A Calf Systems Ltd T20
www.mandacalfsystems.co.uk
Provider of automatic and computerised feeding equipment for calves and lambs.


Magdek Thermal Systems Ltd P96
www.magdek.co.uk
Dairy farmers who control shed air changes will have way more consistent performance from their livestock, whatever the weather or bedding material.

Marlow Ropes B176
www.marlowropes.com
Marlow Ropes is a leading UK rope manufacturer specialising in engineered fibre rope solutions for a variety of applications across the agricultural, lifting, energy, marine and wire-rope replacement industries.

Matrix Animal Health T89
www.matrixanimalhealth.com
Innovative and affordable products and support to help farmers reduce their reliance on antibiotics and improve livestock's wellbeing.


Maxiscrape B110
www.yardscrapers.co.uk
A family-run company - building a strong, efficient and well-known Box Yard-scraper.

Mayo Cow Comfort P16
www.mayofarmsystems.co.uk
World renowned Mayo Mattress System, Hybrid Flex Cubicles, Easy Swing Brushes plus all other husbandry equipment required to kit out your livestock unit.




Providing Evidence-Based Livestock Solutions


We offer the expertise, tools and services to help you get the most from your farm.




Dairy Manager




Products & Analysis



Dairy Insight






Data Services



Consultancy

Come visit us on the vetPartners stand
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01458 851 555
contact.us@kingshay.co.uk
www.kingshay.com

Midland Slurry Systems Ltd P60

www.midlandslurrysyste.ms.co.uk
Offering a full range of products from slurry scrapers, pumps, mixers, separators, sand bedding reclamation systems, umbilical systems, to dirty water irrigation, pipe and fittings.

Milking Solutions B182

www.milking-solutions.com
High quality manufacturers of parts and equipment for Gascoigne Melotte and other milking parlours. We carry high stock levels to satisfy our worldwide dealer network

milkrite | InterPuls B132

www.milkrite-interpuls.com
One of the world's leaders in dairy intelligence products and services and continue to add value to our customers with components for milking equipment.

Milktechnz UK Ltd B65

www.milktechnz.co.uk
New Zealand design and manufactured, Milktechnz® UK deliver clever, future proof, labour saving accessories including pulsators and yield indicators for herringbone, parallel and rotary parlours.

Minshall Construction P140

www.minshallconstruction.com
Steel-framed building and farm construction specialists.

Moore Concrete Products Ltd T103

www.moore-concrete.com
Moore Concrete have been manufacturing quality precast concrete products for the agricultural market in the UK & Ireland since 1978.

MOOTRAL

Mootral B24

www.mootral.com
Mootral develops scalable solutions to combat climate change and antimicrobial resistance, starting with natural feed supplements for cattle, swine and poultry.

MSD Animal Health T54

www.shop.allflex.co.uk
At MSD Animal Health we are constantly striving to improve the health and welfare of UK's ruminants by reducing the risk of illness which, in turn, improves our farming customer's productivity, efficiency and sustainability.

My Green Home P118

www.mygreenhome.uk
My Green Home can provide a range of fully-funded energy-efficiency improvements for your home. Working in partnership

with City Council, on behalf of a consortium of local authorities, these improvements are funded by the Fund and the Local Authority Delivery scheme.

N D Jeans Engineering T22

www.ndjeans.co.uk
ND Jeans Engineering LTD specialise in bulk feed storage and conveying solutions. Silo come in capacities between 1 and 50 tonnes.

N W Resources E35

www.nwresources.co.uk
NW Resources provides the widest range of bulk and baled cattle bedding products on the market. We offer single pallet deliveries nationwide on either a next day or 72 hr delivery service. Pop onto our stand to see what we have to offer you for dairy cattle bedding and cubicle conditioners.

NACFT P50

www.nacft.co.uk
National Association of Cattle Foot Trimmers promoting excellence in cattle foot care across the UK.

Nadins Lime and Stone Ltd P68

www.nadins.co.uk
Nadins Hydramix Cubicle and Bedding Lime, bacterial protection without burning and with lower dust levels..

National Farmers' Union B46

www.nfuonline.com
The National Farmers' Union champions British farming and provides professional representation and services to its farmer and grower members.

Natural Stockcare B180

www.naturalstockcare.com
For over four decades, our family-owned business has been dedicated to providing premium quality natural mineral supplements for farmers across Ireland and the UK. With a rich history and a deep connection to the agricultural community, we have been a trusted partner to livestock owners for generations.

Naylor Concrete Products Ltd P98

www.naylorconcrete.co.uk
We have been manufacturing quality, high performance concrete lintels and precast products for over 60 years in our Yorkshire-based factory. Naylor Concrete is part of Naylor Industries Plc, a leading and long-established manufacturer which has a 130-year track record in the provision of construction products.

Neogen T64

www.animalsafety.neogen.com/uk
Neogen provides a combination of tailored dairy hygiene and genomic solutions to support dairy farmers in achieving optimal herd health.

Nickerson Seeds B202

www.nickersonseeds.co.uk
Nickerson - quality seed direct from breeder to farmer. Advice on maize, grass and forage varieties for livestock.

Nightingale Energy T106

www.nightingaleenergy.com
Here at Nightingale Energy, we have been dedicated to installing renewable energy since 2011. We have helped thousands of commercial and domestic customers take the leap and start the all-important journey to becoming less reliant on the national grid.

Nimrod Veterinary Products Ltd. P34

www.selektsystem.co.uk
The SELEKT range comprises equipment for delivery and collection of fluids to and from the rumen, and formulae for rehydration and clinical nutrition.



NMR B82

www.nmr.co.uk
NMR decodes milk data, building robust insights relating to milk quality, herd health and genomic testing services that empower farmers to make informed decisions.

Noble Green Energy E26

www.noblegreenenergy.co.uk
We pride ourselves on delivering renewable and energy-saving solutions which reduce costs and are better for the environment.

Northern Dairy Equipment T58

www.dairy-equipment.co.uk
Manufacturers of an innovative range of dairy equipment including the award-winning Sanicleanse Teat-Prep system, the iBath automatic footbath.

ODonovan Engineering B186

www.odonovaneng.ie
We specialise in the design and manufacture of quality, innovative livestock housing, and handling equipment.

OMEX B188

www.omex.com
Grow With OMEX. Combining technology and 46 years of knowledge, our team of liquid fertiliser experts can help grassland farmers achieve high quality yields.

Omya UK Ltd T41

www.omya.com
Omya produces calcium carbonates for use in animal nutrition and animal care and manufactures CalciPrill granulated limestone for rapid improvement of soil pH.

Oxbury Bank P28

www.oxbury.com
Oxbury is the only UK bank dedicated to British agriculture. Providing British farmers and food producers with the lending they need to run their farm businesses, and savings accounts to any individual or business that wants to support British farmers and the rural economy.

Oxi-Tech Solutions E6

www.oxitechsolutions.com
A powerful disinfection system that's kind to the ecosystem. No more handling harmful chemicals. It's good for you, profits, and the planet.

Paragon Advanced Breeding B23

www.paragonvet.com/advanced-breeding
Specialist cattle advanced breeding services nationwide based in Cumbria. Services include IVF, MOET, embryo transfer and bull semen collection.

PastureTec Ltd T3

www.pasturetec.co.uk
Pasturetec are an independent agricultural business, focusing on grass-based livestock systems. We distribute brands such as Gallagher, Strainrite, Rutland, Line 7 clothing, Ridgeline, Stoney Creek, Betacraft and Skellerup.

Pearson Milking Technology B96

www.pearson-international.com
Pearson has been pursuing ways to ensure great animal health and efficient milking practices with new ideas and new technology practices for the dairy farmer. Come and see us to learn more.

Pectofeed Ireland Ltd B196

www.pectofeed.com
Antibiotic alternatives for cattle.

Plantmec Ireland Ltd P132

www.plantmecireland.com
We are manufacturers of agricultural machinery, the main products produced being; self-propelled cow-cubicle cleaners/rebedders, known as "Q-Beds".

Platts Agriculture Ltd B66

www.plattsagriculture.co.uk
At Platts Agriculture, our goal is to help farmers improve milk yields and quality, by supplying cubicle conditioner products to promote dry, hygienic cubicles.

Exhibitor List P-R

Predicta by Dairy Data Warehouse P120

www.dairydatawarehouse.com/predicta-GUARDIAN-DDW is a specialist dairy data company providing digital solutions for a sustainable, profitable future for dairy farmers and stakeholders throughout the dairy industry. We invent and enable data driven solutions for a sustainable dairy future.

Progiene T21

www.progiene-dairy.com
Progiene is the company that cares for your dairy. Whether you're a farmer or a distributor working with the dairy industry, we provide the most effective dairy hygiene products and the most helpful advice, for happier healthier herds and higher quality milk.

Promar International P72 / Milwood Products

www.promar-international.com
The UK's leading provider of agricultural consultancy, offering advice to maximise profit and fulfil your strategic objectives.

Provita Animal Health B94

www.provita.co.uk
Provita: animal health innovators manufacturing medicinal probiotics, hoofcare, feed probiotics; supplements, colostrums; newborn calf products, electrolytes, energy deficiency, air purifiers, feed additives, mint gels.

Pruex Ltd P102

www.pruex.co.uk
Optimising dairy cow health to achieve prudent as opposed to excessive use of antibiotics to limit Anti-Microbial Resistance (AMR).

Quality Milk Management Services Ltd T50

www.qmms.co.uk
Milk quality laboratory services/ recording backed by specialist veterinary advice.

R.E. Buildings Ltd P40

www.rebuildings.co.uk
R.E. Buildings Ltd is a leading provider of specialist steel framed agricultural buildings and distributor of Bobman bedding machinery.

REAL Success B48

www.real-success.co.uk
REAL Success is a 'people life-cycle' business providing recruitment services and people development support and training to the Agriculture sector in the UK.

Realistic Agri Ltd E33

www.realisticagri.com
Products that are targeted by species, feeds and the aspirations of specialist

ruminant producers. Bonsilage Additives. Passion OB Films. ToxiSolve Yeast. Micobind. DryCare1 Meal.

Ricardo E12

www.frrf.ricardo.com
Ricardo's Future Farming Resilience Fund is helping farmers across England to get their farming business ready for the future with FREE business and environmental advice.

Robinson's Scotland P138

www.robinsons-group.com
We are a family-owned business that prides itself on the ability to supply quality steel-framed building solutions from our state-of-art manufacturing facility in the heart of South West Scotland. Located just off junction 17 of the A74M we have easy access to deliver projects across the UK.

Royal Agricultural Society of England E11

www.rase.org.uk
The Royal Agricultural Society of England is an independent charity dedicated to the agricultural industry. The Society was founded with the goal to apply new science to agriculture and stays true to this by being open to new ideas and solutions.



Royal Association of British Dairy Farmers B80

www.rabdf.co.uk
The Royal Association of British Dairy Farmers (RABDF) is the sole UK charity focused on the unique needs of milk producers. It works hard to ensure the industry's voice is heard, with its activities central to supporting the growth and development of the industry. Come and meet us for a chat and learn more about our activities. RABDF is the organiser of Dairy-Tech 2024

RS Agri Ltd T92

www.rsagri.com
Home of the EVO-MIX diet feeder, UK built EVO-BED cubicle equipment - ride-on, mounted and pedestrian models, and the new SABRE combined bale processor and shredder.

Rumenco Ltd B178

www.rumenco.co.uk
Rumenco are a privately-owned business who have led the way in the development and manufacture of feed supplements and feeding systems for ruminant livestock for almost 60 years. Our knowledge and experience in ruminant nutrition enables us to offer products and solutions to help farmers maximise animal performance from home grown feeds.



Stay a Step Ahead with Hoofshield Advance

NEW Field-Proven Foot Bath Formula



Proven efficacy against specific organisms responsible for digital dermatitis



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Join Neogen EMEA - Animal Safety & Genomics

Exhibitor List S-T

Safety Revolution T90
www.safetyrevolution.co.uk
Health and Safety consultancy alongside app-based paperless software that allows all your health and safety documents to be signed off electronically.

Sand Separation Systems Ltd 4
www.sandseparationsystems.com
Sand Separation Systems Ltd provides equipment for the separation, recovery, disinfection and re-use of bedding sand from sand laden slurry and sand lanes.

Saveco Environmental Ltd B20
www.saveco-water.co.uk
SAVECO supplies state-of-the-art slurry, sludge and effluent pre-treatment solutions to customers across the UK and Republic of Ireland for livestock farming, biogas and wastewater sectors.

Seaways Services UK LTD T5
www.seaways-services.com
First choice for bespoke printed glass. Over the years we have seen the glass decorating market experience a rapid and continuous change and our printing and design services are continually adapting and updating to meet the challenges of this market. We help with the whole process. From glass sourcing to design inspiration. Spray coating to packaging solutions.

SEDULO

Sedulo E31
www.sedulo.co.uk
Sedulo are one of the UK's fastest growing mid-tier business advisory firms, for good reason. Sedulo personally deliver financial services for SMEs, corporate entities, and private clients. Sedulo's innovative approach to finance with personable experts that understand their specialised industry in great detail means that they can provide world class advice on R&D tax, funding options, investment and audit.

Semex UK B108
www.semex.co.uk
Semex is committed to developing and delivering innovative genetic solutions. Scientific breakthroughs have led to Immunity+, the only proven genetic answer to improving herd health.

Shearwell Data Ltd T56
www.shearwell.co.uk
Shearwell Data Ltd provides a complete system for livestock farmers - animal identification, EID readers, management software and handling systems.

Shelbourne Reynolds Engineering Ltd B160
www.shelbourne.com
Manufacturing innovative farm machinery for 50 year's at our headquarters in Stanton Suffolk UK, specialising in livestock, groundcare and harvesting equipment.

Shield Agriculture Ltd T112
www.shieldagriculture.co.uk
Animal welfare equipment.

Silagesense Ltd T9
www.silagesense.co.uk
Silagesense Ltd are the UK and Ireland distributor of forage additives for Biomin who are part of DSM, the leading global ag-biotech company.

Silostop Agri Ltd B100
www.silostop.com
Silostop Agri is the global leader in silage clamps, silage films, covers, calf hutches, cow mats, and mattresses. We employ an expert team who work alongside dairy farmers worldwide.

Singleton Birch P86
www.singletonbirch.co.uk
Singleton Birch Limited has celebrated more than 200 years since the company was founded. Over these two centuries and more, we established ourselves as the UK's leading independent lime supplier and have built an exceptional reputation for quality and service. We have diversified into a number of different sectors; each of our operations is part of the Singleton Birch family and encompasses the same standards of excellence in all we do.

Smartbell B174
www.smartbell.io
Smartbell is an animal health and management monitoring company. Providing sensors and tools to monitor animals, their environment and facilitating management decisions.

SmaXtec B198
www.smaxtec.com
We offer professional livestock dairy farmers the most technologically advanced health system aimed at preventing diseases in dairy cows. As a result, farmers achieve stable high milk yields, reduce the use of antibiotics many times over and significantly increase animal welfare.

South West Refrigeration Ltd B36
www.southwestrefrigeration.co.uk
South West based Company serving the UK's dairy sector - specialists in bulk milk tanks, heat recovery, sales and service and cold rooms.

Spread-A-Bale Ltd B84
www.spread-a-bale.com
Truly self-loading for round and rectangular bales. Spreads in under a minute with minimum dust generation significant straw and labour savings.

Spreadwise Ltd B34
www.spreadwise.com
Leading the field in treatment and application of agricultural slurries, liquid waste and digestate.

Stamford Agricultural Services Ltd T80
www.stamfordagricultural.co.uk
Agricultural dealership based in Cheshire, we offer a wide range of products and services.

STORTH
EXPERTS IN SLURRY MANAGEMENT
SCRAPERS IT - PUMPS IT - SEPARATORS IT - STORES IT - MIX IT - APPLY IT

Storth Ltd B184
www.storthmachinery.co.uk
Storth Machinery is the leading manufacturer of slurry equipment across the UK. We manufacture scrapers, pumps, separators, slurry stores, mixers and all slurry application equipment.

Strautmann B106
www.straumann.co.uk
Made in Germany, The Strautmann range of forage and feeding wagons are exclusively distributed in the UK by OPICO Ltd.

Sum-It Computer Systems Ltd T86
www.sum-itsoftware.co.uk
Leading producers of fully integrated Total Dairy, Beef, Sheep, Field and Accounts software plus mobile apps. Links with BCMS, QMMS, TOTALVET, NMR, CIS and Parlours.

Sundown Products B2
www.sundownproducts.co.uk
NIS is a palatable, digestible plant-based fibre that is suitable for grazed dairy cows, housed dairy cows and youngstock.

Sylgen Animal Health Ltd E5
www.sylgenanimalhealth.com
Our goal is to help the agricultural industry reduce its environmental impact while producing high-quality food.

Symms Fabrications Ltd B32
www.symmsfabrication.co.uk
Well established family run business supplying animal feed storage bins and a wide range of farm equipment.

TCD Energy Ltd B172
www.tcdenergy.com
We have expertise in the energy sector and can tailor solutions to bring those utility costs down and lighten the load on your farm's expenses.

Teemore Engineering Ltd P56
www.teemoreengineering.com
Teemore Engineering is a leading supplier and distributor of high-quality livestock housing and handling equipment. Teemore is at the forefront of innovation within the Livestock sector, with a key focus on providing sustainable products to aid the future of farming and handler safety.

Teisen Products Ltd B4
www.uddermint.com
Manufacture of hygiene and health products, including UDDERMINT® liniment cream, which is sold worldwide.

The Andersons Centre B44
www.theandersonscentre.co.uk
Dairy Business Consultants.

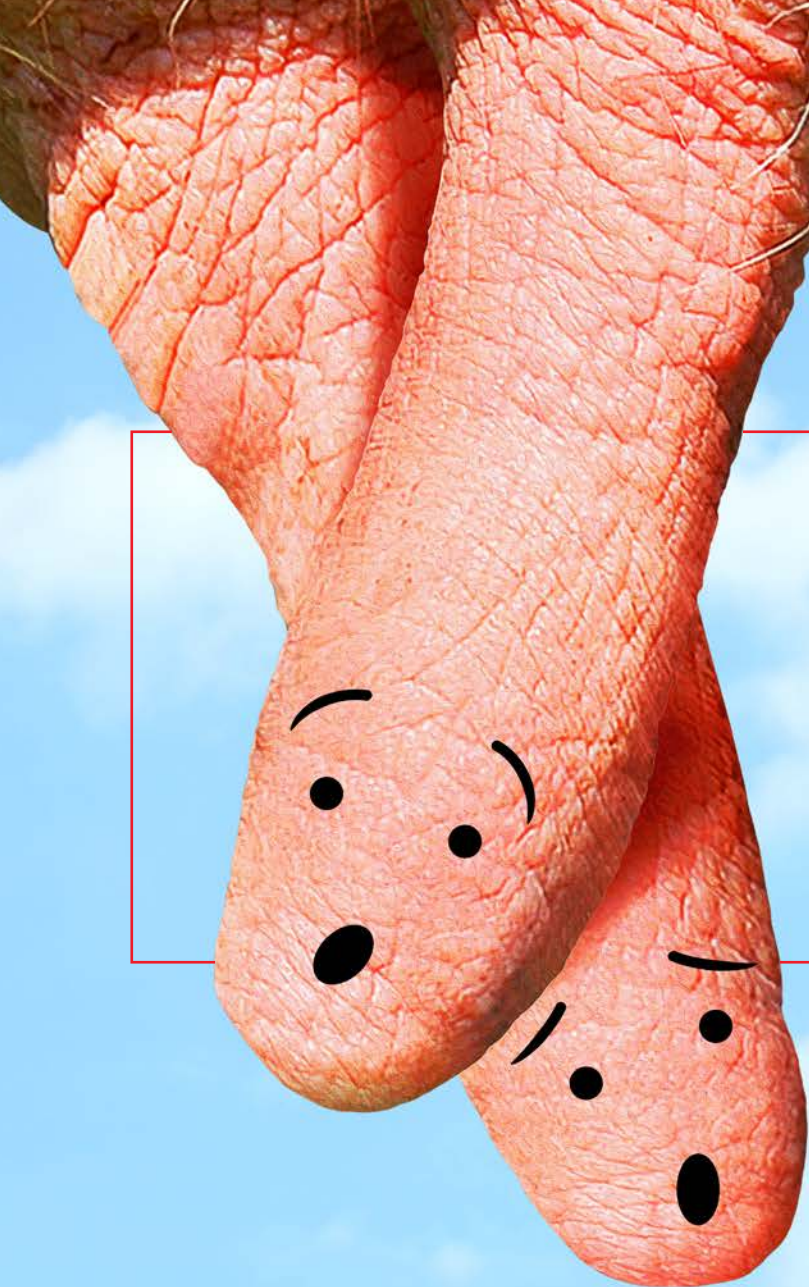
The Calf Company B74
www.thecalfcompany.com
We supply all your calf rearing needs from milk replacers, housing, equipment and on farm specialist support.

The Dairy Group P74
www.thedairygroup.co.uk
We are an independent dairy consultancy, which provides technical and business solutions to help our clients to secure their future and to achieve their objectives.

The Farmart Magazine T104
www.thefarmart.co.uk
The Farmart magazine is a monthly buyer's guide for farmers, agricultural business owners and those involved in rural activities.

The Farming Community Network (FCN) P131
www.fcfn.org.uk
The Farming Community Network helps farmers and farming families in England and Wales manage and thrive through difficult times and periods of change.

The Milk Station Company Ltd T43
www.themilkstationcompany.co.uk
The Milk Station Company is the UK's leading milk, dairy and produce vending machine dealer.



**DON'T LEAVE
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TO CHANCE.**

**VACCINATE
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Daily milk yields increased by up to 1.8 L* per cow after live BVD vaccination, in herds with evidence of circulating infection but no signs of disease¹.

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and speak to your vet about
safeguarding your
herd's productivity.



*during early lactation

BOVELA
MAKE BVD HISTORY

1. Schmitt-van de Leemput *et al.* (2020) *PLoS ONE* 15(10): e0240113.

Brought to you by the makers of Bovela® lyophilisate and solvent for suspension for injection for cattle. Further information available in the SPC or from Boehringer Ingelheim Animal Health UK Ltd, RG12 8YS, UK. Bovela® is a registered trademark of Boehringer Ingelheim Vetmedica GmbH, used under licence. ©2022 Boehringer Ingelheim Animal Health UK Ltd. All rights reserved. Date of preparation: Dec 2021. BOV-0216-2021. Use Medicines Responsibly.

Exhibitor List T-W

Thomas Bell and Sons Ltd **T84**
www.thomas-bell.co.uk
Thomas Bell are the UK's largest fertiliser importers, suppliers and manufacturers. Our full range of quality fertilisers include Lithan, Pulan and Diamond Fertilisers.

Timac Agro **B92**
www.uk.timacagro.com
For 60+ years Timac Agro has worked alongside farmers and processors to sustainably and efficiently rear livestock and produce crops by improving soil and livestock health.

Tractors UK **B162**
www.tractorsuk.co.uk
Tractors UK are the sole UK importer of TAFE tractors - small commercial, low cost tractors ideal for farm, equestrian, agricultural and horticultural use.

Tramspread Slurry Storage Ltd **P108**
www.tramspread.co.uk
We manufacture a wide range of slurry handling equipment, including umbilical and tanker applicators, hose reels and pump units.

Trevor Birchall Agri Ltd **T65**
www.tbagri.co.uk
TBA Ltd is a specialist independent supply company, established in 1995. We operate mainly in the South of England but will proudly supply across the UK. We pride ourselves on offering the latest nutritional advice and technology to meet the demands of the modern UK dairy market.

Trioliet BV **T80**
www.trioliet.com
Premium feeding technology: diet feeders and robotic feeding systems for dairy and beef farmers.

UK Farm Gates **P111**
www.ukfarmgates.co.uk
In the ever-changing landscape of agriculture, where the delicate balance between nature's bounty and the toil of our farmers plays out, the first line of defence often goes unnoticed - the security gate.

UK Sires **B192**
www.uksiresdirect.com
We offer semen sourced from the best British and imported dairy and beef sires, conventional and sexed.

Uniform Agri UK **T7**
www.uniform-agri.com
UNIFORM Agri are a leading provider of Herd Management software with a range of links designed to cut out data duplication.

Vermot UK Ltd **P58**
www.vermot-grooving.com
With proven expertise when it comes to grooving and scarifying concrete floors and slats.

VES-Artex **B204**
www.ves-artex.com
VES-Artex innovates and implements intelligent barn systems to optimise animal well-being and drive operational efficiency for agriculture around the world.

VESBA **P144**
www.vesba.org.uk
Vesba is a government-funded, farmer-led badger vaccination project, which aims to understand more about the successful deployment of badger vaccination over a large area.

Vetoquinol UK Ltd **P71**
www.vetoquinol.co.uk/products/farm-animals
The wellbeing of animals and people is at the heart of Vetoquinol. It's what all our teams, worldwide, work to achieve. Thanks to our decades of expertise, we've built trusted relationships with our clients - vets, livestock farmers and pet owners - who rely on our innovative products and services to meet their real needs.

vetPartners

VetPartners **P61**
www.vetpartners.co.uk
Established in 2015 by experienced vet Jo Malone, VetPartners' network of experienced farm vets work to support our British farmers.

Virus Shield Biosciences **T71**
www.vsbiosciences.com
Animal health and hygiene.

Vogelsang **B119**
www.vogelsang.co.uk
The industry-leading manufacturer of high quality slurry handling equipment: dribble bars and trailing shoe systems with working widths of 7.5m to 36m, distribution heads and slurry separators.

Waikato Milking Systems UK **B130**
www.waikatomilking.com
Waikato Milking Systems is a leading designer and manufacturer of dairy technology.

West Country Concrete Products **T94**
www.westcountryconcreteproducts.co.uk
Manufacturer and supplier of precast concrete products, water troughs, feed troughs, footbaths, free standing retaining walls, panels, slurry and sand channels, slats, robot bases, rooms, lorry workshop pits, bespoke products.

Wilson Agriculture **P1**
www.wilsonagri.co.uk
Dairy housing specialists.



Wolfenden Concrete Ltd **T82**
www.wolfendenconcreteltd.co.uk
Specialist precast agricultural concrete manufacturers with over 40 years' experience.



Women in Dairy **B80**
www.womenindairy.co.uk
Women in Dairy is an initiative designed to bring women working in our industry together to connect, share and inspire.

Wooldridge Milking Technologies **P42**
www.milkingparlour.co.uk
Wooldridge Milking Technologies is a dairy engineering company servicing the south and southwest. Main dealers for Waikato, JOZ and Fullwood JOZ.

World Wide Sires UK **B168**
www.wwsires.co.uk
Providing industry leading genetics, technology and management products. Come and join World Wide Sires, CowManager, TechMix and Zoetis on our stand at Dairy-Tech 2024.

Wroot Water Ltd **E13**
www.wrootwater.com
Wroot Water is a specialist water company specialising in irrigation systems for agricultural use. Our reputable team work efficiently with suppliers and customers to deliver the best quality service possible. We are based in Yorkshire but can travel nationally to meet customer's requirements.

Wydale Plastics Ltd **B6**
www.wydaleplastics.co.uk
Manufacturers of proven calf feeding equipment, a range of milk mixers from 110 ltrs to 620 ltrs, ATV accessories and specialist tanks.



Become an RABDF Member



Working for British Dairy Farmers

RABDF depends on its membership subscriptions to fund its work and to provide a voice for the UK dairy sector. As well as supporting the vital work of the RABDF, becoming a member also offers a range of additional benefits, such as a monthly newsletter and free access to the UK's leading dairy event, Dairy-Tech, plus lots more. Let us help you by supporting our association and becoming a member today.

Your membership helps us to:

- Represent the interests of British Dairy Farmers by responding to government consultations on your behalf
- Provide MPs with the true facts about dairy farming through the All Party Parliamentary Group on Dairy, for which we run the joint secretariat
- Influence consumer opinion by signposting the public and press to reliable sources of information on dairy

- Maintain a sustainable dairy farming industry by encouraging new entrants and providing bespoke business training
- Organise numerous events throughout the year for dairy farmers to network, learn from others and improve their profitability.

Please note that membership runs on an annual basis from the 1st April to 31st March.

* Free entrance to Dairy-Tech will be by ticket only. Your membership number alone will not gain you admittance to the Event

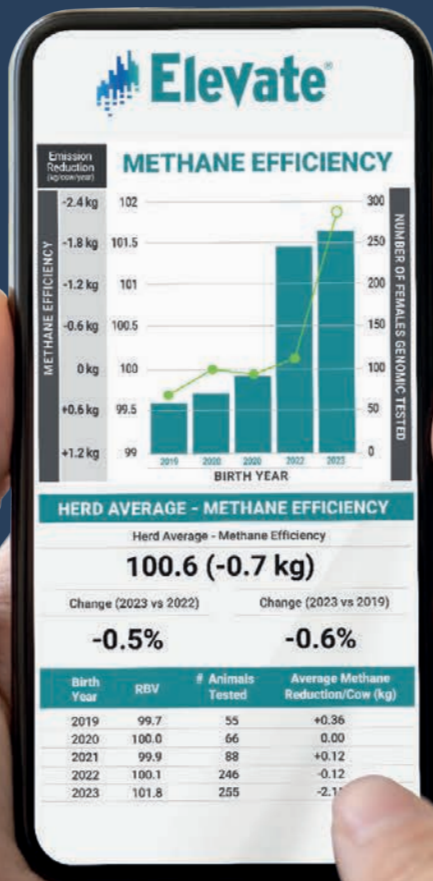
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- **HELPS DIFFERENTIATE BETWEEN TRACES OF TEAT SEALANT AND SIGNS OF MASTITIS**

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Ubroseal[®] Dry Cow 2.6 g Intramammary Suspension for Cattle contains bismuth subnitrate. UK: POM-V. IE: POM. Further information available in the SPCs or from Boehringer Ingelheim Animal Health UK Ltd., RG12 8YS, UK. UKTel: 01344 746960 (sales) or 01344 746957 (technical), IETel: 01 291 3985 (all queries). Email: vetenquiries@boehringer-ingelheim.com. Ubroseal[®] is a registered trademark of Boehringer Ingelheim Vetmedica GmbH, used under licence. ©2021 Boehringer Ingelheim Animal Health UK Ltd. All rights reserved. Date of preparation: Jan 2021. BOV-xxxx-2020. Use Medicines Responsibly.



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