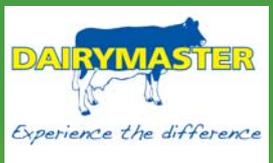




Website address:
www.cattlebreeders.org.uk



Date for your diary....

The 2020 British Cattle Breeders Conference will be held at its usual venue, The Telford Golf Hotel & Golf Resort Hotel in Shropshire, on 20-22 January.

The conference theme '2020 – Focusing on succession to build a sustainable future' promises to be an inspiring and lively event for beef and dairy cattle breeding, which brings together key speakers from home and abroad.

Message from the BCBC Chairman, Laurence Loxam

It gives me great pleasure to welcome you to the 2020 British Cattle Breeders' Club Conference (BCBC). Since its inception over 70 years ago, the BCBC conference has become a unique event, renowned for its mix of practical, high quality speakers and its drive for innovation.

With the future of cattle breeding at its heart, the BCBC conference links a wide spectrum of farmers, scientists, students and industry influencers. The conference provides a fantastic forum in which to kick off the New Year, challenging ideas, introducing new science and technologies and providing the opportunity to meet people, stimulate thought, debate and discussion. The conference itself is a focal point of the year for the club where we embark on finding answers and solutions in today's fast moving environment. In a world with a rapidly growing population that increasingly demands 'more for less', how can we ensure that an overriding need for quantity does not detract from the quality of the food we produce?

Succession and sustainability are two key messages I would like to address during the 2020 conference. Both topics are close to my heart as we embark on 2020, the start of a new decade where we are going to see huge changes around the world and especially in the agricultural industry. Therefore, I am thrilled to welcome speakers such as Dr Jude Capper and Martin Thatcher to name just two.

We are so fortunate to have such a great line-up so I am excited to hear each and every paper.

Some of our challenges transitioning into 2020 are; how do we combat the rise of veganism and the rapidly changing environment, especially in the realms of global warming? Recently, we have heard the message that cattle are causing more methane gases than ever before and that this could be contributing to global warming; what can we do to prove this hypothesis wrong or is it correct and in fact we may need to adapt with the trends of the times?

We have seen over many years how cattle breeding has greatly benefitted from the dynamic integration of science, new technologies, and innovation. In this 'new era', I have no doubt that science and innovation will be even more important for farmers now, and for future generations. New thinking and strengthening the ability to innovate, will provide the advances and improvements that will increase efficiencies and produce populations of animals that can respond to the demands of a changing market place; we have to be more effective.

We are, of course, deeply indebted to all our sponsors, without whom we would not be able to run a conference of this stature.

Finally, to be the Chairman of the 2020 Conference is truly a great honour and I feel humbled to have found myself in this important position. It is very much my hope that you enjoy the programme, speakers and the chance to network with other attendees, leaving the 2020 BCBC conference informed, full of ideas, and with the energy and vision to embrace practical innovation and add value to every level of our great beef and dairy industries. I look forward to seeing you there.

**By Laurence Loxam
BCBC Chairman 2019**



Speakers and Conference Preview

Conference Preview and Autumn Newsletter 2019



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The British Cattle Breeders Club Conference 2020

The British Cattle Breeders Conference is an annual event organised by the British Cattle Breeders Club every January. The programme aims to provide an innovative and stimulating 2½ days of papers presented on both beef and dairy cattle breeding. It also aims to give delegates a unique opportunity to meet fellow breeders, scientists and industry specialists in an informal environment.

The evening events give delegates the chance to relax and network. Monday evening will begin with a Wine Reception, kindly sponsored by Neogen Europe, followed by dinner in the restaurant.

Tuesday will be the Club's annual dinner, a black tie event, starting with the Champagne Reception kindly sponsored by Dairymaster followed by dinner with beef kindly provided by Waitrose and Dovecote Park.

Day delegate prices start from £159, including membership of the club for 2020. The full programme and online booking is now available at www.cattlebreeders.org.uk

Why not stay overnight at the hotel and enjoy the evening events provided and take advantage of the swimming pool and spa? Accommodation is limited and must be paid to the hotel on departure. All bookings can

be made through the BCBC secretary, Heidi Bradbury at heidi.bradbury@cattlebreeders.org.uk

Grateful thanks go to all of our conference sponsors. The 2020 major sponsors are:



Experience the difference



Sponsorship opportunities are still available for the 2020 conference, please see the website or contact Heidi for further details.

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Speakers and Conference Preview

The programme for the 2020 conference has been announced, here is a snapshot preview of some of our keynote speakers.



Roddy McLean
'Support of the Sector – The Challenges and Opportunities'

Roddy McLean
Director of Agriculture, Natwest

'Support of the Sector – The Challenges and Opportunities'

Opening the conference will be Roddy McLean, Director of Agriculture, NatWest, looking at some of the key challenges and opportunities facing the sector and how we support the next generation.

Roddy joined NatWest in November 2004 after working for SAC as an Agricultural Consultant for 21 years. His responsibilities include supporting the Bank's Relationship Managers, keeping them informed on current farming issues, providing advice on more complex agricultural lending propositions and helping shape the Bank's policy towards agriculture.



Dr Jude Capper
'Going green - How do we communicate our industry's environmental advantages?'

Dr Jude Capper
Livestock Sustainability Consultant, Oxfordshire

'Going green - How do we communicate our industry's environmental advantages?'

Dr Jude Capper will speak about cattle's role in providing nutrient-rich foods on land unsuitable for other types of cropping. She will outline the amazing environmental progress made by the beef and dairy industries in recent years and how this can be communicated to consumers and wider society.

Jude Capper undertook her BSc (Agriculture with Animal Science) and PhD (Ruminant Nutrition and Behaviour) at Harper Adams University College, followed by post-doctoral research at Cornell University and a faculty position at Washington State University.

Jude currently works as an independent livestock sustainability consultant and her research focuses on modelling the sustainability of livestock production systems, specifically dairy and beef, including quantifying changes made by improving productivity or adopting differing management practices. She has an active social media presence and spends a considerable amount of time de-bunking some of the more commonly heard myths relating to livestock production. Due to these efforts, she was awarded "Dairy Industry Woman of the Year 2017."



Sophie Throup
'Beef into the future: customer focus and a retail perspective'

Sophie Throup
Senior Agriculture Manager, Wm Morrison plc

'Beef into the future: customer focus and a retail perspective'

With customers increasingly interested in issues and wanting insight into the food they eat and the choices they make, what can beef producers think about when planning for the future? As Agriculture Manager for the UK's only integrated retailer, Sophie Throup will give an overview on customer perspectives at Morrisons and how these might inform the beef business.

Sophie started her career on the ASDA graduate training programme, moving into corporate affairs and looking after farming, product and store themes, after a year in-store as a produce manager. She had a period at home on the family farm when her children were born, before joining Bishopton Veterinary Group in 2009 as their marketing manager. Whilst there she set up the FarmSkills training programme with XL Vets and worked with veterinary colleagues setting up RAFT Solutions Ltd, delivering vet and farmer generated livestock research and training projects for the private and public sectors.

Sophie also helped set up the government funded Agritech centre CIEL (Centre of Innovation Excellence in Livestock) for whom she is still non-executive director. Sophie joined Morrisons in November in 2017 as Agriculture Manager.



Speakers and Conference Preview

Prof. Bart Lardner

University of Saskatchewan, Canada

'Developmental programming and alternative heifer development'

Dr. Lardner is a Professor in the Department of Animal and Poultry Science at the University of Saskatchewan, where he supervises undergraduate and graduate students and teaches courses in forages and beef cattle nutrition. His expertise lies in pasture and water management in cow-calf systems, summer and winter grazing systems, grazing ruminant nutrition, beef cattle reproductive efficiency, supplementation and heifer development, and applied genomics. His research program works closely with producers to ensure applicability of results back to industry.

Professor Lardner will explore the effects of maternal nutrition during gestation on progeny performance during his talk at the BCBC 2020 Conference. Another focus will be alternative heifer development programs, where the goal is to not grow too fast in confinement, but create functional cows required to perform in a similar environment.

Prof. Mick Watson

Bioinformatician and Genome Scientist, The Roslin Institute, Midlothian

'Greenhouse gas emissions from farmed livestock – the role of the microbiome'

Professor Mick Watson, a bioinformatician and genome scientist from The Roslin Institute, will open dairy day by putting the facts on greenhouse gas emissions from ruminants into scientifically correct context. He will discuss the role of the microbiome and other factors and will discuss how agriculture can present its case with facts. His presentation will be followed by a discussion on the facts and put forward the arguments for the role of ruminants in maintaining biodiversity and their contribution to the carbon cycle.

David and Maggie Kelly

Farmer, Kirkby Lonsdale, Cumbria

'Limousin to Hereford, change for changes sake'

Making the move from Limousin to Hereford will be the topic of speakers David and Maggie Kelly, who farm 365 ha of permanent pasture in the Lune Valley in Cumbria. The family calve 250 pedigree Hereford cows a year with followers and 15 pedigree Limousins. On a separate unit 250 Hereford x calves are being reared for the Co-op.

The couple will focus on reasons for moving from continental cattle to Herefords, the benefits of stocking cattle hard, using EBVs to select for easy calving, short gestation and good growth to produce the cattle that the market requires.



Prof. Bart Lardner
'Developmental programming and alternative heifer development'



Prof. Mick Watson
Greenhouse gas emissions from farmed livestock – the role of the microbiome'



David & Maggie Kelly
'Limousin to Hereford, change for changes sake'



Speakers and Conference Preview



Dr Michelle Judge
'Breeding for superior beef meat eating quality'

Dr Michelle Judge

Geneticist, Teagasc, Co Cork

'Breeding for superior beef meat eating quality'

Major advancements in meat eating quality have been made in recent years through processes within the farm gate as well as in the abattoir, including animal handling, slow chilling, hip hanging and dry aging process. Despite the extremely controlled conditions in abattoirs, large variability in meat quality still persists and genetics undoubtedly contribute to this. Dr Judge will talk about how to use breeding as a tool for superior meat quality.

Dr Judge graduated from University College Dublin in 2013 with an honours degree in Animal Science before completing a PhD in genomics with Cork Institute of Technology and Teagasc in 2017. She is currently a geneticist with Teagasc in collaboration with Meat Technology Ireland, working specifically on genetic evaluations for both meat quality and detailed meat cut yields.



Werner Brand
'Deep learning and its application in livestock industry'

Werner Brand

Geneticist/Programmer at SRUC, Midlothian

'Deep learning and its application in livestock industry'

Deep learning is a modern tool used to build powerful predictive equations from a wide range of data sources by creating artificial neural networks to simulate an animal brain. Werner Brand, Geneticist and Programmer at SRUC will explain how EGENES and SRUC have been successful in training deep learning models for application in the livestock industry. These include predicting pregnancy and TB status in dairy cows and dairy goat udder classification from digital images. This talk will explore and showcase the application of deep learning in agriculture and livestock farming.



Neil Eastham
'Future-proofing your herd through the use of genomics'

Neil Eastham, BVSc DBR NSch MRCVS

Bishopton Veterinary Group & RAFT Solutions, Ripon, North Yorkshire

'Future-proofing your herd through the use of genomics'

Neil recently completed a Nuffield scholarship exploring how UK dairy farmers can benefit from the use of genomics. Over the course of his study Neil learnt how producers across the world are realising a return on their investment in female genomic testing by changing the way they make selection and breeding decisions. As well as explaining how application of the lessons learnt make genomic testing a useful management tool, Neil will explore the role the vet can play and review future developments within the field of genomics.

Neil grew up on a Lancashire dairy farm where his family continue to milk 340 pedigree Holsteins cows. He studied at the University of Liverpool for an undergraduate degree in Veterinary Science and after graduating in 2007 joined Bishopton Veterinary Group in Ripon, North Yorkshire as a farm animal vet. He returned to academia, again at Liverpool University, completing his Diploma in Bovine Reproduction in 2014 and in January 2017 he became a partner in the practice.



Speakers and Conference Preview

Prof. Roel Veerkamp

Numerical Genetics & head of department, Wageningen University and Research Animal Breeding & Genomics, Netherlands

'Multi-breed genomic prediction'

Professor Roel Veerkamp will be speaking on multi-breed predictions at the 2020 BCBC Conference. Since the size of the reference population is crucial for the accuracy of genomic prediction, it would be very nice to be able to perform multi-breed genomic prediction. Especially for numerical smaller breeds, or when phenotyping is very costly. In practice, however, multi-breed prediction appeared not very accurate when simply combining reference populations. Today we can define criteria and predict scenarios where it might be beneficial to combine references populations across breeds.

Rob Hitch

Partner Dodd & Co Accountants, Carlisle

'Delivering succession for farming businesses'

Rob Hitch from Dodd & Co Accountants will consider the points that help businesses continue to prosper through the succession process as well as the options available to facilitate gradual transfer of businesses and underlying assets at the BCBC 2020 Conference. He will cover what makes successors want to take businesses on and what stands in their way and if policy choices aid or hamper sustainable businesses.

Rob joined Dodd & Co in 1997 after six years in the consultancy industry. He specialises in farming businesses and associated industries. Rob is involved with developing tax mitigation strategies for farmers and developing structures that comply with EU and UK subsidy requirements, dealing with partnerships, companies and advising joint venture businesses particularly in the dairy sector.

After spending nearly 30 years working with farming businesses, Rob has been involved with many successful transitions from one generation to the next and helped businesses manage their succession plans.



Prof. Roel Veerkamp
'Multi-breed genomic prediction'



Rob Hitch
'Delivering succession for farming businesses'



Speakers and Conference Preview



Patrick Morris-Eyton
'Improving sustainability for the future'

Patrick Morris-Eyton

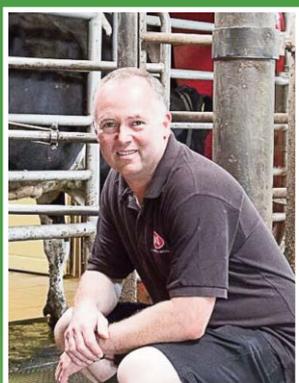
Farmer, Millom, Cumbria

'Improving sustainability for the future'

Patrick will talk about his aims for the new greenfield dairy site he is building on the farm and his aim of producing milk to the highest standards while improving the sustainability of the business. He will talk about how the family managed the topic of succession and how the process has developed.

After a period milking cows in New Zealand and managing the family's flock (while breeding his own Swaledale flock) Patrick took part in Tesco's Future Farming Foundation in 2015/16. He then became more involved in the family's dairy business and became a partner, getting more involved with the genetics side of the herd. He subsequently implemented genomic testing on all heifer calves.

In the past two years Patrick underwent the Arla Next programme and is now the District Chairman for Arla. He has also participated in the Myerscough Young Farmers Leadership Academy. This was an experience he highly recommends due to the knowledge it gave him of managing a team; particularly helpful during the building of the greenfield dairy.



Neale Sadler
'The Conversion to and production of a2 milk'

Neale Sadler

Bridge Farm, Wem, North Shropshire

'The Conversion to and production of a2 milk'

Neale Sadler milks 75 cows through a Lely robot. The herd converted to a2 milk production six years ago and is now looking to expand cow numbers, with a new building to house a second robot. Neale will be drawing on the key messages from last summer's BCBC Dairy Farm Walk and talk about the conversion to producing a2 milk, how he is breeding a herd fit for the future and how he manages succession and sustainability on his farm.

Why not join BCBC?

Membership is just £35 per year and offers the following benefits:

- Discounted delegate fees at the annual 2.5 day British Cattle Conference
- Access to the last 60 years of conference papers
- The chance to participate in farm walks
- A copy of the magazine, Cattle Breeder, with topical articles and information
- A copy of the Digest (the proceedings of the BCC)



Practical Workshops for beef and dairy farmers at the 2020 Conference

The conference will once again host a beef and dairy workshop with AHDB, both looking at breeding strategies, giving farmers the chance to interact in practical sessions looking at breeding goals and putting their findings into practice.

Planning beef breeding strategies

Breeding lies at the foundation of any beef production system. While herd breeding decisions are just one element of cattle management, selecting superior parents for breeding will lead to cumulative and permanent gains in herd productivity, profitability and efficiency. There is no single definition of a good breeding plan. Instead, breeding plans need to be devised to meet the specific requirements of a herd and the target market.

The British Cattle Breeders Club and AHDB Beef and Lamb invite farmers to join us for this practical workshop to take the first steps in developing a breeding plan for their suckler herd. The workshop will cover;

- Where do you want to go? Your farm; Your breeding
- Where Estimated Breeding Values (EBVs) come from and the data behind them
- How EBVs translate to on-farm performance
- What generates profit in the beef supply chain and how breeding can influence that
- Practical use of EBVs when selecting a sire
- Fit for purpose bulls – health & structural soundness

Dairy Breeding - Shape your future

Breeding should be part of the future planning you carry out for your business; whether that is expansion, change of direction or leaving a legacy. Join AHDB Dairy's Marco Winters and Fern Pearston to learn about the set of tools available from AHDB designed to help you evaluate your herd's genetic strengths and weaknesses, inform your breeding decisions and evaluate those decisions once they have been made. Delegates can put these learnings into practice with a break out session during the workshop.

BCBC Beef Farm Visit

The British Cattle Breeders Club will visit the newly built farmstead at Oak House Farm based at Green Hammerton near York on Thursday 14th November. The farm covers 130 ha, with 50 ha owned and 80ha rented. The arable enterprise covers 60ha growing winter wheat, winter and spring barley, spring beans and red clover for silage in the rotation. Conservation tillage/no-till is used to establish crops and 20ha of cover crops are grown each year. The remaining 70ha is a selection of long-term leys, permanent pasture and higher-level stewardship that support the 90 head suckler herd.

The suckler herd is based round South Devon x Limousin home bred cows. Pure South Devon's are AI'd with high EBV maternal Limousins using female sexed semen. Norwegian Reds are being trialled in place of the Limousins to bring greater fertility, small cows, more milk and better feet into the herd. Everything is AI, with no stock bulls on the farm. Calving starts on the 10th March for a nine-week period. The cows are rotationally grazed all summer and progeny weaned at the end of October at housing.

The visit takes place by kind permission of the Powley family. Mike will also be speaking at our annual conference from 20 – 22 January 2020. For further details please contact the secretary, Heidi on heidi.bradbury@cattlebreeders.org.uk or visit our website www.cattlebreeders.org.uk



Speakers and Conference Preview

British Cattle Breeders Club Shropshire Dairy Farm Visits

The British Cattle Breeders Club members enjoyed an insight into two fabulous dairy units in Shropshire in early August.

Our first visit was to Bridge Farm, Edstaston by kind permission of Neale Sadler, a small family dairy farm milking 70 Holstein cows, with 90 heifer replacements and 25 beef stores. At 85m above sea level with between 760-1000mm annual rainfall, Neale farms over 200 acres, growing a variety of crops for feed with grass, maize, winter wheat, winter oats and lucerne. Alongside the family farm Neale runs a successful contract baling business.

In 2003 Neale and his father ceased milking due to staff and infrastructure issues, and after extensive research and planning Neale resumed milking again in 2006, this time through an A3 Lely Robot. The cows were originally housed on a straw yard, but Neale found this didn't suit the system or the cows, the distance to the robot and mastitis were the main issues. Neale converted an existing building into a slatted yard with cubicles and built an underground slurry store. The mastitis problem disappeared but did find cows slipping a problem. Rubber matting was installed and massively improved fertility and yields, the cows were visiting the robot more regularly (on average 3x a day) and showed natural signs of heat. The cows have the benefit of being able to graze once they have been milked by using the grazeway gate, other technology used includes the discovery barn



cleaner, lunar brush and out of parlour feeders.

Neale said 'installing the robot was one of the best decisions ever made' adding 'the cows are in a stress-free environment and by decreasing the stress thus increasing fertility and performance.'

In May 2012 Neale was producing milk on a Muller contract and during that summer he decided to test the whole herd for the A2 variety of beta casein protein - 43% of the herd tested were A2 cows, compared to an average of 33% in other herds. Neale sold the non A2 cows and slowly built up the herd to become 100% A2 cows and started supplying the a2 company with A2 milk.

Neale explained that 'milk can contain A1 and A2 varieties of beta casein, however the A2 variety is better for lactose intolerant people' he added 'that generally a third of cows will be A2:A2, a third A1:A2 and the other third A1:A1'. The A2 milk his cows produce doesn't contain the A1 protein which 1 in 5 people find difficult to break down'. Neale concluded 'in my personal experience of drinking only A2 milk I have noticed that the eczema I had has disappeared.'

Neale currently tests all of his calves at birth for the A2 protein. The management system of his cows is still the same the only difference is when selecting sires to ensure they are A2 certified.

Our second visit took us to Meadow Bank Farm near Cantlop, by kind permission of Steve and Ruth Ashley, another family run dairy unit running a closed herd of 130 Holstein cows and rearing all replacements. The farm consists of 113 acres owned and around 300 acres rented, growing maize, whole crop, multi-cut silage, hay and haylage.

The cows are milked through two A2 Lely Astronaut robots, the first robot was installed in 2013 with the second in 2017. The barn is split into two halves, with a robot on each side. The cows are currently averaging 45 litres a day and have reached 50 litres a day during other times of the year, averaging 13,500 to 14,000 litres. The herd was the 5th highest performing Lely robot milked herd in the world. The herd is all year-round calving with the cows housed and on average visiting the robot 3.7 times a day. The cubicles are sand bedded and topped up weekly whilst the cows are being fed.

Ruth and Steve, along with their herdsman, John,



Speakers and Conference Preview



meticulously study the health reports provided by the robots and the cows looked at routinely every morning, Ruth explained 'you have got to use the data, healthy cows equals milk production'. The rumination data is regularly monitored, along with ketosis and acidosis. Regular vet visits and foot trimming are also part of the on going health monitoring of the herd. All calves are BVD tag and tested and johnes is monitored quarterly through milk samples with high reading cows no longer bred from.

Sexed semen is used on their heifers and the best producing cows in the herd, calving the heifers at 23-24 months. When choosing sires Ruth focuses on health, fertility, mobility, calving ease and milking speed. The herd currently has a 396 day calving interval with 33% PD+ at first service and 91% in calf by 100 days in milk.

Steve and Ruth have a meticulous long-term plan with continuous improvement and when asked if they will look at adding a third robot, Steve replied 'we are planning for a third within the next 10 years but we need to ensure we have everything else right first' he concluded 'that the next building will be a dry cow shed.'

Both farms gave an incredible insight into two different dairy units, both looking ahead to a future in the dairy industry and ensuring that they continue to maintain high standards within health and welfare of their herds, and providing a stress-free environment whilst continuing to provide a healthy end product.



British Cattle Breeders Club Committee

The Club is run by an elected committee, with each member appointed for a period of four years. The committee chairman is an annual appointment and he/she guides the development of the conference, so that each year a different theme evolves. The Club, which is both a charity and a company limited by guarantee, is administered by a secretary.

If you would like to get involved, please contact our secretary, Heidi Bradbury on 07966 032079 or email her at heidi.bradbury@cattlebreeders.org.uk or feel free to speak with one of our committee members. Our AGM will be held on Tuesday 21st January at the Telford Hotel and Golf Resort during the conference, everyone is welcome.



President
Professor
Mike Coffey

President: Professor Mike Coffey - Professor in livestock informatics at Scotland's Rural College

Chairman: Laurence Loxam – General Manager, Lely Centre Midlands Ltd

Vice-Chairman: Clive Brown – Head of knowledge exchange, AHDB Beef and Lamb

Treasurer: Henry Richardson – Senior Data Analyst with NBDC

Other Committee Members:

- Lucy Andrews-Noden – Director, Priestcliffe Consulting
- Charlie Askew – Livestock husbandry lecturer, Easton College
- Dr Tim Byrne – Managing Director, AbacusBio International Ltd
- Andy Dodd – Dairy Business Consultant, The Farm Consultancy Group, WhiteAvon Consultancy
- Dr Gary Evans – Business Development Manager for Neogen's GeneSeek Genomics business in Europe
- Amy Hughes – Knowledge exchange manager, AHDB Beef & Lamb
- Emma Jones – Dairy Farmer, Cheshire
- Andy King – Dairy farmer, Somerset
- Ruari Martin – Director of Farm Operations & Innovations, Myerscough College
- Fern Pearston – Animal genetics manager, AHDB Dairy
- Melissa Roberts – Beef Farmer
- Anya Westland – Lecturer, Myerscough College
- Dr Karen Wonnacott – Ruminant nutritionist, CREDITON MILLING CO LTD

BCBC BRITISH CATTLE BREEDERS CONFERENCE
BOOKING FORM 20TH – 22ND JANUARY 2020

Name of delegate:
 (Please include title)

Address:

Telephone:

Email:

Please Circle Farmer Industry Research Breed Society Other

Conference Registration		RESIDENT in Conf. Hotel	NON RESIDENT	Fill in below as appropriate
WHOLE EVENT		£269	£325	£
Or book separate parts of the conference here	Monday Beef Workshop	FOC to all Beef Day delegates. BOOK YOUR PLACE HERE		YES / NO
	Monday Dinner	Included	£30	£
	Tuesday Beef Conference	£159	£159	£
	Tuesday Dairy Workshop	FOC to all Dairy Day delegates. BOOK YOUR PLACE HERE		YES / NO
	Tuesday's Club Dinner	Included	£45	£
	Wednesday Dairy Conference	£159	£159	£
TOTAL			£	

Membership
2020 Membership fees – above fees include BCBC membership with membership discount applied. If you pay BCBC fees by Standing Order please contact the secretary.

Accommodation Reservation – Payable to the Hotel upon departure

- Accommodation is limited and allocated on a first-come-first-served basis. If the accommodation is full when you book, alternative accommodation suggestions will be made but you will need to pay for the dinner(s) at the conference hotel if you wish to attend them.
- By filling in the section below you are agreeing to this accommodation being booked on your behalf. You will be liable to pay unless **at least 2 weeks notice of cancellation** is provided.
- Please contact the Secretary if you wish to stay on **Sunday** or **Wednesday** night, special rates available.

Please tick appropriate boxes	Monday night	Tuesday night
Single Room - £107.50 per night		
Double or Twin - £86.00 per person per night Name of person sharing room _		

If you wish to pay your delegate fees by BACS the Club's bank details are:
Bank: CAF Bank
Sort code: 40 52 40
A/c no: 00023696
A/c name: British Cattle Breeders Club (BCBC)

All delegates please sign here: _____ **DATE:** _____

to agree to the terms specified and give consent to BCBC to use my data for BCBC purposes as per the BCBC Privacy Policy

PAYMENT METHODS:

- Book & pay on-line by visiting our website www.cattlebreeders.org.uk
- Telephone the secretary and pay over the phone by card. You will still need to return the form.
- Return this form with a cheque (payable to BCBC) or return and pay by BACS using details opposite.
- There are special rates for **students**, see website or contact the secretary for details.
- Farmer group bookings, please contact the secretary for details.

Return this form to: Heidi Bradbury (Secretary), BCBC, Underhill Farm, Glutton Bridge, Earl Sterndale, Buxton, Derbyshire SK17 0RN Tel: +44 (0)7966 032079
 Email: heidi.bradbury@cattlebreeders.org.uk Website: www.cattlebreeders.org.uk

Our Privacy Policy is available to view on our website
 Conference & Hotel Bookings - Full Terms & Conditions are available to view on the website or from the secretary

British Cattle Conference 20-22 January 2020

This year's conference theme is: 'Focusing on succession to build a sustainable future'

Monday 20th January

- 14.00 Beef Workshop – Planning beef breeding strategies
- 18.30 Wine Reception kindly sponsored by Neogen Europe
- 19.30 Dinner in the restaurant

Tuesday 21st January

- 09.00 Club Chair Laurence Loxam opens the conference
- 09.05 Roddy McLean, Director of Agriculture, Natwest Support of the Sector – The Challenges and Opportunities
- 09.45 Sophie Throup, Senior Agriculture Manager, Wm Morrison plc, Bradford
Beef into the future: customer focus and a retail perspective
- 10.45 Dr Tim Byrne, Managing Director AbacusBio International Limited, Midlothian
How heavy is too heavy? Optimising cow mature weight for typical UK farms
- 11.15 Prof Bart Lardner, Department of Animal & Poultry Science, University of Saskatchewan, Canada
Developmental programming and alternative heifer development
- 12.00 Dr Michelle Judge, Geneticist, Teagasc, Co Cork
Breeding for Superior beef meat eating quality
- 13.40 Parallel Session for Dairy Delegates – Workshop Breeding – Shape your future
- 13.40 Mike Powley, Farmer, Green Hammerton, York
Building for the future, concrete and carbon
- 14.10 David and Maggie Kelly, Farmers, Kirkby Lonsdale, Cumbria
Limousin to Hereford, change for change sake?
- 14.40 Ben Harman, Farmer, Chesham, Bucks
Repeatable quality beef – Chagyu, right every time
- 15.40 Martin Thatcher, Thatchers Cider,
Growing a Family Business
- 16.10 Dr Jude L. Capper, Livestock Sustainability Consultant, Didcot, Oxfordshire
Going green – How do we communicate our industries environmental advantages?
- 16.40 Chairman closes the day
- 17.00 AGM

Tuesday evening

- 19.00 Champagne Reception sponsored by DairyMaster followed by the Annual Club dinner with beef kindly donated by Waitrose and Dovecote Park Ltd, and wine sponsored by Viking Genetics.
Dress Code: Black Tie

Q&A Panel Session after dinner on global warming, with a look at methane emissions, veganism and cowspiracy, panel members to be confirmed.

Wednesday 22nd January

- 09.00 Club Chair Laurence Loxam opens dairy day
- 09.05 Prof Mick Watson, Bioinformatician and Genome Scientist, The Roslin Institute, Midlothian
Greenhouse gas emissions from farmed livestock – the role of the microbiome
- 09.45 Werner Brand, Geneticist/Programmer, SRUC, Midlothian
Deep learning and its application in the livestock industry
- 10.55 Neil Eastham, BVSc DBR NSch MRCVS, Bishopton Veterinary Group & RAFT Solutions, Ripon
Future-proofing your herd through the use genomics
- 11.25 Prof Roel Veerkamp, Prof Numerical Genetics & Head of Department, Wageningen University, Netherlands
Multi-breed genomic prediction
- 12.05 Gavin Tait MRCVS, Veterinary Surgeon, AB Europe, Westruther, Scotland
In Vitro Embryo production for cattle breeders
- 13.45 Rob Hitch, Partner/Accountant & Dairy Specialist, Dodd & Co Accountants, Carlisle
Delivering succession for farming businesses
- 14.15 Patrick Morris-Eyton, Dairy Farmer, Beckside Farm, Millom, Cumbria
Improving Sustainability for the future
- 14.45 Neale Sadler, Dairy Farmer, Bridge Farm, Edstaston, Shropshire
The Conversion to and production of a2 milk
- 15.15 Conference Closes

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Day Delegate rates to attend the conference start from £159 including BCBC membership for 2020.

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