

Co-op Animal Welfare Standards & Performance



A Better Way of Doing Business for You and Your Community



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Why Animal Welfare is Important to us

By working closely with our farmers and suppliers, we put a lot of thought and care into the food that goes into our members' and customers' baskets. We know that animal welfare is important to our customers and members, so we are committed to creating products that have been produced to good animal welfare standards, regardless of their budget.

We have, for many years, been pioneering in our approach to improving the welfare of animals. In the 1990s, we even broke the law to be the first retailer to label the living conditions of laying hens. We were then the first retailer to only use free-range eggs across all our products in 2010.

From this starting point, we have our own animal welfare standards that reflect our 100% British pledge for chicken, eggs, pork, turkey, beef, lamb, milk, cream, and cheddar cheese.

In developing our standards and policies, we have consulted many <u>experts</u> in this area and used the <u>Farm Animal Welfare Committee's</u> Five Freedoms as a reference document for guidance.

Farmers care for their animals by following the Five Freedoms welfare code:

- Freedom from hunger and thirst, by ready access to water and a diet to maintain health and vigour.
- Freedom from discomfort by providing an appropriate environment.
- Freedom from pain, injury, and disease, by prevention or rapid diagnosis and treatment.
- Freedom to express normal behaviour, by providing sufficient space, proper facilities, and appropriate company of the animal's own kind.
- Freedom from fear and distress, by ensuring conditions and treatment, which avoid mental suffering.

How are we committed to animal welfare?

The scope of our animal welfare policy is universal to all products produced under own brand label irrespective of tier, geography, or species. Branded goods represent approximately 45% of Co-op sales by volume, and as such, our influence over the policies of branded goods is more limited. However, specific policies such as pre-stunning before slaughter and cage-free eggs are applicable across all **branded** and **own label** products.

We support animal welfare through schemes such as <u>Red Tractor</u>, <u>RSPCA Assured</u> and our own-brand animal welfare standards. In fact, all our own-brand meat, poultry and British dairy products sold under The Co-op brand are produced from farms that are accredited to a national farm assurance scheme, such as Red Tractor, which ensures high standards of animal welfare. In addition, all our farmed fish and continental meats are certified to a third-party standard. These schemes cover aspects such as the housing of animals and stocking densities, feed and water, health and veterinary controls, breeding, traceability, and transportation.

To give our customers the choice of higher animal welfare products, our Irresistible and standard bacon, ham, and sausage, pork, Irresistible salmon, and chicken is RSPCA Assured. Depending on the animal, the benefits of the RSPCA welfare standards include more space, natural lighting, and environmental enrichment, e.g. objects for birds to peck at. All our fresh eggs and organic eggs are RSPCA Assured free-range and carry the British Lion Quality Mark. Our organic milk is RSPCA Assured.

In addition to these accreditation schemes, we have a set of Co-op animal welfare standards that cover beef, lamb, game, pork, chicken, turkey, duck, eggs, fish, liquid milk, and fresh cream. Suppliers and producers are contractually obliged to meet these standards which allows them to supply The Co-op. Please see Terms and Conditions by clicking <u>here.</u>

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The Co-op has invested in a dedicated Farming & Fisheries team of people who are agricultural and seafood specialists with a passion for British farming, responsible sourcing and the food industry, which allows us to support more than 3,000 UK farms and suppliers as well as working with our global supply base.

Our Farming Groups, which were set up from 2011, including on average 400 producers of meat, poultry, eggs, salmon, and dairy. These groups were set up to make it easier for farmers to collaborate, with other farms and ourselves to promote best practice in terms of animal welfare and responsible sourcing, and to build better relationships throughout our supply chains.

We encourage our farms to incorporate our <u>'Five Farming Pillars'</u> into their farming practices, which are assessed every year by an independent auditing body, with farmers being awarded Bronze, Silver or Gold.

These pillars cover:

- 1. Animal Health, Welfare & Quality
- 2. Community
- 3. Responsible Resources
- 4. Environmental
- 5. People and Skills

All Farming Groups hold regular meetings to discuss issues affecting them, to share ideas and best practice, and to drive improvements in animal welfare. The Co-op's dedicated Farming & Fisheries team visits these farms when possible throughout the year, as well as taking part in broader team visits to abattoirs.

Click <u>here</u> to find out more about our Co-op Farming Groups and farmer case studies.

We are committed to working with our farming partners to monitor and improve the health and welfare of farmed animals and fish and to address environmental and ethical issues in our supply chain. We also aim to develop our standards further through external advice and benchmarking with independent consultants and through close relationships with welfare groups such as <u>RSPCA Assured</u> and <u>Compassion in World Farming</u>.

We report our animal welfare performance across key species. You can see examples of our key animal welfare policies – general as well as by species – and measures below, along with key performance indicator data that is monitored by our farmers and processors.

Furthermore, we have stringent non-animal testing policies for our own label brand product range. In response to customer opinion, we developed the most stringent of non-animal testing policies. In the case of toiletries and household goods, our systems are reviewed by <u>Cruelty Free International</u>, and their endorsement is used to communicate to our customers that this claim is credible and independently verified.

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Animal Welfare Policy - General Policies

Animal Cloning

Animal Cloning is an assisted reproductive technology that allows farmers to replicate their best animals. This means many animals can be produced from the best stock for either meat production, milk production or egg production, without traditional breeding techniques. Meat and dairy from cloned animals have been found to be safe for human consumption, however, there are still serious concerns about the welfare of cloned animals and their offspring. In the EU foods produced from cloned animals are controlled under regulation. However, there are significant issues regarding traceability of animals that are offspring of cloned animals. Therefore, no animal can be supplied to The Co-op from cloned or genetically modified animals or any progeny of cloned animals.

Animal Testing

Our non-animal testing stance is very much taken from a customer product point of view. As a consumer-owned democratic business, we have a duty to respond to our customers, and use of animal testing for toiletries and household goods remain a concern for the overwhelming majority. In response to customer opinion, we developed the most stringent of non-animal testing policies on our own brand product range. In the case of toiletries and household goods, our systems are reviewed by <u>Cruelty Free</u> International and their endorsement issued to communicate to our customers that this claim is credible and independently verified.

Assurance/Audits/Compliance

All our own label brand UK meat and poultry products are produced, as a minimum, to <u>Red Tractor</u> Farm Assurance Scheme standards (or equivalent). All own label brand non-UK meat, dairy and poultry products are produced, as a minimum, to standards equivalent to Red Tractor. Compliance with our standards is verified through annual Red Tractor Farm Assurance audit or equivalent. We also work with <u>RSPCA Assured</u> on certain species in our supply chain providing a higher welfare option. All farms supplying us with meat, poultry or dairy products may be subject to announced and unannounced audits by either The Co-op or an appointed audit body at any time. All suppliers must notify us of any audit failures, compliance problems, and proven or investigated breaches in legislation or welfare standards, as detailed within our Agricultural Escalation Policy available on our supplier portal.

CCTV at Slaughter

All abattoirs slaughtering livestock for supply to The Co-op shall have in place a CCTV system for the monitoring and recording of livestock up to the point of kill (including offloading, handling, stunning and sticking) for managing animal welfare. The CCTV equipment should be capable of recording legible time, and date stamped images and storing these images for three months in line with the Government legislation. Footage from this CCTV system is to be checked by senior management on a routine basis and be available for audit by a representative from The Co-op or an appointed agent/audit body at any time.

Confinement

All meat and poultry sold under The Co-op brand are produced from livestock reared to strict standards of animal welfare and must be accredited to one of the national Farm Assurance Schemes which allows meat to display the Red Tractor Logo (or equivalent) as a minimum. We also work with RSPCA Assured on certain species in our supply chain providing a higher welfare option. We do not permit specific production and confinement systems as these do not meet our livestock standards; these include sow stall and tether systems, battery hens, force-feeding of geese and ducks for foie-gras and rearing of calves for white veal.

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Genetic Engineering

We do not permit the use of genetically modified (GM) crops, animals, ingredients, or additives within Co-op brand products.

Growth Promoters

In all own-brand meat, fish and poultry products, the use of artificial substances specifically to promote abnormal muscle growth is not allowed.

Pre-stunning

All meat, fish and poultry sold by Co-op are produced to strict standards of animal welfare. All ownbrand fresh and frozen meat, poultry and farmed finfish sold in Co-op stores have been humanely stunned prior to slaughter. All abattoirs and processing plants supplying our own-brand products are required to work to the standards laid down by our strict animal welfare requirements as well as the Humane Slaughter Association in their Codes of Practice. No own branded Co-op fresh and frozen British meat or poultry is Halal certified or slaughtered in a ritual method. All our animals are humanely stunned prior to slaughter, whilst the abattoirs and processing plants which supply our own-brand products are required to work to the standards laid down by Co-op's strict animal welfare requirements, as well as the Humane Slaughter Association's codes of practice.

We do sell some non-Co-op branded Halal certified meat in a small number of stores where there is sufficient demand, but again this is all stunned prior to slaughter.

Mutilation

All meat, fish and poultry sold under The Co-op brand are produced from livestock reared to strict standards of animal welfare and must be accredited to one of the national Farm Assurance Schemes controlled by Assured Food Standards, which allows meat to display the Red Tractor Logo (or equivalent) as a minimum. The rules set out by RSPCA Assured must also be adhered to, to allow the use of logo. We do not permit the routine mutilations of farm animals or fin clipping in our finfish, it would only be allowed under derogation from relevant assurance body and with veterinary approval that there is an animal welfare issue that requires this action. We are committed to working with our supply base to reduce the incidence of tail docking for Pigs and beak trimming for Poultry, which is undertaken under veterinary advice to a minimum. In all cases, we will follow the direction of the vet where these challenges exist; however, our long-term aim is to reduce these practices further.

Travelling/Transport

We ensure our supply base keep live animal transportation to a minimum and avoid unnecessary longdistance travel. We specify specific transportation limits with each livestock standard. Overall a maximum transport time of 8 hours is permitted across our supply chain with key targets in place for all species. This data shown below in the Species Specific Sections is reviewed through monthly data collection from our supply chain, which is uploaded onto our animal welfare platform.

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Welfare Data and targets

What are our targets?

We record data from our supplying protein farms monthly, and dairy, beef & lamb farms quarterly. We then review progress against agreed key performance indicators (welfare inputs, outcome, and quality measures). Action is taken when targets are not met where we work collaboratively with our supply base and farmers to improve performance every quarter through joint business plan meetings. An active action plan is driven by our Continuous Animal Welfare Improvement plans for each sector.

Within our published Co-op Way (CSR) <u>report</u>, we report on the progress of our farm animal welfare commitments as well as publishing them within this document, which is available on our website.

Some of our targets include:

- Identify opportunities to deliver further benefits for animal welfare, on-farm efficiencies, and product quality. Lead on the responsible use of antibiotics within our supply chain and help educate our supply chains in best practice.
- Maintaining Tier 2 for Business Benchmark on Farm Animal Welfare.

How do we manage, monitor, and implement animal welfare improvement?

We have a dedicated farming & fisheries team who work closely with all our suppliers and farmers. We collaborate with industry experts such as The Andersons Centre, ADAS and AB-Sustain to engage with our farming groups. They continue in their development through academies and attendance at industry events, workshops in animal welfare and engagement with welfare organisations such as RSPCA and Compassion in World Farming. We actively promote our supply base to follow similarly and ensure their team are adequately trained and have in place a professional team to meet the requirements of welfare regulations at the time of killing and associated standards. Follow the work of The Co-op Farming and Food team at @coopagrimatters.

We have continuous animal welfare improvement plans for each species, which is owned by the dedicated agricultural manager and reviewed quarterly with the suppliers and industry experts. We work together to identify areas of improvement and create an action plan for each farming group, the following are included in our reviews:

- Review of animal welfare KPI data
- Review of welfare standards
- Welfare benchmarking (such as <u>CIWF</u> & <u>BBFAW</u>)
- Customer research
- Competitor benchmarking
- Research and development project data
- Overall SWOT analysis

We have a detailed species-specific sourcing policy in place where all meat and fish must be sourced against our animal welfare standards.

All meat, poultry, eggs & milk sold under The Co-op own label brand are produced from livestock reared to strict standards of animal welfare and must be accredited to one of the national Farm Assurance Schemes controlled by Assured Food Standards, which allows meat to display the Red Tractor Logo (or equivalent) as a minimum. In addition, we source chicken, beef, pork, lamb and liquid milk and salmon through our Farming Group models as detailed <u>earlier</u>.

All our farms within our Farming Groups are registered on our farming group platform. Data is collected monthly or quarterly for health & welfare KPIs for input, outcome, and quality measures. The agricultural team analyses this data, taking any necessary actions and communicates performance to the business.

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All suppliers must notify us of any audit failures, compliance issues, and proven or investigated breaches in legislation or welfare standards. Once reported, we review on a case by case basis and put in place an appropriate management action plan where necessary.

The Co-op has created an internal management structure to assist the Farming & Fisheries team in improving animal welfare. The Farming & Fisheries team work closely with the Policy and Social Goals teams who are multi-disciplinary, we also draw from a broad base of internal and external stakeholders such as <u>ADAS</u> and <u>The Andersons Centre</u> and represent a holistic business approach to this vital issue. These teams fulfil the roles of analysing and interpreting scientific data as well as having policy and decision-making powers based on the outputs of these analyses.

At Co-op, we have developed an internal risk assessment process to ensure all our fish and aquaculture is responsibly sourced. This process incorporates third party certification as well as the latest scientific advice regarding the status of fish stocks and their management as well as the environmental impact of the fisheries and farms from which we source. We review new sources, and we hold monthly Fish Sourcing Decision Forum forums to discuss key seafood industry topics, these meetings will enable us to ensure we have considered the welfare and environmental risk elements of our seafood sourcing.

The Co-op operates a stage and gate process for all produces being launched into our business. At critical stages of this process adherence to the Co-op strict sourcing criteria in particular animal welfare, origin, adherence to codes of proactive and fish sustainability are checked before they continue through the product development process to launch in Co-op stores. This process ensures we meet our strict ethical standards for our supply chain.

Animal Welfare Policy – Species Specific Welfare

Beef

All our fresh own-brand Fresh & Frozen beef is British in all our Co-op branded products and when included as an ingredient. In our Irresistible range, we work with 44 farmers who supply us with Hereford and Aberdeen Angus beef from Northern Ireland, Scotland, Wales, and England. These groups were formed in 2013 and meet regularly throughout the year to discuss a range of topics with a particular focus on animal welfare, environmental impact, and farm efficiency. Meeting with our farmers regularly enables us to create long-term relationships with our agricultural partners, as well as sustainable and transparent supply chains. All our farmers who rear beef for the Co-op from Standard to Irresistible do so to <u>Red Tractor</u> or equivalent schemes. Farming group members work to the Co-op Agricultural Pillar Model and submit welfare KPIs every quarter directly to our online KPI platform.

Through our knowledge exchange activity, we provide regular updates to the members of what is expected from them in order to meet the Co-op pillars.

To further ensure quality, a continual animal welfare improvement plan is in place for beef and reviewed quarterly by our dedicated agricultural manager alongside our suppliers. Through this plan, our team can monitor and upkeep the health of the animals, confirming that the farmers meet all standards. Our dedicated agricultural manager also completes on-farm audits throughout the year by working with an external auditing company.



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Beef Welfare Data

As the carcases are processed at the abattoir, they are inspected by an independent staff member from the FSA who will record and assess cases of Active Fluke and Pneumonia. Pneumonia is assessed in the lungs and Fluke assessed in the liver. We have seen a slight fall in the number of active fluke cases and a levelling of pneumonia cases, both are attributed to weather conditions. We encourage farmers to act upon this based upon feedback they receive on cases from the abattoir





Confinement

100% of our cattle for Beef are free from confinement in our own brand products which makes up 81% of our total supply (Scope: Fresh & Frozen Beef, Ready To Cook, Cooked Meats)

Grazing

Co-op's fresh and frozen beef is 100% British sourced. The mainstay of British beef is grass based production and grass makes up the majority of an animal's diet over its lifetime. We continuously look at ways to improve the quality of beef even further and work with a number of farmers across all four nations of the UK. A particular focus of ours is looking at how farmers manage their pasture for both the animal and the environment.

100% of our beef cattle are grazed this cover 81% of our total supply (Scope: Fresh & Frozen Beef, Ready To Cook, Cooked Meats, Ready To Cook)

Pre-stunning and Ineffectively stunning

Co-op's own label fresh and frozen beef in all products are 100% British sourced, which makes up 81% of our total supply. Therefore, in line with UK regulations, Red Tractor Assurance and the Humane Slaughter Association regulations it is required that pre stunned before slaughter. Ineffective stuns make up 0.5% in our Scottish supply and 0.314% in our British Supply. (Scope: Fresh & Frozen Beef, Ready To Cook, Cooked Meats)

Environmental Enrichment

As Co-op's fresh and frozen beef is 100% British sourced in our own brand products which makes up 81% of our total supply we feel the best form of species specific environmental enrichment is grazing which we encourage all our farmers to do as discussed above. Cows are heard animals so keeping the cattle together in groups allows them to express natural behaviours, we also encourage our farmers to install cow brushes for additional enrichment.(Scope: Fresh & Frozen Beef, Ready To Cook, Cooked Meats)

Mutilation

100% cows in our own brand products which makes up 81% of our total supply are free from tail docking (Scope: Fresh & Frozen Beef, Ready To Cook, Cooked Meats)

We source from <u>Red Tractor</u> assured farms which has clear rules and guidance that govern livestock husbandry procedures such as castration, disbudding and dehorning.

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Beef Transport Times

Co-op's fresh and frozen beef is 100% British sourced, therefore in line with UK regulations and as per the Red Tractor assurance scheme and the Humane Slaughter Association which we adhere to, it is transported in under 8 hours, as shown by the graph below within our supply chain this averaged 2.10 Hours between 2016 and 2021 in our own brand products which makes up 81% of our total supply (Scope: Fresh & Frozen Beef, Ready To Cook, Cooked Meats)



Chicken

We launched our chicken farming group in 2013 and working closely with 25 farmers. These farmers supply 100% fresh British chicken to our stores. Moreover, we meet with our farmers twice a year to share best practice and improve animal welfare.

All our-own label brand chicken is reared to <u>Red Tractor</u> standards which ensure quality and upkeep by providing environmental enrichment for the birds, enabling them to exhibit natural behaviour.



This includes:

- Providing perching and pecking objects that encourage natural behaviour such as straw bales
- Having windows in the sheds to allow natural daylight in
- Feeding the chickens, a balanced diet that promotes good health
- Giving the birds periods of darkness to allow them to rest.
- 3% of our chickens have lower stocking densities (specifically, 27.5 kg/m2 or less)

Our Free-Range chicken is sourced from farms across the South-West areas of England. All Co-op Free Range chickens are grown on RSPCA approved farms which makes up around 2% of our own label supply. They are slower growing breeds stocked at a lower stocking density which meets legislation (27.5Kg/sqm + 1sqm range). Per 1000 birds they have 1.5 standard sized, long chopped straw bales for pecking or sitting on, 2m of perching space and 1 pecking object; all these being provided to allow them to express their natural behaviour. Litter in the housing must be at least 5cm deep and there must be natural lighting. The birds must have access to range for at least half their life and must consist of pasture mostly covered by living vegetation to allow them to show foraging behaviour. The range must also provide a minimum of 5% of shelter in the form of trees or shrubs and must provide dust bathing facilities of at least 2 areas with each area supporting 2,000 birds.

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Since launching the group in 2013, we have continually worked with our producers to improve the health of birds in our supply chain. We have now finished our project on QBA (<u>Qualitative Behavioural</u> <u>Assessment</u>.) We have now included this in our Co-op farming pillars so that our producers can use it to help them have a better understanding of the behaviour of their flocks and to allow for a more unified approach to flock management to be implemented. We have now gifted this training module to the Chicken industry, and we are pleased that <u>Poultec Training Limited</u> has decided to include this as part of their training package. A continual animal welfare improvement plan is in place for all farming groups and reviewed quarterly by our dedicated agricultural manager alongside our suppliers.

Chicken Welfare Data

Hock marking and pododermatitis (podo) are two conditions of contact dermatitis that cause a significant challenge for the broiler industry. The development of hock marking, and footpad lesions can potentially cause discomfort for the bird. Hock marking and Pododermatitis are used as indicators for bird welfare on growing farms and are therefore monitored regularly. Overall, we have seen a reduction on level of Pododermatitis and Hock Marking. Through close focus on these areas with our supply base with particular focus on litter quality management we have been able to see improvement.





Confinement

100% of our broiler chickens are cage-free in our own brand products which makes up 79% of our total supply (Scope: Fresh & Frozen Chicken, Ready To Cook, Cooked Meats)

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Pre-stunning and Ineffectively stunning

Co-op's fresh and frozen chicken is 100% British sourced, therefore in line with UK regulations, Red Tractor and the Humane Slaughter Association it is pre stunned before slaughter in our own brand products which makes up 79% of our total supply (Scope: Fresh & Frozen Chicken, Ready To Cook, Cooked Meats) We use a Controlled Atmosphere Killing system (CAK) which kills the birds using Co2. Electric stunning is only used as an emergency backup. In 2020 this was used for less than 4.5 days which meant our ineffective stun was recorded at 0.0002%.

Environmental Enrichment

100% of our broiler chickens have access to species specific environmental enrichment our own brand products which makes up 79% of our total supply, this covers straw bales, perches, windows and manipulable material such as straw, hay, wood, sawdust (Scope: Fresh & Frozen Chicken, Ready To Cook, Cooked Meats)

3% of our broiler chickens are Free Range & RSPCA Assured this means these birds have additional environmental enrichment in the form of access to outdoor range's which has trees, frames for outdoor shade and outdoor perching

Mutilation

100% of broiler chickens are free from beak trimming and tipping in our own brand products which makes up 79% of our total supply (Scope: Fresh & Frozen Chicken, Ready To Cook, Cooked Meats)

Antibiotics

Our desire is to grow birds without using antibiotics but there are times when not to treat birds would be deemed unacceptable as bird welfare would suffer. Antibiotics are only prescribed when authorised by the vet following farm visit and post- mortem and the issuing of a prescription. The use of antibiotics is monitored, and our aim is to decrease the use and stay below the RUMA (Responsible use of medicines in agriculture alliance) target for poultry of 25mg/PCU. The use of CIA's (Critical Important Antibiotics) is not allowed.

Chicken Transport Times

Co-op's fresh and frozen standard chicken is 100% British sourced, therefore in line with UK regulations and as per the Red Tractor assurance scheme and the Humane Slaughter Association, it is transported in under 8 hours, as shown by the graph below within our supply chain this averaged 2.9 Hours between 2016 and 2021 in our own brand products which makes up 79% of our total supply. 3% of Co-op's Fresh chicken is Free Range RSPCA Assured and this is transported in under 4 hours as set out by the assurance scheme. (Scope: Fresh & Frozen Chicken, Ready To Cook, Cooked Meats) D.O.A is a record of Dead On Arrival, this records the number of birds that have died during transport. We monitor these numbers so that we can assess the impact of live transport and ensure that stress to the animals is reduced as much as possible. In chicken this had been an area of focus for a number of years, it is now at such a low level it is no longer an issue for the sector currently recording less than 0.1% for the past 6 years.



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Welfare Review

All our farmers are committed to providing the best welfare possible for the birds in their care. Outcome measures including welfare related ones are monitored and discussed with senior management. The aim for Co-op and 2SFG is that we show an improving trend on all outcome measures under normal conditions. 2SFG is working with the whole supply chain on various initiatives which will help support this both practically and through a more pro-active use of the outcome measures data.

We regularly carry out KPI reviews throughout the year with our suppliers and involve the farmers within our supply chain to discuss where we are seeing improvements and knowledge share success, but also create action plans where we are seeing challenges. The KPI's we collect are vital to allow us to understand what is happening within our supply chains and as part of these reviews we also review the measurables of each KPI. Each KPI must give us data that we can action and measure success on and through the close relationship we have with our suppliers and farmers we can understand which KPI's aren't giving purpose but also what are the new KPI's and measurables that we may need to incorporate to provide richer information.

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Dairy

All our milk, fresh cream, and milk used for block butter, cheddar and UK yoghurts are 100% British.

Our dedicated Dairy Farming Group works with around 170 farmers and launched in 2011. It produces milk to <u>Red Tractor</u> standards and aims to improve animal welfare through the monitoring of herd health and proactive husbandry practices. We have additional policies that cover grazing and prohibit export and euthanasia



of dairy bull calves; our grazing policy requires dairy cows and followers to have access to pastures during the grazing season. The duration and proportion of the herd grazed should be subject to the advice of a vet or nutritionist and should consider the grazing and weather conditions.

All farms are required to participate in an annual Farm Assessment carried out by an Independent Auditor to our Dairy Pillar Model. When all assessments have been completed, a benchmarking ranking analysis is carried out which will identify CDG farms Exceeding, Achieving and Partially Achieving into percentage bandings.

We require our dairy farmers to mobility score, and body condition score their whole herd four times per year. A validation process is undertaken during the annual Farm Assessment. Each farm must have an active Herd Health Plan in place to cover Tuberculosis (TB), Johnes and BVD (Bovine Viral Diarrhoea) We also require dairy farmers to submit KPI data quarterly, which is also validated through the on-farm assessment.

Each regional farmer group within the Co-op Dairy Group meets on-farm three times per year to share best practice, Industry experts join them and identify areas where they can improve the welfare of their herds. Previous topics that have been of primary focus are calf health, reducing lameness, responsible use of antibiotics and cow comfort.

Integrated Calf Scheme

Co-op is committed to the integration of our dairy & beef supply chain. The Co-op Calf Scheme is a unique integrated beef production scheme that was launched in September 2015 and connects Co-op Dairy Group (CDG) farmers with beef producers to ensure that calves produced on our dairy farms can be retained within the Co-op supply chain. The scheme provides an outlet for all calves from dairy farms within the CDG, including continental, native, and pure-bred dairy bull calves. Pure-bred dairy bulls have historically been considered a waste product of the dairy industry, as they are unable to produce milk and are unsuitable for commercial beef production due to the lack of meat yielded. Dairy bull calves on Co-op farms now have a dedicated supply chain where all calves are reared to a strict protocol to ensure that they reach peak condition within a protected environment.

We require all dairy products to be sourced from farms that are accredited to Red Tractor or equivalent, and in 2017 we introduced a standard to cover buffalo milk sourced from Italy for our Co-op Mozzarella. A continual animal welfare improvement plan is in place for dairy and is reviewed quarterly by our dedicated agricultural manager alongside our suppliers. On-farm visits are also completed by our agriculture manager and team throughout the year.

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Dairy Welfare Data

Co-op Dairy Group farms monitor the mobility of their herds closely, focus on cow comfort and use preventative health care to maintain high level of mobility in their herds. We use a recognised dairy industry standard. The scoring system is explained below with 0 being the best and 3 being room for improvement:

• Score 0: walks with even weight bearing and rhythm on all four feet, with a flat back

• Score 1: steps uneven (rhythm or weight bearing) or strides shortened; affected limb or limbs not immediately identifiable

• Score 2: uneven weight bearing on a limb that is immediately identifiable and/or obviously shortened strides, usually with an arched back.

• Score 3: unable to walk as fast as a brisk human pace and cannot keep up with the healthy herd, also signs of score 2.

Overall, we have seen an improvement in the mobility score of the dairy cows across our group. There has been an ongoing focus in our group on mobility scoring by encouraging members to take part in accredited training.



Mastitis is the inflammation of the mammary gland and udder tissue. It usually occurs as an immune response to bacterial invasion of the teat canal by variety of bacterial sources present on the farm,



Somatic cell count (SCC) is an indicator of the quality of milk and animal welfare. Exceptionally high cleanliness and hygiene standards in the Co-op Dairy Group farms deliver consistently high-quality milk with low levels of mastitis. SCC levels are slightly higher in the summer months due to changeable weather conditions. We have seen positive improvements across SCC and mastitis within the group since the establishment in 2011. Next steps are to use the data to focus on individual members who may need further support in improving these levels, we have begun this process by offering online masterclasses on mastitis. We operate a continuous improvement model for our Co-op dairy group. Farmers are annually assessed to ensure they continuously progress their business in areas such as animal welfare and environment targets. Good progress has been made across key animal welfare

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areas, such as lameness, mastitis, SCC, and antibiotic usage. We have now reached a stage by using this model that the group are consistently performing well; we now want to take the opportunity to refine key areas.



Confinement

100% of the British dairy cows in our own brand products and branded products which makes up 43% of our total supply are free from tethering in line with the Red Tractor Dairy Standard (Scope: Own brand & branded fresh milk, fresh cream, cheddar cheese, butter, yoghurt. Excluding continental dairy products)

Grazing

Dairy cows and followers should have access to pasture during the grazing season. During this period, a proportion of the milking herd should have access to adequately sized paddocks, accommodating the required stocking density for that part of the herd at grazing. What proportion of the herd this is should be subject to the advice of the vet or nutritionist and should take into account grazing and weather conditions. The number of days and percentage of herd grazed is measured quarterly for our Co-op Dairy Farming Group and validated through an annual independent farm assessment.

The majority of the Co-op Dairy Group (CDG) will fall into the category of seasonal pasture, as defined by <u>Compassion in World Farming</u> (CIWF), which means that they are housed in sheds or yards with access to pasture throughout the grazing season. Due to animal welfare reasons, a small number of herds are included in the CIWF restricted pasture category (i.e. housed in sheds with limited access to pasture, e.g. at restricted periods during the grass growing season or at certain stages of production).

If a Co-op Dairy Group member operates a restricted pasture system, then we require independent documented evidence of the reasons why this decision improves the animal welfare of the dairy herd. This is submitted annually and signed by the farm's vet or nutritionist. We pride ourselves on working with our dedicated farmers on a farm-by-farm basis to ensure that the decision of the duration of grazing is based on animal welfare with the considerations of weather conditions, infrastructure, and the type of farming.

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Environmental Enrichment

100% of the British dairy cows in our own brand products and branded products which makes up 43% of our total supply have access to species specific enrichment such as bedding that is made up of a mattress or matting including straw & hay. The Co-op supports its dairy farmers with a better milk prices, this allows them to invest in their farms. Many of our farmers have added items such as cow brushes in their buildings and wider cubicle areas to improve the environment for their animals whilst indoors. Grazing is encouraged as a species-specific enrichment in our dairy group and we track this through our KPI's in our farming groups. Dairy cows like all cattle are herd animals so all cows are kept together in herds to encourage social interactions, this is another form of species-specific enrichment. (Scope: Own brand & branded fresh milk, fresh cream, cheddar cheese, butter, yoghurt. Excluding continental dairy products)

Mutilation

100% of the British dairy cows in our own brand products and branded products which makes up 43% of our total supply are free from tail docking. in line with the Red Tractor Dairy Standard (Scope: Own brand & branded fresh milk, fresh cream, cheddar cheese, butter, yoghurt. Excluding continental dairy products)

We source from <u>Red Tractor</u> assured farms which has clear rules and guidance that govern livestock husbandry procedures such as castration, disbudding and dehorning.

Dairy Transport Times

As Co-op own label milk is 100% British sourced, we require all our farmers to adhere to the Red Tractor Assurance scheme for Dairy, this covers branded products as well. This means that all cows are transported in under 8 hours, 43% of our total supply is confirmed British (Scope: Own brand & branded fresh milk, fresh cream, cheddar cheese, butter, yoghurt. Excluding continental dairy products)

Eggs & Laying Hens

We are very proud that all our shell eggs have been 100% free range since 2008, we also moved our eggs as an ingredient to 100% free-range in 2010 whilst also being British and farmed to <u>RSPCA</u> <u>Assured</u> standards. All branded eggs must also be 100% free range to be stocked in the Co-op.

During 2016, we launched our Egg Farming Group to work more closely with our farmers; we currently work with 5 farms who supply us with free range eggs. Based in Scotland and the North of England, we meet with these farmers twice a year to cover a range of topics that encourage the sharing of best practice and ways to improve animal welfare on farm. Our farmers work to the Co-op Agricultural Pillar Model by submitting welfare KPIs.



Since the inception of the group we have been working with producers on various projects to improve bird health, this has been spearheaded by a project to assess keel bone damage across the flocks and look at ways of improving the environment to minimise this. We have also conducted a project on perching provision with our supply group to look at current perching provision on-farm and opportunities to improve availability.

We continually work with our farmers to improve animal welfare across the supply chain and is reviewed quarterly by our dedicated agricultural manager alongside our suppliers. On-farm visits are also completed by our agriculture manager and team throughout the year.

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Laying Hens Welfare Data

Feather coverage recording allows for a clearer picture to be made in understanding levels of stress within the flock as well as pain and discomfort. It is also linked to cannibalism within flocks. Average Flock Age is a recording that indicates how long the birds in our supply chain are laying eggs. This data allows us to create links to any health issues on farm as well as understanding reasons for drop in supply. Increases in average flock age mean a longer life for the birds in our supply base. Higher welfare systems allow the birds to live longer healthier more enriched lives so is a good indication of progress.





Confinement

100% of our Laying Hens Including branded are cage-free, this covers 100% of our supply chain as well as ingredients when used in our own brand product. (Scope: Own Label & Branded Shell Eggs)

Pre-stunning and Ineffectively stunning

Since 2015 100% of our birds have been subject to pre-slaughter stunning. No birds within our supplychain are subject to repeat or back up stunning, as 100% of the birds are stunned as part of the process of using either single or multi-phase controlled atmosphere gassing systems. This covers 100% of our supply chain as we cover own label and branded shell eggs with our free range, RSPCA Assured requirements. (Scope: Own Label & Branded Shell Eggs)

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Environmental Enrichment

100% of Laying Hens have access to species specific environmental enrichment our own brand and branded shell eggs which makes up 100% of our total supply, this covers straw bales, perches, and manipulable material such as straw, hay, wood, sawdust. As we are 100% Free Range, laying hens also have access to the outdoor range which has trees, frames for outdoor shade and outdoor perching (Scope: Own Label & Branded Shell Eggs)

Mutilations

100% of our Laying Hens Including branded are not beak tipped after the age of 24hours, this covers 94.5% of our supply chain. (Scope: Own Label Shell Eggs)

100% of our Organic Eggs are free from beak trimming and are not beak trimmed this covers 5.5% of our supply chain. (Scope: Own Label Shell Eggs)

Working in partnership with our suppliers and farmers will look to reduce the reliance on Infra-red beak trimming though a combination of management techniques, genetic improvement, and breed selection. Our target is to move away from beak trimming completely but need to ensure it is carried out in line with best practice and industry standards.

Laying Hens Transport Times

Co-op's shell eggs are 100% British sourced, therefore in line with UK regulations, Red Tractor, RSPCA assurance scheme's and the Humane Slaughter Association, the laying hens are transported in under 8 hours, as shown by the graph below within our supply chain this averaged 3.2 Hours between 2016 and 2021 in our own brand products which makes up 48% of our total supply (Shell eggs) D.O.A is a record of Dead On Arrival, this records the number of birds that have died during transport.

We monitor these numbers so that we can assess the impact of live transport and ensure that stress to the animals is reduced as much as possible. In laying hens this had been an area of focus for a number of years, it is now at such a low level it is no longer an issue for the sector currently recording less than 0.1% for the past 4 years. (Scope: Own Label Shell Eggs)





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Welfare Review

All our farmers are committed to providing the best welfare possible for the birds in their care. Outcome measures including welfare related ones are monitored and discussed with senior management. The aim for Co-op and 2SFG is that we show an improving trend on all outcome measures under normal conditions. 2SFG is working with the whole supply chain on various initiatives which will help support this both practically and through a more pro-active use of the outcome measures data.

We regularly carry out KPI reviews throughout the year with our suppliers and involve the farmers within our supply chain to discuss where we are seeing improvements and knowledge share success, but also create action plans where we are seeing challenges. The KPI's we collect are vital to allow us to understand what is happening within our supply chains and as part of these reviews we also review the measurables of each KPI. Each KPI must give us data that we can action and measure success on and through the close relationship we have with our suppliers and farmers we can understand which KPI's aren't giving purpose but also what are the new KPI's and measurables that we may need to incorporate to provide richer information.

Lamb



We are the only major retailer to sell 100% fresh British lamb all year round. We work with 25 farmers across Northern Ireland, Scotland, Wales, and England to ensure the availability of high-quality British lamb 365 days of the year.

The lamb Farming Group places a sharp focus on animal welfare, environmental impact, and farm efficiency. This has helped to create long-term relationships with our agricultural partners, as well as sustainable and transparent supply chains. All our farmers rear the lamb to <u>Red</u>

<u>Tractor</u> standards or equivalent schemes, and work to the Co-op Agricultural Pillar Model, submitting welfare KPIs every quarter.

We have additional requirements that are in place to protect the welfare of the animals. For example, no lambs should be sourced directly from a livestock market. A continual animal welfare improvement plan is in place for the lamb industry and is reviewed quarterly by our dedicated agricultural manager alongside our suppliers. On-farm visits are also completed by our agriculture manager throughout the year.

Lamb Welfare Data

Lambing percentage and Lambs Weaned is used to show the number of ewes lambed and number of lambs born (including dead). This has only recently started to be collected as we have updated our KPI requirements.

We focus on lambing % and lambs weaned/100 ewes to enable us to monitor welfare of both ewes and lambs throughout the year. In our groups we have a mixture of both upland and lowland farmers, which results in varying scanning percentages. In 2021 we have seen a slight reduction in overall lambing % however if we compare this figure to number of lambs weaned in 2021, the group's overall performance has increased.

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Confinement

100% of our Lambs are free from confinement, this covers 100% of our total supply chain as we have no branded lamb products in the Co-op.

Grazing

Co-op's fresh and frozen lamb is 100% British sourced. The mainstay of British lamb is grass based production and grass makes up the majority of an animal's diet over its lifetime. We continuously look at ways to improve the quality of lamb even further and work with a number of farmers across all four nations of the UK. A particular focus of ours is looking at how farmers manage their pasture for both the animal and the environment.

100% of our Lambs are grazed this cover 100% of our total supply chain as we have no branded lamb products in the Co-op. (Scope: Fresh & Frozen Lamb)

Pre-stunning and ineffective stunning

Co-op's own label fresh and frozen lamb in all products are 100% British sourced, which makes up 100 % of our total supply. Therefore, in line with UK regulations, Red Tractor Assurance, and the Humane Slaughter Association it is required that all lamb are pre stunned before slaughter. Ineffective stuns make up 0.314% in our supply. (Scope: Fresh & Frozen Beef, Ready To Cook, Cooked Meats)

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Environmental Enrichment

100% of our lambs in our own brand products which makes up 100% of our total supply have access to species specific enrichment such as pastural grazing, sheep are herd animals so all sheep are kept together in flocks, this encourages social interactions. (Scope: Fresh & Frozen Lamb)

Mutilations

100% of our Lambs are free from mulesing this cover 100% of our total supply chain as we have no branded lamb products in the Co-op. (Scope: Fresh & Frozen Lamb)

We source from <u>Red Tractor</u> assured farms which has clear rules and guidance that govern livestock husbandry procedures such as castration, disbudding and dehorning.

Lamb Transport Times

Co-op's fresh and frozen lamb is 100% British sourced, therefore in line with UK regulations, Red Tractor assurance scheme and the Humane Slaughter Association, it is transported in under 8 hours, as shown by the graph below within our supply chain this averaged 1.2 Hours between 2016 and 2021 in our own brand products which makes up 100% of our total supply (Scope: Fresh & Frozen Lamb)



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Pork



We are very proud to offer our customers Outdoor Bred, <u>RSPCA Assured Pork</u> across both of our tiers of fresh pork, bacon, sausage, gammon and ham along with a small percentage of Red Tractor product. We work closely with <u>Red Tractor</u> and RSPCA Assured to ensure our pigs are reared to the highest welfare standards. Both breeding and finishing pigs have access to full environmental manipulable enrichment such as straw, so they can express natural behaviours such as rooting and toys in the form of rope and balls so they can play. Moreover, we build upon these

welfare standards by requiring our co-op producer group farmers to work to our Farming Group pillar model.

The Co-op Pork Farming Group works with around 42 farmers and puts a firm focus on the development of the industry through KPIs and continuous improvements into animal welfare. Input, outcome, and quality measures are collated from farms every month, and are reviewed quarterly by our agricultural manager, along with the suppliers and farmers. Each of our farmers has experienced the benefits to their business and animals from consistent reviews and monitoring of the data. The Co-op Pork Group offers the farmers opportunity to share ideas, knowledge, and best practice.

The group focuses on the people who we are proud to say that 100% of our pork at the Co-op is British; this includes all our fresh pork, sausages, bacon, gammon, pork pies, scotch eggs, and ready meals. The support for our British pork farmers is a fantastic position to be in, and our farmers feel that our commitment to them and their businesses has cemented the Co-op values that we all share throughout the supply chain.

In 2020 The Co-op was proud to receive <u>Compassion In World Farming</u> (CIWF) <u>Cage Free Award</u> for our work on Outdoor Bred Pork and Free Range Chicken, we have worked closely with CIWF to achieve this award and moving forward, we are going to be making further improvements to our pork supply chains.

In 2021 we identified the need to bring in a value pork range to support our customer's, we have called it <u>Honest Value</u>. We made sure that the quality in this range did not suffer due to the cheaper price point, that's why almost all the pork products in this range remained Outdoor Bred & RSPCA Assured. At this time our bacon, ham & gammon in this range could not be sourced in line with the existing outdoor bred standards, therefore it is being produced to standard indoor British Red Tractor temporarily, whilst we transition back to higher welfare by 2023 or earlier in line with our CIWF <u>Good</u> <u>Pig Award</u>. The bacon, gammon & ham products make up around 3% of our own brand supply whilst the remaining 97% is Outdoor Bred & RSPCA Assured

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Continental Meats

The use of authentic ingredients is very important to our customers and this is especially true with our authentic continental meats such as Spanish chorizo, German salami, Italian Parma ham and prosciutto and Belgian Pate. These authentic products are sourced from known and approved supply chains subjected to independent inspection by UK certification body and verification protocols.

We work closely with our continental meat supplier, <u>Winterbotham Darby</u> and their farmers to ensure that animal welfare is constantly monitored and improved.

Winterbotham Darby have developed and launched an <u>UKAS</u> accredited standard <u>EFP European Farm</u> <u>Partnership - Pig Module</u> which is the first pan-European accredited standard for welfare. The standard comprises of three tiers of bronze, silver and gold and addresses the main challenges of pig production (mutilations, confinement, and environmental enrichment). What is unique with the pig module is that it covers the entire element of the supply chain; breeding (freedom farrowing, extra space, bedding and natural environmental enrichment), rearing, finishing, transport and slaughter. It also takes into account health & welfare (space, light no / reducing surgical procedures) antibiotic usage & medicine, feed, veterinary procedures, biosecurity, and pest control. The Authenticate platform is used to manage the supply chain on all Co-op "ring fenced" welfare schemes. All finished products are mapped back to farms and a significant number KPIs are collated to ensure monitoring of animal welfare.

Current animal welfare research and development projects are underway including freedom farrowing trials with different designs and on different production systems. Trials are continuing to achieve the commitment of non-confinement.

Pig Welfare Data

Tail biting in pigs can occur from aspects related to manipulable materials (or lack of), instances of poor health, genotype (including gender), competition within the herd, as well as herd size. Changes in the pig environment (temperature and feed) can also impact tail biting. Environmental enrichment such as straw and toys can help divert the pig's attention away from tail biting. Providing environmental enrichment is fundamental and an absolute requirement in the RSPCA and Red Tractor Standard. We monitor tail biting instances in our pork supply chain to identify trends and encourage improvements. We are working with our pork supplier on projects that aim to reduce or eliminate tail biting instances

Throughout 2018 to 2020 there have been various projects carried out relating to pig behaviour and the prevention of tail biting.

• Fixed Cameras Trials -The use of CCTV allows us to look closely at pig behaviour. The footage has provided us with knowledge to advise famers on management factors, including avoidance of tail biting.

• Feed Additives - Utilization of feed additives when pigs begin to show aggressive behaviour to prevent a tail biting outbreak.

• Genetics Trials - Wean to finish trials have been conducted to evaluate the physical and behavioural performance and carcass characteristics of various sire lines. Positive behavioural and performance data was collected which led to a decision to roll out a change in genetic lines onto our breeding herds. This roll out continues to be monitored.

• Piglet Health - Various projects are ongoing seeking to improve piglet health and quality. Such as improving gut health of piglets.

• Fibre levels - A trial was conducted to investigate varying fibre levels on pig performance and behaviour, higher fibre level diets are now available as option to prevent tail biting.

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Lameness in pigs can be caused through the pig's environment or through infection, we thoroughly inspect the pigs in our farming group and since the move to Outdoor Bred the cases have dropped. The continual reduction in lameness % is due to two contributing factors:

1. Technological advances within the supply chain has led to improved accuracy of data submission which has shown a welcomed reduction of lameness in pigs.

2. The move to ODB pork comes with changes in pig management and Welfare Standards such as the requirements of manipulable material (i.e. straw) and increased stocking densities. This means the pigs have more space to roam freely and with added materials to play with and root in, pigs become less likely to tail bite. As tail biting can consequently lead to lameness, this has had a positive impact of the reduction of lameness with the move to 97% ODB pork.



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Confinement

Gestation / Farrowing crates are not permitted in RSPCA Higher Welfare systems. Instead, sows live outdoors and are provided with their own individual paddock approximately a week prior to farrowing. Sows are also provided with individual shelters within their paddocks, commonly known as 'arcs'. These arcs provide a warm and sheltered area. The arcs are bedded with straw, allowing extra comfort and warmth. Sows will farrow their young in the arcs, however, always have totally free movement around the paddock area. The piglets will stay with their mother for 4 to 5 weeks before they are weaned and transported to finisher accommodation.

100% (96.5% RSPCA / 3.5% Red Tractor) of the UK farrowing Pigs are free from confinement in our own brand products which makes up 43% of our total supply (Scope: Fresh & Frozen Pork, Ham, Sausage, Bacon, Ready To Cook)

100% (96.5% RSPCA / 3.5% Red Tractor) of the UK fattening pigs are free from confinement in our own brand products which makes up 43% of our total supply (Scope: Fresh & Frozen Pork, Ham, Sausage, Bacon, Ready To Cook)

Pre stunning and ineffective stunning

All pigs are currently stunned using CO2. The effectiveness of pre-slaughter stunning is monitored for all processed pigs. It is essential that all pigs are treated humanely throughout their lives and welfare is at the forefront of this. 100% of the pigs Co-op source receive appropriate pre-stunning treatment prior to processing.

The effectiveness of pre-slaughter stunning is monitored for all pigs processed for Co-op. In 2019 and 2020, 100% of pigs processed were effectively stunned.

100% (97% RSPCA / 3% Red Tractor) of the UK Pigs are stunned before slaughter in our own brand products which makes up 43% of our total supply (Scope: Fresh & Frozen Pork, Ham, Sausage, Bacon, Ready To Cook)

Environmental Enrichment

100% of the UK Pigs have access to species specific environmental enrichment including straw, hay, wood, sawdust, peat in our own brand and branded products which makes up 43% of our total supply (Scope: Fresh & Frozen Pork, Ham, Sausage, Bacon, Ready To Cook)

As all our UK pigs are RSPCA Assured or Red Tractor assured this means that they all have access to enriched environments and manipulable material such as straw, hay, wood, sawdust, peat. RSPCA Assurance Outdoor Bred pigs allows more space.

Mutilations

Within our British, out-door bred pork supply chain, routine mutilations are not permittable or legal. In order to carry out mutilations such as tail docking, evidence must be provided to identify that there has been a tail biting problem in the herd. Derogations to tail dock can be granted following veterinary advice and on the grounds of promoting animal welfare. A minimum of 6cm must be left, as per RSPCA standards.

100% (96.5% RSPCA / 3.5% Red Tractor) of our UK Pigs in our fresh/frozen supply of pork are free from castration, this covers our own brand products which makes up 43% of our total supply (Scope: Fresh & Frozen Pork, Ham, Sausage, Bacon, Ready To Cook)

100% (96.5% RSPCA / 3.5% Red Tractor) of UK Pigs in our fresh/frozen supply of pork are free from teeth reduction, this covers our own brand products which makes up 43% of our total supply (Scope: Fresh & Frozen Pork, Ham, Sausage, Bacon, Ready To Cook)

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100% (96.5% RSPCA / 3.5% Red Tractor) of Pigs free from short tail docking in our fresh/frozen supply of pork are from short tail docking this covers our own brand products which makes up 43% of our total supply (Scope: Fresh & Frozen Pork, Ham, Sausage, Bacon, Ready To Cook)

Pig Transport Times

Co-op's fresh and frozen pork is 100% British sourced, therefore in line with UK regulations, Red Tractor, RSPCA assurance scheme's and the Humane Slaughter Association, it is transported in under 8 hours, as shown by the graph below within our supply chain this averaged 3.29 Hours between 2016 and 2021 in our own brand products which makes up 43% of our total supply (Scope: Fresh & Frozen Pork, Ham, Sausage, Bacon, Ready To Cook)



Turkey

We launched the Co-op Turkey Farming Group in 2016 to help build relationships with farmers. There



are 5 farms in the group, which are predominately supplied during the Christmas period. All our own-brand turkey is reared to <u>Red Tractor</u> Turkey standards. In addition, we require farmers to submit KPI data quarterly.

We work with our farmers and supplier to provide animal welfare improvements for our farming groups and is reviewed quarterly by our dedicated agricultural manager alongside our suppliers, such as providing environmental enrichment for the birds, so they can exhibit natural behaviours.

The farmers in this group submit quarterly KPIs, which help to monitor animal welfare and highlight any issues that may have been noted by the farmers. This allows us to concentrate on the areas that we can help to improve. As part of our regular producer group meetings we will review the KPIs and discuss any areas for improvement

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Turkey Welfare Data

Pododermatitis is an inflammation of the skin which marks the sole of the Turkey's foot through dietary factors and litter conditions. The procedure for identifying pododermatitis is to check and record 100 birds per flock for pododermatitis. Breast Blisters are caused by a Turkey sitting on the floor or from an irritant, Breast Blisters do not have a clinical effect on the turkey. Since 2019 both welfare measures have seen an improvement, this is due to changes to the litter and warmer weather which has driven increased ventilation. The nutrition of the birds is also important which is why feed changes have been made to improve efficiency, reduce soya but still ensuring the bird is fed a balanced diet which in turn improves welfare.



Confinement

100% of our Turkeys are cage-free in our own brand products which makes up 71% of our total supply (Scope: Fresh & Frozen Turkey, Ready To Cook, Cooked Meats, Ready To Cook)

Pre stunning and ineffective stunning

100% the UK Turkeys are stunned before slaughter in our own brand products which makes up 71% of our total supply (Scope: Fresh & Frozen Turkey, Ready To Cook, Cooked Meats, Ready To Cook) We use a stunning pre kill where an electric current passed through a water bath and birds make contact with this therefore there are no ineffective stuns in the turkey supply chain.

Environmental Enrichment

100% the UK Turkeys have access to environmental enrichment in our own brand products which makes up 71% of our total supply (Scope: Fresh & Frozen Turkey, Ready To Cook, Cooked Meats, Ready To Cook) We currently exceed the Red Tractor recommendations and have 3 times the number of pecking objects recommended in the shed and also have perches available in the form of shavings bales.

Mutilations

100% of Turkeys are free from desnooding in our own brand products which makes up 71% of our total supply (Scope: Fresh & Frozen Turkey, Ready To Cook, Cooked Meats, Ready To Cook

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Turkey Transport Times

Co-op's fresh and frozen turkey is 100% British sourced, therefore in line with UK regulations and as per the Red Tractor assurance scheme and the Humane Slaughter Association, it is transported in under 8 hours, as shown by the graph below within our supply chain this averaged 1.9 Hours between 2016 and 2021 in our own brand products which makes up 71% of our total supply (Scope: Fresh & Frozen Turkey, Ready To Cook, Cooked Meats, Ready To Cook. D.O.A is a record of Dead On Arrival, this records the number of birds that have died during transport. In turkey this had been an area of focus for a number of years, it is now at such a low level it is no longer an issue for the sector currently recording less than 0.1% for the past 4 years.





Welfare Review

All our farmers are committed to providing the best welfare possible for the birds in their care. Outcome measures including welfare related ones are monitored and discussed with senior management. The aim for Co-op and 2SFG is that we show an improving trend on all outcome measures under normal conditions. 2SFG is working with the whole supply chain on various initiatives which will help support this both practically and through a more pro-active use of the outcome measures data.

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We regularly carry out KPI reviews throughout the year with our suppliers and involve the farmers within our supply chain to discuss where we are seeing improvements and knowledge share success, but also create action plans where we are seeing challenges. The KPI's we collect are vital to allow us to understand what is happening within our supply chains and as part of these reviews we also review the measurables of each KPI. Each KPI must give us data that we can action and measure success on and through the close relationship we have with our suppliers and farmers we can understand which KPI's aren't giving purpose but also what are the new KPI's and measurables that we may need to incorporate to provide richer information.

Fish & Aquaculture

We know that our customers and members value our in-depth approach to the responsible sourcing of seafood. All Co-op seafood is responsibly sourced, which includes fresh, frozen, and ambient seafood products and where fish is used as an ingredient. This means fish used in Co-op brand products comes from sources that are risk assessed and reviewed by independent experts. These holistic reviews cover the health of the stock, as well as management and any potential environmental impacts of a fishery or farm. We publicly report all origin and environmental sustainability of wild-caught and farmed seafood sourced throughout our supply chain on with the <u>Ocean Disclosure Project.</u>



In 2011 we became members of the <u>Sustainable Seafood Coalition</u> (SSC) which means we are working with the SSC to drive for more sustainable seafood. Our approach to sustainably sourcing seafood (fish and shellfish) draws on the expertise of a variety of external stakeholders, including:

- Sustainable Fisheries Partnership
- Marine Stewardship Council
- Marine Conservation Society
- FAI Aquaculture
- RSPCA

We are working to ensure all our wild-capture seafood sources are either Marine Stewardship Council (MSC) certified or working towards improving sustainability. In 2020, 75% of our wild-capture seafood products (including some pet food products) were labelled as MSC certified. In order to support developing fisheries on their journey towards the MSC standard, we actively support a selection of <u>Fisheries Improvement Projects</u> such as <u>Project UK</u> which supports eight UK fisheries in working towards the MSC Standard.

All Co-op farmed fish is sourced in accordance with the Co-op Responsible Fish Sourcing Policy which ensures they meet the highest standards in terms of fish welfare, husbandry, marine environmental protection and responsible sourcing of ingredients for the marine components of farmed fish feed. These standards have been in place since 2008 to ensure that all seafood is sourced from well-managed farms and fisheries and minimising our impact on the marine environment. We do not allow fin clipping of finfish and all finfish must be slaughtered in accordance with the <u>Humane Slaughter</u> <u>Association</u> code of practice which includes stunning prior to slaughter.



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All our farmed fish sources must comply with national regulations and act in a socially responsible way. At present we are sourcing 20 wild caught species, 5 farmed species from 18 suppliers and 20 countries. All our farmed fish sources are certified by one of four recognised external farm assurance schemes: Aquaculture Stewardship Council (ASC), Global Aquaculture Alliance Best Aquaculture Practice (GAA BAP 4*), Global Gap or Marine Stewardship Council (MSC). As part of the Co-op internal risk assessment process for seafood sources, we ensure marine sources in farmed fish feed are also reviewed. Our preferred status for farmed fish feed is Marin Trust (formally IFFORS) or MSC certified. In addition to marine ingredients, we also risk assess all ingredients within the feed basket to ensure we have a holistic approach to fish feed. We are working with our supply base to actively encourage the use of sustainable novel and alternative ingredients within aquaculture diets.



In 2017, we launched the Co-op Irresistible Salmon farming group. This allows us to work closely with some of our Scottish salmon suppliers and farmers in our supply chains to ensure we support them to produce high-quality salmon to strict welfare standards. We started off by collecting KPIs from our Scottish salmon suppliers incorporating welfare outcome measures, in 2021 we are expanded this to cover our Norwegian supply as well. We are working with our entire aquaculture supply base to expand our range of KPIs that we collect covering Warm Water Prawns, Trout and Seabass, we use these KPI's to monitor, manage and mitigate risk in our supply chains.

More details about our farmed finfish and shellfish can be found below:

Finfish

Species	Third party certification	Max stocking density	Transport times (harvest to slaughter)	Pre- slaughter stunning
Scottish and Norwegian Atlantic salmon (standard tier)	Global GAP, GAA BAP, ASC	22kg/ m ³	Max 48 hours	100% pre-slaughter stunned
Scottish Atlantic salmon (Irresistible tier)	RSPCA Assured, Global GAP	15kg/ m ³	Max 48 hours	100% pre-slaughter stunned
Seabass (Turkey)	Global GAP	13kg/ m ³	Slaughtered on site	100% pre-slaughter stunned
Trout	Global GAP	17kg/ m ³	Slaughtered on site	100% pre-slaughter stunned

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Shellfish		
Species	Third party certification	Transport times (harvest to slaughter)
Vietnam king prawns	ASC, GAA BAP 4*	Slaughtered on site
Thailand king prawns	ASC, GAA BAP 4*	Slaughtered on site
Honduras king prawns	ASC, GAA BAP 4*	Slaughtered on site
Nicaragua king prawns	ASC, GAA BAP 4*	Slaughtered on site
Indonesia king prawns	ASC, GAA BAP 4*	Slaughtered on site
Ecuador king prawns	ASC, GAA BAP 4*	Slaughtered on site
Vietnam tiger prawns	ASC, GAA BAP 4*	Slaughtered on site

Warm Water Prawns

Antibiotics

The site must be working towards minimal use of antibiotic treatments. The prophylactic use of all veterinary drugs is prohibited. Where legal antibiotics are utilised, they must only be when absolutely needed and not on a routine basis and in compliance with the recommendations of the World Organisation for Animal Health (OIE).

We do not allow the use of antibiotics categorised as critically important by the World Health Organization (WHO), even if authorized by the pertinent national authorities. Withdrawal periods prior to harvest must be fully documented. ASC & Organic certified shrimp cannot be treated with antibiotics or given feed containing medicines.

Health & Welfare Plans

All farms must have a documented Shrimp Health and Welfare (H&W) plan developed with a suitably competent Shrimp/Aquaculture health expert (and other experts where required). The review must be carried out on at least an annual basis, or where performance is poor and must include a farm inspection to allow assessment of performance and risks.

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Scottish Salmon

Sea Lice & Mortality

The annual lice average (adult females) for each year, from 2013 to date, Annual figures published the Scottish Salmon Producers Organisation <u>SSPO</u> show that sea lice averages for the Scottish farmed salmon sector were 0.52 adult female lice per salmon for 2020. This represents a fall on 2019's average of 0.54 and means that 2020 is the second best year on record for sea lice averages after 2018. The figure demonstrates the sector's ability to keep numbers consistently low despite seasonal challenges. The Scottish salmon sector is committed to successfully pursuing its 'prevention over cure' strategy with regards to controlling the naturally occurring parasite through innovations such as the use of cleaner fish and mechanical treatments. Salmon mortality is recorder through the percentage of fish lost on each farm within each month. This is the measure of mortality used by the Scottish Government's Fish Health Inspectorate when assessing the health of the fish on the farm.






Co-op Supply Chain Sourcing

Livestock Origin

This details the origin of produce within our supply chain. Co-op has speciality products made in the country of origin that are excluded.

Dairy



CO-OP OWN LABEL DAIRY BRITISH ORIGIN

Protein



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Protein Cont.



CO-OP OWN LABEL IRRESISTIBLE SALMON%



Percentage of Product RSPCA Assured

This details our proteins assured by the RSPCA:



RSPCA ASSURED PROTEIN %



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Percentage of Livestock Red Tractor Assured (or equivalent)

This details the livestock assurance standards within our supply chain, all livestock must be approved to Red Tractor as a minimum. Co-op also has speciality products made in the country of origin that are excluded.



Research & Development

To be sustainable and make improvements to animal welfare, we need to anticipate future opportunities and challenges ahead. We have worked with <u>FAI</u> (Food Animal Initiative), an independent consultant, to review our livestock standards and welfare reporting. We engage with industry organisations such as <u>AHDB</u> (Agriculture and Horticulture Development Board).

A few of our projects are highlighted below;

Dairy

The Farming Groups let us know what the key health and welfare issues are, so we can investigate further. Therefore, we're working with our dairy farmers on a disease eradication programme with the aim of removing disease such as BVD & Johnes from Co-op Dairy Group farms. We're also pioneering a way of capturing accurate data on antimicrobial usage across the Co-op Dairy Group, before sharing our usage data with Kite Consulting, who will evaluate and deliver the data back to Group members. This will also give farmers information to discuss with their own vet and lets them benchmark themselves against the rest of their Group. See antibiotics section for more information.

Beef

Sustainability has always been an important aspect of the Co-op Farming Groups with carbon footprint assessments completed annually. With ambitious environmental targets, we are currently looking at projects that can examine strategies that will help reach these targets while maintaining animal health, welfare, and farm productivity. These strategies vary from looking at diets and sward composition to farm infrastructure and nutrient management planning. Our farming group members will implement the results of this work and will be the ones demonstrating the positive effects to the wider industry.

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Lamb

Over the course of the last year, we have developed and installed a system that will provide farmers with individual data for each lamb that is supplied to us. The data provided allows farmers to make data driven decisions in terms of breeding, health, and welfare. The data provided will also allow farmers to benchmark their production and allow for continuous improvement year on year. In line with the environmental target, we are also investigating diet and health in the sheep flock.

Pork

The Co-op Pork Farming Group are proactively working with the industry to carefully monitor and record our antibiotic usage using the AHDB EMedicine Book, we have trialled the use of handheld recording devices to allow us to be more efficiently managing the real time data recording of medicines administered to our ODB pigs. The implementation of this technology should minimise any time lag in medicine usage recording and data errors. We have also been investigating water quality and impact on pig health through our clean water program to ensure the hygienic efficient supply of water to its pigs. The clean water program involves analysis of water samples to determine water quality. Implementation of a water delivery improvement program (where appropriate including installation of new water systems, and on-going monitoring of water quality in conjunction with key welfare and production indicators to assess pig health and performance. In 2019/20 BQP completed trial work in tail biting and behaviour monitoring to assess the performance and behaviour of pigs sired by 4 different sirelines. Specific areas of interest and focus included tail biting and aggression levels in the 4 test groups. In pen CCTV footage of the pigs was assessed to objectively monitor behaviour of the pigs and identify any tail biting incidences and the circumstances in which this occurred. Research continues to investigate the impact of genotype and environmental factors on tail biting occurrence.

Chicken

We worked with our supplier to investigate whether our chickens would prefer to have perches, platforms or bales, as environmental enrichment is important to us. We concluded that the best option for our chickens were straw bales, as it allowed chickens to exhibit their natural behaviour. It also presented the most bio-secure option compared to the perches and platforms.

We worked with our chicken supplier, Food Animals Initiative (FAI) and The University of Bristol to trial a new method of measuring chicken welfare called Qualitative Behavioural Assessment (QBA).

The QBA considers the behaviour of animals within its environment, and our study aims to explore this as a method our farmers can use to observe bird behaviour and monitor animal welfare. This training material was gifted to the industry and Poultec took the decision to implement this work into their training programme which has the potential to benefit a significant percentage of chicken within the industry.

Laying Hens

Keel bone damage is prevalent in all laying flocks made worse by the move to multi-tier aviary type systems and the introduction of aerial perches in free-range and barn production. The damage is coursed by the impact on the multiple fixtures and fittings as the birds move around accessing the various levels within the unit. As part of their welfare outcome recording, Noble Foods have carried out keel bone assessment by breast palpitation on all their laying flocks post 60wks of age with 60 birds being assessed and scored 0 - 2 depending on the severity of the damage. The purpose of the study was to identify if the system type and the breed of bird affect the level of damage found. Key findings so far suggest that housing systems do make a significant difference in the occurrence of damage with different manufactures also having an effect, data shows perching adding 41% to the level of keel bone damage in single tier systems (17.44 vs 24.61). The breed is suggested to make a difference, but more data will be required to make a reasonable comparison. The plan is to continue to collate the data, identify high and low incidence to understand what particular configurations and management constitute best practice.



Fish

In order to support developing fisheries on their journey towards the Marine Stewardship Council (MSC) standard, we actively support a number of Fisheries Improvement Projects (FIPs) such as Project UK Fisheries Improvements (PUKFI). FIPs provide a framework within which fisheries can make improvements to reach a standard where they could meet MSC Standard, the collaborative nature of these projects means that stakeholders from all parts of the supply chain and wider interest groups are represented through the process.

We work collaboratively with other industry stakeholders to address challenges such as fisheries management through the Global Tuna Alliance (GTA) and North Atlantic Pelagic Advocacy (NAPA). In addition, we co-fund a project which monitors fishing activity to prevent fishing in prohibited areas in the Arctic.

We have worked with our farmed fish suppliers to risk assess all the feed ingredients within these supply chains, this will allow us to identify high-risk feed ingredients within aquaculture supply chains and from this develop suitable action plans to mitigate these risks.

In 2019 we became members of the Global Ghost Gear Initiative in order to promote best practice to limit the impact of lost and abandoned fishing gear. We also co-sponsor a PhD at Heriot Watt University, which focuses on ghost gear and mitigation opportunities.

Environmental Projects

Feed policy development

In 2020, we worked with <u>Forum for the Future</u> to develop a holistic approach to animal and fish feed at Co-op. This incorporates understanding and mitigating risk and identifying opportunities in our feed supply chains around environmental sustainability, carbon emissions, animal welfare, people within our feed supply chains and sustainable diets. We will work with our suppliers on continuous improvement of animal and fish feed and report our findings publicly.

Feed risk mapping tool

Through consultation and collaborative work with Co-op suppliers and industry stakeholders we have developed a Feed Risk Mapping Tool. The tool is designed to highlight risk in aquaculture and animal feed supply chains. The tool is being used to identify high risk ingredients and be a supporting tool for future business decision making and R&D involvement; specifically, the implementation of appropriate action plans to mitigate risk.

Soy

We are making sure that all the soy we use in Co-op food products is covered by zero deforestation and sustainable soy credits. We are also working with our suppliers to make sure that 100% of the soy used to feed animals in our supply chain is zero deforestation and sustainably sourced by 2025. As a full member of RTRS we publicly report our use of soy.

Environmental Mapping

In 2015, Co-op began an Environmental Mapping project with which has collected and modelled 3 years of data for all farming groups (exc. Salmon) relating to greenhouse gas emissions and biodiversity. Capturing this information allowed us to understand what our farms environmental impact is and what the main sources of greenhouse gas emissions are. We aim to ensure our partner farms are helping to reduce their environmental impact through efficient farming practices and unique measurement initiatives identified through our project. As a Farming and Fisheries team, it is more important than ever that we support our farmers and producers to innovate on responsible resource use and play our part in caring for the world we share. Page 41 of 52

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Environmental Mapping Next Steps

The data collected allows us to understand what our farms' environmental impact is and what the primary sources of greenhouse gas emissions are. Moving forward for year 4 and onwards, the data collected during the project will be used to help identify areas where the carbon footprint can be targeted and reduced by partnering with a specialist in environmental strategy. This will allow us to focus on species in order to meet the reduction of the Co-op's science-based emission targets.

ADAS have been work with us, since early 2020, to develop an Environmental Strategy for the Co-op. The initial work has been centred around reducing the carbon footprint of our beef and dairy supply chains. Why beef and dairy? Well, the methane emissions associated with ruminant animals account for a large proportion of the carbon footprint of these farms and we have been looking at methods by which farmers can reduce these emissions. Many of the strategies for reduction revolve around increasing efficiencies of the production cycle and these efficiencies are strongly linked to animal health and welfare, in combination with excellent management of the cattle. The Co-op farmers have demonstrated fantastic engagement around the topic and key performance indicators have been set in order to measure their improvements which, incidentally, also deliver financial improvements – a genuine win-win situation.

Industry Involvement

We work closely with various industry organisations, including NGOs, industry bodies, consultants, educational establishments, and government.

We work with NGOs such as Compassion in World Farming (CIWF), Responsible Use of Medicines in Agriculture Alliance (RUMA), World Wildlife Fund (WWF), Waste & Resources Action Programme (WRAP) Sustainable Fisheries Partnership (SFP), Marine Stewardship Council (MSC) and since 2017 we have been a member of Linking Environment And Farming (LEAF).

Within the industry we regularly engage with the National Farmers Unions, Agricultural and Horticultural Development Board (AHDB), National Pig Association (NPA), Seafish, Compassion in World Farming (CIWF), British Benchmark for Farm Animal Welfare (BBFAW), RSPCA Assured and Red Tractor. In fact, members of our Farming & Fisheries team hold BRC positions on the poultry, dairy, beef and lamb Red Tractor boards or development committees. This ensures that we can influence and input into the improvement of Red Tractor standards. A member of our Co-op team is on the governing body of the Marin Trust (Marine feed ingredients certification) as well as the steering committee of Project UK, Seafish Common Language Group and North Atlantic Pelagic Advocacy. As such, we regularly engage with and influence the seafood industry and have a good network in this area.

We work with educational establishments such as Heriot Watt and Exeter Universities on R&D projects. We also work with expert consultants such as Food Animal Initiative (FAI), ADAS RSK and Kite Consulting on our dairy group and our Farming Pioneers programme.

The responsible use of antibiotics is extremely important to us, so we are working with Kite Consulting on a project to measure the use of antibiotics, which is why we continue to engage with many organisations listed above and the Veterinary Medicines Directorate (VMD).



Please see our endorsements:

Authenticate IS have provided The Co-op with a platform to collect, manage, report, and benchmark their supply chain for more than 7 years.

During this time, they have been able to geo-map all of their Beef, Lamb, Pork, Egg, Poultry and Dairy farms, giving them the ability to confidently state that all of their farms are British, while also ensuring that they hold any other relevant certification status, RSCPA, Red Lion, Red Tractor. They have also geo-mapped their Fish & Aquaculture supply chains.

The Co-op continue to develop a robust and clear standard that they want all of their farmers to work towards, while also ensuring that the farming partnerships they hold drive continued improvement for all farmers.

For the past 7 years The Co-op have continually reported on many animal welfare metrics across all protein at a farm level and have over the last year utilised this technology to begin to bring in some of the sustainability, and transparency reporting they do within their well-documented Healthy Oceans Strategy.

The Co-op's focus on improving reporting is driven first and foremost by their desire to ensure that all of their products are as sustainably, and ethically sourced as possible, but also to help them work more collaboratively with suppliers by increasing insight and reducing workloads.

Daniel Hall Authenticate IS, Account Director

The Co-op and Noble Foods have a long-standing partnership with common goals working to identify and promote the highest levels of animal husbandry and farm practice.

This has included the development of clear sourcing standards outlining Co-op's high expectations with regards to food safety and quality, sustainability, and the environment and above all farm animal welfare.

We are working jointly and in conjunction with the Co-op producer group and the Food Animal Initiative to identify and share best practice and find solutions to current industry challenges

Key work streams are to reduce environmental impacts from current farming practices and the animal feed supply chain, as well as collating and analysing data to measure key welfare outcomes and understand levels of antibiotic use across the Co-op supply base.

It's great to work with a forward-thinking retailer that is not only committed to high welfare, quality egg production, but also the impacts of the wider agricultural supply chain both from an environmental and ethical perspective to drive long term sustainable farming practices.

Jean-Paul Michalski, Account Manager, Noble Foods



The Co-op Agriculture Team engaged with RSK ADAS Ltd in January of this year to devise, and subsequently deliver, an Environmental Strategy that will primarily address the reduction of carbon emissions across all livestock sectors. Dairy and beef have been targeted as the sectors to address initially and strategies to reduce carbon emissions have been identified. Many of these strategies go hand in hand with an increase in animal health and welfare protocols, in most cases, over and above the obligatory Red Tractor Standards. Examples will include reducing the incidence of lameness that will reduce mortality rates, improving the health and nutrition of youngstock to reduce the age at first calving and promoting a healthy housing environment that reduces disease impact and subsequent antibiotic use on the animals. The project will run for a number of years and work directly with processors, group facilitators and Co-op producers to inform and educate best practice

James Dunn, Business Management Technical Director, ADAS RSK.

We continue to develop a strong partnership with Co-op based upon their commitment to British farmers, animal welfare and sustainability. Due to COVID 19 we have an to put on hold our CPG meetings and related activities, but we continue to work closely with their chicken farming group, using data and R&D to drive continuous improvements in both animal health and welfare. 2SFG have committed to investing in Co-op's Agriculture base which will enable us to focus on Innovation & R&D which will assist us in finding new ways of addressing some of the key industry challenges such as the reduction and responsible use of antibiotics. Continued focus on Soya reduction and the responsible sourcing of Soya will be a high priority for 2020/ 2021"

Andrew Gibson, Agricultural Manager, 2SFG Agriculture

Pilgrim's Pride Ltd. (formerly known as Tulip Ltd.) works closely with the Co-op's Agriculture team to nurture and develop the Co-op Pig Producer Group which started in 2013. Our producers particularly value the close relationship with Co-op which helps support them to deliver higher welfare British RSPCA outdoor bred pork. The Co-op's Agriculture team is forward thinking and continually look for ways to deliver sustainably farmed high welfare pork - just one of the many reasons why the partnership works so well. We share the same values and goals which places sustainable farming and pig welfare at the centre of everything.

Mark Haighton, Pig Supply Chain Director, Pilgrim's Pride

Co-op has been a supporter of RSPCA Assured ever since its inception in 1994. Today, it is the secondlargest retailer of RSPCA Assured labelled food, offering more than 130 different products. It's also unique in being the only major retailer to stock 100% RSPCA Assured own-brand pork products, which is something to be really proud of. Thank you, Co-op, for your continued support.

Clive Brazier, Chief Executive, RSPCA Assured



Andersons became involved in facilitating the Co-op beef and lamb farmer group meetings in early 2020 and we have also been looking at the longer-term strategy for these groups in alignment with the Coop Pillar Model. From the outset, it was clear that animal welfare is crucially important part of the Coop ethos and previous discussions around promoting greater animal health and more effective vaccination strategies were cited by farmers as being the most informative. It is also evident that adhering to the highest animal welfare and environmental standards are critical in showcasing the "Best of British" quality produce.

In the past year, a lot of Andersons' work has focused on improving efficiency, profitability and having a sustainable business. It is crucial to point out that such improvements cannot be achieved without having strong animal welfare standards in place. Accordingly, the efficiency measures included in the benchmarking tools that we have developed are closely linked with safeguarding animal welfare. In our grassland management webinars, there were detailed discussions around managing the correct feed supply to different stock classes where safeguarding animal welfare was a central consideration. The strategy review analysis that we undertook has shown that highest animal welfare should always be a fundamental requirement for all suppliers with Health, Welfare and Quality continuing to be a core element of the Co-op Pillar Model. In this regard, animal welfare will continue to be a key focus of the meetings that we plan to run in the next year relating to herd and flock health as well as producing quality products that match British consumers' high expectations in terms of animal welfare and sustainability standards.

Michael Haverty, Partner and Senior Research Consultant, The Andersons Centre

Consumer buying decisions are always evolving, however one aspect that has continuously been a requirement at Co-op is that their beef and lamb products are reared under high animal welfare standards.

Animal welfare can mean different things to different people and under our strict sourcing standards for Co-op, we ensure that all of our beef and lamb is sourced to meet these standards over and above.

We have a close working relationship with our Beef and Lamb Farming Groups where transparency from farm to fork is pivotal. The basis of this trust begins from all of our farms being Farm Assured, to each farm supplying us with key animal health and welfare data that is monitored on a quarterly basis. From this data we are able to monitor welfare outcomes that meet Co-op welfare targets and from this, can provide knowledge exchange on best practice in relation to healthcare and feeding to ensure continuous improvement.

Our Beef and Lamb Farming Groups are proud of the standards that they adhere to, providing Co-op customers with products that they can trust. Dunbia value the relationships we have with our producers, knowing that the animals have been produced with the utmost care throughout their lifetime.

Claire Windrum, Agricultural Account Manager, Dunbia Ltd



Farne Salmon and Trout, located in the picturesque Scottish Borders, has been working with Co-op in the supply of Scottish farmed Atlantic salmon products for over four years, and more recently, in the sourcing of Norwegian farmed salmon. Together, Co-op and Farne Salmon are working closely with our Scottish and Norwegian salmon suppliers to ensure the highest standards of responsible sourcing in relation to our attention to animal health and welfare and environmental stewardship.

High standards of animal welfare are the key to the success of our supply chain. Co-op have a specific key focus towards animal welfare, and their integrity in this area has been well established and extends across all other agricultural sectors such as beef, poultry, lamb, and pork. At Co-op, the philosophy is that "for each fish, welfare should be a given, and not a choice" which is why Co-op developed their own Aquaculture Code of Practice known as "The Co-op Farmed Atlantic Salmon Standard". The Standard defines specific welfare practices which our salmon suppliers must employ thus ensuring the highest levels of welfare are afforded to our salmon. The practices themselves have been developed from the latest international fish health and welfare R&D outputs as well as input from veterinary and animal welfare expects who have a specific focus on farmed salmon and the development of effective and meaningful standards for improvements in farmed salmon production.

It is clear when working with Co-op that the fundamental elements of fish welfare apply to all their salmon.

Dale Hill, Head of Aquaculture & Quality, Farne Salmon and Trout

"The Coop is a valued long-term supporter of the Red Tractor Food and Farming Assurance scheme.

Playing an active role on the assurance scheme's Technical Advisory Committees and sector boards, they have helped to shape and influence the future direction of the standards that are set to ensure that food produced on assured farms is grown and reared to world-class standards which include animal welfare and high levels of food safety while protecting the environment.

The Coop's involvement in Red Tractor's consumer campaigns, helps to raise the profile of the logo to consumers and demonstrates its commitment to backing farm assured food in the UK. Shopper recognition of Red Tractor continues to grow with over 75% of UK primary shoppers recognising the logo which now appears on almost £15bn of food and drink. The Red Tractor symbol is an easy signpost for shoppers looking for responsibly sourced food, produced on British farms."

Red Tractor Assurance

In the face of the Covid-19 pandemic, the 169 members of the Co-op's dairy farmer groups have continued to work towards improving sustainability and business efficiency. Traditionally, our regional dairy groups would meet three times a year for face-to-face meetings and peer led discussions, but when the Covid-19 lockdown forced a halt to our usual activity programme, dairy group members were quick to embrace online-based alternatives.

The Co-op is a community minded business, eager to look after the wellbeing of its farmer members, so farm safety was a key element in the 2019 group meetings. Other topics covered included the challenges of climate change and reduction of soya use within the dairy industry. Despite moving to an online based support system during 2020, we have kept dairy group members highly engaged and successfully supported members working to improve farm efficiency, business sustainability and changes to working practices.

Ainsley Baker, Partner, of Kite Consulting LLP

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Agriculture continues to ask more and more from its young producers and our aim is to support the next generation of Co-op food suppliers to develop resilient and sustainable businesses. Between 2016 and 2021, over 100 of agriculture's future managers and leaders will have been selected to take part in the Co-op's Farming Pioneers training programme, where they develop key business skills and knowledge that will help them flourish within the agricultural industry. All Farming Pioneer members are aged between 21 and 35 and currently work in the farming sector, supplying food to the Co-op.

Previous producers who have graduated from the two-year long Pioneers programme have gone on to make significant changes and improvements to their family businesses, take up leadership roles within the agricultural industry and embrace continued professional development. You can't help but be buoyed by the enthusiasm of young farmers and with the support and training opportunities provided through the Pioneers programme, the future looks bright for the Co-op's young food producers."

John Allen, Managing Consultant, of Kite Consulting LLP

"We are proud to work with the Co-op, it's a long-term relationship which places the welfare of dairy cows at its core. By working closely with the Co-op, we've been able to develop unique collaborations with dairy farmers to ensure that everyone within this network is able to access and leverage the latest data, research and best practice on herd health and welfare standards. We look forward to maintaining this long-term relationship, one which not only benefits the dairy cows themselves, but also Co-op members, farmers and our business."

Rob Hutchison, Chief Operating Officer, Muller Milk

AB Sustain work with the Co-op Farming groups to independently audit each farmer supplier against the Pillar model standards, carry out a biodiversity survey and calculate a carbon footprint for the product they supply to Co-op. AB Sustain have a wealth of expertise and experience working across supply chains with farmers, processors and brand owners, and retailers to independently assess, benchmark and signpost actions for improvements. Efficiency gains at farm level are key to improving sustainability whilst improving farm level profitability.

The Co-op Pillar model benchmarks and aims to drive continual improvement through the supply chain, focussing on animal health, welfare and quality, farm appearance, community and brand engagement, responsible use of resources and environmental impact, and people and skills. The analysis and insight into the data gathered helps to target further support for farmer suppliers through Business Groups.

The carbon footprint and biodiversity data further reinforces the credentials of each individual farm and defines areas where improvements and efficiency gains can be made to maximise the use of resources available, increase the resilience of the farm to volatile market places and drive profitability. invested

Danni Cooke, Technical Manager, AB-Agri Ltd

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Awards & Marketing

We're proud of our commitments to animal welfare and the awards we have won. We are also hugely passionate about educating our customers and members about animal welfare.

We have won a number of awards for our animal welfare standards;

2021

- Business Benchmark Farm Animal Welfare (BBFAW) awarded Tier 2 status, 'Integral to Business Strategy'
- Co-op 10 Year Anniversary of Farming Groups

2020

- Compassion in World Farming Cage Free Award
- Business Benchmark Farm Animal Welfare (BBFAW) awarded Tier 2 status, 'Integral to Business Strategy'

2019

- Business Benchmark Farm Animal Welfare (BBFAW) awarded Tier 2 status, 'Integral to Business Strategy'
- Winner of best trade stand at the Royal Welsh Agricultural Show

2018

- Compassion in World Farming -Good Pig Award
- Shortlisted for Antibiotic Guardian Award Food & Farming
- Business Benchmark Farm Animal Welfare (BBFAW) awarded Tier 2 status, 'Integral to Business Strategy'

2017

- Grocer Gold Sustainability Award Finalist for our Integrated Calf Scheme
- Business Benchmark Farm Animal Welfare (BBFAW) awarded Tier 2 status, 'Integral to Business Strategy'

2016

 Business Benchmark Farm Animal Welfare (BBFAW) – awarded Tier 2 status, 'Integral to Business Strategy'

2015

- Business Benchmark Farm Animal Welfare (BBFAW) awarded Tier 2 status, 'Integral to Business Strategy'
- Northern Ireland Food and Drink Awards (NIFDA) Supply Chain Excellence Award for the Hereford Beef supply chain

2014

- Greenpeace Tuna Sustainability League Table achieved top tier as one of the market leaders
- Business Benchmark Farm Animal Welfare (BBFAW) awarded Tier 2 status, 'Integral to Business Strategy'



2013

 Business Benchmark Farm Animal Welfare (BBFAW) – awarded Tier 2 status, 'Integral to Business Strategy'

2012

- Business Benchmark Farm Animal Welfare (BBFAW) awarded Tier 2 status, 'Integral to Business Strategy'
- RSPCA Hot Topic Award (Live animal transportation times)

2011

- Compassion in World Farming Good Dairy Award
- Compassion in World Farming Most Improved Supermarket Award
- RSPCA People's Choice Supermarket Award

2010

• RSPCA People's Choice Supermarket Award

2009

RSPCA People's Choice Supermarket Award

2008

- Compassion in World Farming Good Egg Award
- RSPCA Lifetime Achievement Award
- Supermeat Awards Best Head Office Initiative (Elmwood Chicken)

We promote high animal welfare to customers in a number of ways;

Although agricultural shows have been cancelled for the last two years due to Covid restrictions, we have engaged and communicated with customers through different network channels. We have worked with LEAF and our farming members for numerous Open Farm Sunday events, both virtual and in person where hundreds of families attended to learn all about their food and how it is produced. Also, we have put our farming group members in contact with The Country Trust charity to provide farm visits for children from disadvantaged backgrounds. Similarly, we have brought the farm to our Co-op Academies through our Farmer Time Live programme, engaging our farming members with students to teach them about animal welfare and why it is our farmers top priority.

In addition, we have written a number of Co-op blogs including 'Meet the producers: our meat, fish and dairy farmers' which features informative videos of our farming members out on their farms telling customers their story. We have also published content in the Co-op Love Local campaigns, the articles had stories from some of our farming group members and explained how they always strive to improve their livestock's health and comfort.

We have also created a 'Where to buy higher welfare products' webpage that sits on the RSPCA website, the page promotes higher welfare standards to our customers and the RSPCA Assured products they can find in our stores. Our Twitter page <u>@CoopAgriMatters</u> has gained 650 followers in the last year, we use the social media platform to communicate important and informative messages to our customers. We have tweeted to our wide audience weekly by posting videos and pictures from our farming group members, farm visits and virtual events.



Co-op Farming & Fisheries Blogs

- Why it's important to buy British: <u>https://blog.coop.co.uk/2021/02/23/why-its-important-to-buy-british/</u>
- Purchasing Sustainable Seafood: <u>https://blog.coop.co.uk/2021/02/25/5-top-tips-for-buying-sustainable-seafood/</u>
- Meet our producers: <u>https://blog.coop.co.uk/2021/02/12/meet-the-producers-our-meat-fish-and-dairy-farmers/</u>

Meet the producer videos

- We headed to Dumfries to visit Keith who supplies Scottish Co-op stores with Aberdeen Angus beef: <u>https://youtu.be/AOU9BTcIE-8</u>
- We meet Robert, one of the many farmers who provide the Co-op with Chicken: <u>https://youtu.be/qgzjvtxiS0Y?list=PLYV-Re56pTDIPYSHh9GZ8PPIIYeqdDq9</u>
- We head to Dumfries in Scotland to meet Grant and Richard, two dairy farmers who are part of the Co-op's Farming Pioneer Programme: <u>https://youtu.be/QGjBWwaltlo</u>
- We meet Rob and Sian, one of the many farmers who provide the Co-op with free-range eggs: <u>https://youtu.be/TweaNSV5PXI</u>
- We visit a family farm that supplies Co-op with tasty Hereford beef: <u>https://youtu.be/Oiiwblvcw0k</u>
- Co-op is really proud of its British lamb, so Rosie Mullender went to meet one of the farmers who produce it: <u>https://youtu.be/LjBBI_hDFAE</u>
- We headed to Oxfordshire to show you how our Irresistible British pork products are produced: <u>https://youtu.be/ Y0yeMk MI0</u>
- We headed to the beautiful landscape of the Outer Hebrides to find out why Co-op Scottish salmon tastes so great: <u>https://youtu.be/X2rDxfkeFrg</u>
- We headed to Norfolk to find out why our British turkey tastes so good: <u>https://youtu.be/pH8Jt5b8w0U</u>
- A day in the life of a dairy farmer: <u>https://youtu.be/FI6KxPrwJv0</u>

A Better Way of Doing Business for You and Your Community

CO OP

Terms & Conditions

The Co-op is committed to producing products sourced to strict standards of animal welfare, food safety and quality and ethical standards. Our minimum requirements are detailed within our Supplier Terms and Conditions. The following section from our T&C's detail our minimum requirements for each supplier which includes animal welfare. All documents referred are held within our supplier technical portal including livestock standards, product composition document and, product specifications and guidelines,

Relevant section from Co-op Terms and Conditions:

6.1.1. Conform to the Co-operative Product Composition Policies – Food and the Co-operative Product Composition Policies - Non-Food as may be applicable from time to time as notified in writing to the Supplier

6.1.2. Conform to the Co-operative's Technical Specifications and Supplier Guideline Documents as may be applicable from time to time as notified in writing to the Supplier

6.1.3. Use such of Co-operatives Trademarks as may be specified from time to time by the Co-operative in accordance with any and all guidelines and requirements provided by the Co-operative in relation thereto for the purposes of fulfilling the Contract but not further or otherwise

6.1.4 Be manufactured by the Supplier at sites prior approved in writing by the Co-operative or its agents. For avoidance of doubt sub-contracting of production shall not be permitted except in accordance with any prior written approval of the Co-operative on such terms as the Co-operative shall deem appropriate. Sites will be expected to comply with the Co-operative's Sound Sourcing Code of Practice and Monitoring Programmes and be registered on Sedex (Supplier Ethical Data Exchange)

6.1.5 Be produced in accordance with the Co-operative's Codes of Practice from time to time as notified in writing to the Supplier

6.2 In addition to the requirements at Term 5, where the Supplier supplies Co-operative Brand Groceries, the Supplier shall:

6.2.1. in the case of the supply of food Groceries, have achieved and maintain accreditation to the BRC Global Standard For Food Safety or such other higher standard as may be expressly prescribed in writing by the Co-operative; and/or (as appropriate)

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Co-op Farming Group Pillars

Coop Farming and Food Pillars

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Health, Welfare & Quality	Community & Engagement	Responsible Resources	Environmental Impact	People & Skills
Welfare & Quality KPI's	Attendance at producer group meetings	Antibiotic Use	Carbon Footprint	Ethical Trading
Quality & Consistency	Co-op engagement and membership	Water and Electricity Use	Water pollution controls	Formal training and development
Audit Performance	Community Engagement	Soya use/alternatives	Farm waste management	Apprenticeships
Research & Development	Hosting of producer group farm visits	Local sourcing of materials	Farming efficiency	Industry schemes

Sourcing Standards

- Red Tractor Pigs
- Red Tractor Laying Hens
- Red Tractor Turkey
- Red Tractor Chicken
- Red Tractor Beef & Lamb
- Red Tractor Dairy
- RSPCA Laying Hens
- RSPCA Pigs
- RSPCA Chicken
- <u>RSPCA Salmon</u>