



Livestock

Pan-Wales Project: Welsh Anthelmintic Resistance Status Project



Project started in August 2023

40

40 sheep flocks across Wales

6

Testing resistance to 6 anthelmintic classes

Testing resistance to 6 anthelmintic classes: Benzimidazole, Levamisole, Ivermectin, Moxidectin, Derquantel and Monepantel to answer the question – how effective are different anthelmintics on sheep farms in Wales?

Our Farms



Project developments are underway across all the livestock farms in the Our Farms Network focusing on improving health & welfare, herd nutrition, improving milk efficiency, genomic testings and fast diagnostics within dairy herds.

Advisory Service



3

Delivered in relation to Animal Health and specialist advice

45

Delivered to ensure there is sufficient housing for the number of livestock and also equates for animal health

Mentoring



71 Individuals have accessed mentoring



344 hours have taken place during this period



279 mentoring sessions during this period

Individuals are requesting mentoring on the following livestock related topics



- Sheep and dog handling **82.9%**
- Animal health and welfare **11.4%**
- EID **2.9%**
- Shearing **1.4%**
- Sheep milking **1.4%**

Extracts from mentoring diaries include:

- “Gareth was pleased with using a long line as he could tread on the line and stop the dog and then call him back, he was starting to get a little better at that.”
- “Weed control, infrastructure of the farm, well fenced into fifteen blocks, mobbing up sheep into less, and bigger groups, possible introduction of Lucerne, slot seeding or scratching in new leys.”
- “Background to farming practice and future direction. Farm walk to show own type of cow and grazing and the calf rearing set up.”

Knowledge Exchange Hub



2 Literature reviews during this period:

Animal health & welfare

Housing calves

Mineral status

Discussion Groups

3 meetings in this period



Sectors:
1 meeting focused on **Sheep** and
2 meetings on **Dairy**



SLM outcomes:
3 meetings focused on **High animal health and welfare**



Characteristics:
3 meetings focused on **Resilient and Productive**
Lowering external inputs to maximise profits and benefit the environment

3 meetings focused on **Reduce, reuse and recycle inputs, nutrients and waste**
Sustainable use of anthelmintics

Key words: Performance, Quality, Diseases, Weather, Lameness, Barriers, Benchmarking, FEC

Agrisgôp



9 Agrisgôp meetings have taken place:



77 total attendance of Agrisgôp meetings during this period



28 hours spent at Agrisgôp meetings during this period

Groups that met during this period focussed on:



How to produce and supply an all year round market for good quality local raised free range pork



The creation of a local tiered Wagyu beef supply group, bringing together dairy farmers, calf rearers and growers/finishers to harness a strong demand for specialist high quality beef



Exploring options that reduce the cost of feeding beef and sheep

Welsh Sheep Programme



Following a successful recruitment drive, the WSGP has recruited 64 new flocks, in addition to 42 flocks who transitioned from the previous HCC Hill Ram Scheme.

During this period, various activities have commenced, including the completion of breeding action plans for each individual flock, the implementation of project work and a variety of knowledge transfer activities based around the Gearing up to Genetics model.

The routine use of genomic breeding values was introduced to WSGP participants in June 2023. The 'breeding for worm resistance' project was established in July, with sampling work commencing in Autumn 2023.

Skills & Training



36

individuals have completed a livestock related training course.

Courses include:

Advanced Sheep Shearing | Cattle Mobility Scoring | DIY AI | Machine Sheep Shearing | First Aid for Feet (Cattle) | Safe Use of Sheep Dip | Safe use of Vet and Med

eLearning



21

individuals have completed Livestock themed modules on a range of topics including:

Anthelmintic Resistance on Sheep Farms

Antimicrobial Resistance (AMR)

Bluetongue in Cattle and Sheep

Bovine TB

Body Condition Scoring (Cattle)

Climate Change and Livestock

Johne's Disease in Cattle

Worms in Pigs

Animal Health and Welfare



20



273



20 training workshops held in this period with 273 attendees, covering a range of livestock topics including:

Flock Fertility Management | Improving Post Weaning Lamb Performance | Maximising Suckler Cow Productivity | Parasite Control in Cattle Part 1: Roundworms & Ectoparasites | Sheep Lameness | Sheep Parasite Control Part 1: Roundworms & Blowfly

