

Disease Alert May 2017

- Worms in cattle
- Anthelmintic resistance

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Parasitic gastroenteritis

- Gut worms typically affecting animals during the first season at grass.
- Pasture is contaminated with worm eggs.
- Eggs hatch and the larvae are ingested.
- Mature in the lining of the abomasum (true stomach), causing damage.



Ostertagia



- Type 1:
 - occurs usually in late summer
 - overwintered larvae multiplied in host
 - sudden onset profuse diarrhoea and weight loss
 - increased time to slaughter or 1st calving
- Type 2
 - larvae ingested in the autumn
 - arrested development
 - synchronised emergence in late winter

Lungworm (Husk)

- Signs include increased respiratory rate and effort and frequent coughing, especially after exercise.
- Diagnosis on faecal exam or post mortem.
- Vaccine is available but immunity requires repeated exposure.
- Use of clean pasture difficult due to longevity of larvae on pasture.



Anthelmintic Resistance



- Important to ensure effective wormers for the future
- Natural variation allows some worms to survive treatment, and pass resistance to their offspring
- Sustainable Control Of Parasites in Sheep (SCOPS)
- Control Of Worms Sustainably (COWS)

SCOPS Principles 1

1. Work out a control strategy with your vet
2. Use effective quarantine strategies to prevent the importation of resistant worms
3. Test for Anthelmintic Resistance
4. Administer anthelmintics effectively



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SCOPS Principles 2



5. Use anthelmintics only when necessary
6. Select the appropriate anthelmintic for the task
7. Adopt strategies to preserve susceptible worms on the farm
8. Reduce dependence on anthelmintics

Also keep an eye out for..



- Contagious Lymphadenitis (CLA)

Jobs for May

- Treat for flies



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Thank you for watching

Please have a go at the clinical
quiz!