

DAMORY LODGE EDWARD STREET BLANDFORD FORUM DORSET DT11 7QT
TEL : 01258 452 626 FAX : 01258 453 548 www.damoryvets.co.uk

COCCIDIOSIS

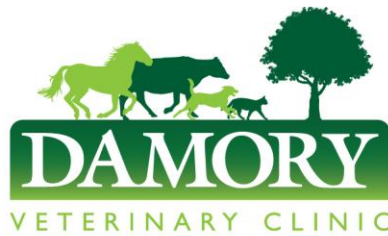
THE FACTS!!

- Caused by ingestion of large numbers of oocysts of *Eimeria zuernii* and *E.bovis* by non-immune cattle
- Most common enteric diagnosis in animals aged 3-12 weeks and most calves infested with the parasite at some point
- Disease seen in housed calves with overcrowding, poor bedding or faecal contamination of feed and water troughs
- Outbreaks also in outside calves, particularly in period soon after turnout
- Can occur all year round if adequate temp and moisture, particularly 3-4 weeks after grouping
- Up to 95% of infections are subclinical and without diarrhoea
- Oocysts are very resistant and can survive for up to 2yrs in suitable environments
- Timing of treatment is the key as by the time symptoms appear most of the damage is done

COSTS OF COCCIDIOSIS – impaired production with growth deficit and ↓milk yield, ↑susceptibility to bacterial infections, antibiotic treatments and electrolyte replacement therapy, mortality.

SYMPTOMS – loss of appetite, ↓feed intake, retarded growth, dehydration, secondary infections, watery diarrhoea with straining, mucus and blood, death if severe.

DIAGNOSIS – confirmed by presence of large numbers of oocysts in faeces sample (sample from 5-20 calves, both affected and unaffected). We can diagnose the presence of coccidial oocysts in our practice lab. but we would require a small faecal sample from more than one animal. It may be important to test those animals that have no obvious clinical signs.



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TREATMENT

There are various treatments available either as in feed treatments such as DECCOX or drenches, VECOXAN and BAYCOX. Over the last year we have trialled all three products and the product that the vast majority of producers appear to be most impressed with, with respect to ease of treatment and response was BAYCOX

- **BAYCOX** – active ingredient = **toltrazuril**
- **One single treatment will protect calves against the effects of coccidial infection for up to 54 days during which time the animals should develop an immunity to reinfection.**

Uses – prevents clinical signs of coccidiosis and ↓oocyst shedding in housed calves replacing dairy cows.

Dosage and Admin – single oral dose 15mg/kg BW or 3ml/10kg BW

Meat Withdrawal= 63 days

- Severely affected calves – 1 dose Baycox +/-replacement electrolyte therapy +/- antibiotics
- Prophylactic treatment of all in contact calves – 1 dose Baycox

PREVENTION – clean and disinfect infected premises, keep bedding dry, regularly clean and move feed troughs to avoid faecal contamination, avoid contaminated grazing areas for at least 1yr.

- If recurrent problem allow 2 weeks exposure to infection allowing stimulation of immunity followed by a single dose of Baycox in pre-patent period