



Disease Alert September 2017 – Summary

*Local farm conditions may change, consult your vet.
Effective worm control should be part of your veterinary health plan.*

For the Disease Alert Webinar please go to www.nadis.org.uk

COW OESTRUS MANAGEMENT

Dairy fertility costs:

- Costs
 - Reduced calf sales
 - Loss of milk
 - Increased culling
- Offset by risk of peri-parturient disease
- System efficiency and carbon footprint also affected

Dairy fertility oestrus detection

- Many and varied methods
- Missed heats
 - Most cows presented for oestrus not observed, or PD negative are cycling normally with a corpus luteum
- Use of prostaglandins
 - Allow more rapid return to oestrus
 - Allow more focussed heat detection



Dairy fertility synchronisation

Double prostaglandin protocol

- PG given on day 0 and day 14
- AI to observed heats
- Fixed time AI at 72-84 hours or 72 AND 96 hours
- (Fixed time AI likely to result in lower conception rates)

Progesterone and PG protocol

- Intravaginal progesterone device implanted on day 0
- Prostaglandin given on day 6
- Progesterone device removed on day 7
- Fixed time AI at 56 hours, or 48 AND 72 hours

GPG “Ovsynch” protocol

- Gonadotrophin releasing hormone (GnRH) given on day 0
- PG given on day 7
- GnRH given on day 9
- Fixed time AI 16-20 hours after last injection
- Oestrus expression often poor

INFECTIOUS KERATOCONJUNCTIVITIS

Signs

- Chlamydia and Mycoplasma involved
- Initially mild conjunctivitis – many self-cure
- Can lead to purulent discharge and ulceration
- Scarring of cornea can cause permanent vision impairment



Treatment

- Various treatments available
- Poor protective immunity leads to many recurrent cases

Prevention

- Ensure good biosecurity to avoid purchasing disease into a naïve flock
- Can spread rapidly in close contact
- Ensure enough feed space at troughs/feeders
- Adverse weather also a risk

ALSO KEEP AN EYE OUT FOR.....

- Lungworm
- Acute Fluke

JOBS FOR SEPTEMBER

- Check feet prior to tugging
- Consider testing transition cows for NEFAs

Prevention is better than cure

Plan for health with your vet - get a veterinary health plan

To view a **WEBINAR (video)** of the full Disease Alert please click

WATCH THE WEBINAR

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