

***Campylobacter fetus* Emergency Vaccine**



- ◆ NWL (formerly LVL) emergency vaccine has been successfully used to reduce reproductive failure in many beef herds, both in the Scottish Borders and Northern England, where *Campylobacter fetus* infection has become endemic.
- ◆ All emergency vaccines are “tailor made” for each application, using a bacterial isolate from infected animals on a specific farm/unit. Efficacy therefore cannot be guaranteed. However, this dead vaccine is made to a high titre with an oily adjuvant to maximise antigenic challenge.
- ◆ Emergency vaccines must be licensed under Veterinary Medicines Directorate (VMD) regulations. It takes approximately 6 - 8 weeks for NWL to manufacture the vaccine. Licences may be renewed annually. The licence states the maximum volume of vaccine that can be supplied. It is therefore important to accurately assess the number of animals likely to require vaccination, allowing for herd replacements etc.

Procedure

- ◆ It is advisable to arrange for the initial isolate of the pathogen to be preserved (and transported to NWL if the organism was isolated elsewhere) as it may be difficult to recover later.
- ◆ Contact NWL for a licence application form.
(Obtaining a licence does not oblige you to go ahead with vaccine manufacture.)
- ◆ Vaccination protocol:

Initial course - 2 doses of 2 ml vaccine 2 - 4 weeks apart

Annual booster -1 dose of 2 ml vaccine

Costs

Licensing cost: £110.00 + VAT, renewable annually
 1 litre vaccine: £1380 + VAT
 (Smaller volumes pro rata, minimum order value
 £290.00 + VAT)
 Storage of isolate: £65.00 + VAT per year
 Carriage: £30.00 + VAT

Need more information?

Please ring NWL to discuss your case in detail.