



***Campylobacter fetus* Emergency Vaccine**



- ◆ 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 4 - 6 weeks for LVL to issue a licence, which then requires renewing every 12 months. 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 LVL if the organism was isolated elsewhere) as it may be difficult to recover later.
- ◆ Contact LVL 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 (01 Jan 06—01 Jan 07—PRICES HELD)

Licensing cost: £80.00 + VAT, renewable annually

50 ml vaccine: £62.50 + VAT

100 ml vaccine: £125.00 + VAT

(Vaccine is supplied in multi dose plastic vials.)

© Leeds Veterinary Laboratories 2006

Need more information?

Please ring LVL to discuss your case in detail.



Millcroft, Gate Way Drive
Yeadon, LEEDS
LS19 7XY

Tel: 0113 250 7556
Fax: 0113 250 0198
Email: lvl@lvlabs.com

Info sheet 16./07 Apr 06