

**Risk-Based Vaccination Guidelines:**  
**Vibriosis (*Campylobacter fetus* spp.) and Leptospirosis (*Leptospira* spp.)**

Have infertility, low pregnancy rates, unusually long calving seasons, abortions, or stillbirths (calves born dead or that died within 24 hrs) been problems within the herd in the last few years?\*

**Vaccines should always be given according to label instructions.**

\*Several causes of infertility, abortion, and stillbirths, including Leptospirosis, in cattle may be transmitted to humans.

Always handle aborting cattle and stillborn calves with care and be sure to use good hygiene.

Review your herd's risk of reproductive diseases and best management practices with your veterinarian.

These diseases may also cause other clinical symptoms in cattle of various ages. See Fact Sheets.

Always discuss any new, unusual, or high frequency diseases in your herd with your veterinarian.

Was a diagnostic investigation conducted to determine the cause(s)?

Yes No

Consider doing a herd investigation.

What was isolated as the cause of the problem(s)?

Other/Nothing

Campylobacter

Leptospiris\*

Has your herd been vaccinated against Campylobacter within the past year?

Yes

No

Discuss additional diagnostics and/or prevention and control strategies with your veterinarians.

Has your herd been vaccinated against Leptospirosis within the past year?

No

Vaccinate replacement heifers, cows, ± bulls\*\* at least twice pre-breeding, according to label instructions. Consider annual re-vaccination.

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\*\*Bulls that are candidates for export or entry to breeding or AI centres are subject to testing and will be excluded if previously vaccinated against various diseases. Discuss with your veterinarian prior to vaccinating any bulls.