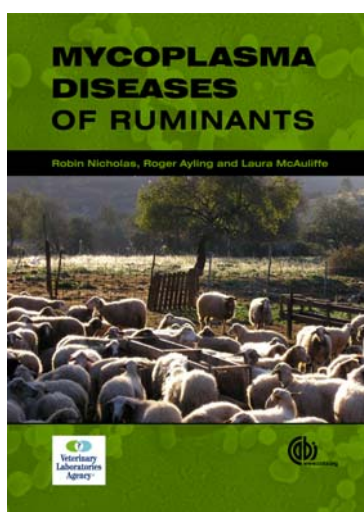


new book information from CABI



Mycoplasma Diseases of Ruminants

By **R Nicholas**, **R Ayling** and **L McAuliffe**, all
 Veterinary Laboratories Agency, UK

November 2008 239 pages HB 978 0 85199 012 5

£75.00/US\$150.00/€120.00

Subject Classification: PSVL, TWD, TWMP
 Territorial Market Rights: World

Mycoplasmas cause some of the most serious and economically significant diseases in livestock and pose major problems for animal health authorities worldwide. Infection has spread in the last five years to new regions and species, but little effective control is available, particularly in developing countries.

This work encapsulates the latest research and development on mycoplasmas in sheep, goats and cattle from laboratories all over the world, describing both conventional diagnostic techniques for growth and identification and newly established procedures such as PCR/DGGE. Molecular typing methods are also covered, specifically for use in mycoplasma fingerprinting as well as up to date reviews on the major mycoplasma diseases including contagious bovine and caprine pleuropneumonias, contagious agalactia and many conditions caused by *Mycoplasma bovis*.

Audience:

Veterinary practitioners, researchers and authorities

Contents:

Part I: Methods

1. In vitro culture of mycoplasmas from ruminants
2. Detection and differentiation of mycoplasmas by PCR/DGGE
3. Detection of mycoplasma using polymerase chain reaction (PCR)
4. Molecular typing of mycoplasmas
5. Antigenic analysis of mycoplasmas
6. Antimicrobial sensitivity testing

Part II: Diseases

7. Contagious bovine pleuropneumonia
8. Contagious agalactia.
9. Contagious caprine pleuropneumonia.
10. Bovine respiratory disease
11. Respiratory disease in small ruminants
12. Eye infections of ruminants
13. Reproductive diseases of cattle
14. New, emerging and unculturable mycoplasmas of ruminants

