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The Bovine PRACTITIONER

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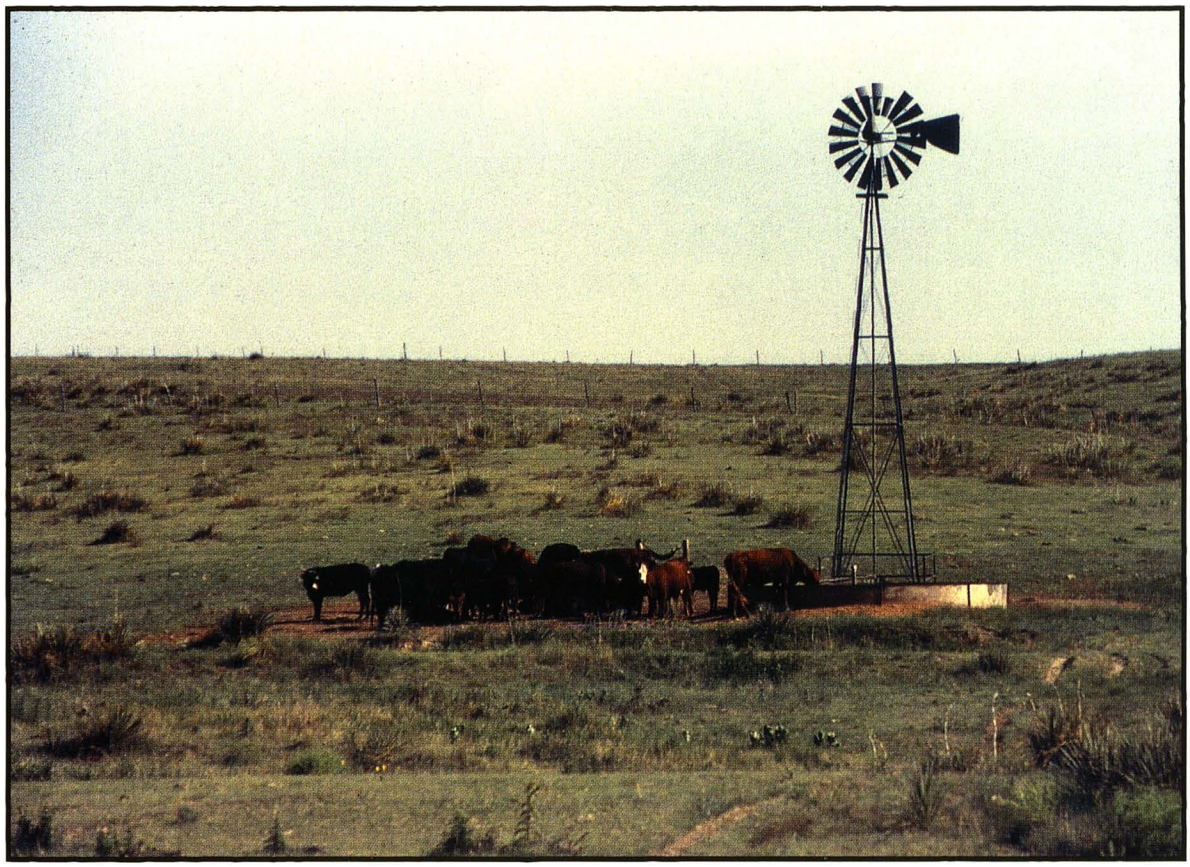
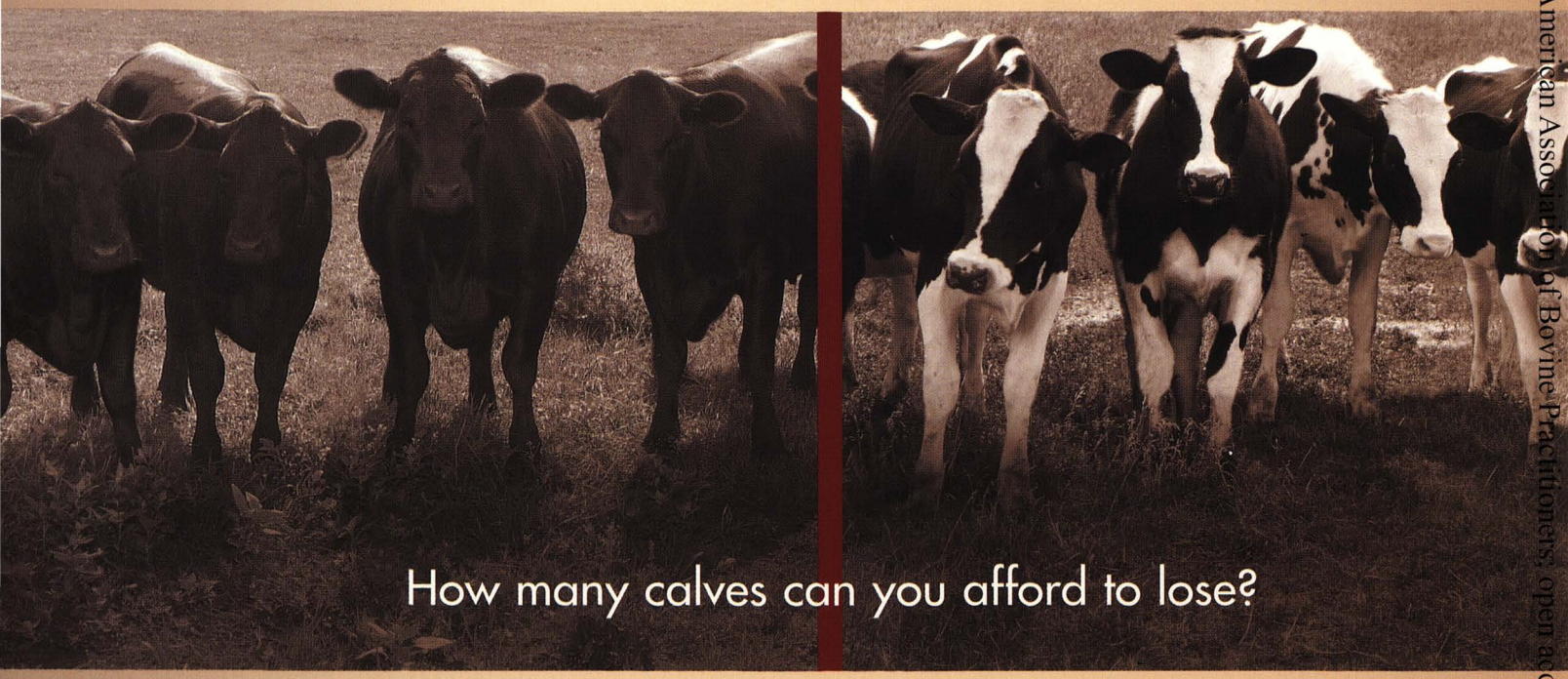


39th ANNUAL CONVENTION

American Association of Bovine Practitioners
Saint Paul, Minnesota
September 21-23, 2006

Lepto hardjo-bovis can cause early embryonic death.[1]



Hardjo-bovis is a lepto that lowers conception and causes missed pregnancies. Fortunately there's Spirovac.

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1 Smith, BP, Mosby: *Large Animal Internal Medicine*, 3rd ed. St. Louis, Mo., 2002.
*Based on published label indications.

BEEF FRIENDLY TAKE TIME OBSERVE LABEL DIRECTIONS

Pfizer Animal Health

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Copies of THE BOVINE PRACTITIONER are available to non-members for $25.00 per copy, surface mail, or $33.00, airmail (overseas). **Contact editor for details.**

Do not use in female dairy cattle 20 months of age or older, as use in lactating dairy cattle may cause milk residues. Not for use in cattle of breeding age. Do not use for calves to be processed for veal. Full product information found on the following page.

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BRIEF SUMMARY
(For full Prescribing Information, see package insert.)

NADA #141-063, Approved by FDA.

Nuflor®
(FLORFENICOL)
Injectable Solution 300 mg/mL

For Intramuscular and Subcutaneous Use in Cattle Only.
CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

DESCRIPTION: NUFLOR is a solution of the synthetic antibiotic florfenicol. Each milliliter of sterile NUFLOR Injectable Solution contains 300 mg of florfenicol, 250 mg n-methyl-2-pyrrolidone, 150 mg propylene glycol, and polyethylene glycol q.s.

INDICATIONS: NUFLOR Injectable Solution is indicated for treatment of bovine respiratory disease (BRD) associated with *Mannheimia (Pasteurella) haemolytica, Pasteurella multocida*, and *Haemophilus somnus*, and for the treatment of bovine interdigital phlegmon (foot rot, acute interdigital necrobacillosis, infectious pododermatitis) associated with *Fusobacterium necrophorum* and *Bacteroides melaninogenicus*. Also, it is indicated for the control of respiratory disease in cattle at high risk of developing BRD associated with *Mannheimia (Pasteurella) haemolytica, Pasteurella multocida*, and *Haemophilus somnus*.

RESIDUE WARNINGS: Animals intended for human consumption must not be slaughtered within 28 days of the last intramuscular treatment. Animals intended for human consumption must not be slaughtered within 38 days of subcutaneous treatment. Do not use in female dairy cattle 20 months of age or older. Use of florfenicol in this class of cattle may cause milk residues. A withdrawal period has not been established in preruminating calves. Do not use in calves to be processed for veal.

WARNINGS: NOT FOR HUMAN USE. KEEP OUT OF REACH OF CHILDREN. This product contains materials that can be irritating to skin and eyes. Avoid direct contact with skin, eyes, and clothing. In case of accidental eye exposure, flush with water for 15 minutes. In case of accidental skin exposure, wash with soap and water. Remove contaminated clothing. Consult a physician if irritation persists. Accidental injection of this product may cause local irritation. Consult a physician immediately. The Material Safety Data Sheet (MSDS) contains more detailed occupational safety information.

For customer service, adverse effects reporting, and/or a copy of the MSDS, call 1-800-211-3573.

CAUTION: Not for use in cattle of breeding age. The effects of florfenicol on bovine reproductive performance, pregnancy, and lactation have not been determined. Intramuscular injection may result in local tissue reaction that persists beyond 28 days. This may result in trim loss of edible tissue at slaughter. Tissue reaction at injection sites other than the neck is likely to be more severe.

ADVERSE EFFECTS: Inappetence, decreased water consumption, or diarrhea may occur transiently following treatment.

DOSAGE AND ADMINISTRATION: For treatment of bovine respiratory disease (BRD) and bovine interdigital phlegmon (foot rot): NUFLOR Injectable Solution should be administered by intramuscular injection to cattle at a dose rate of 20 mg/kg body weight (3 mL/100 lbs). A second dose should be administered 48 hours later. Alternatively, NUFLOR Injectable Solution can be administered by a single subcutaneous injection to cattle at a dose rate of 40 mg/kg body weight (6mL/100 lbs). Do not administer more than 10 mL at each site. **The injection should be given only in the neck.**

NOTE: Intramuscular injection may result in local tissue reaction that persists beyond 28 days. This may result in trim loss of edible tissue at slaughter. Tissue reaction at injection sites other than the neck is likely to be more severe.

For control of respiratory disease in cattle at high-risk of developing BRD: NUFLOR Injectable Solution should be administered by a single subcutaneous injection to cattle at a dose rate of 40 mg/kg body weight (6 mL/100 lbs). Do not administer more than 10 mL at each site. **The injection should be given only in the neck.**

Clinical improvement should be evident in most treated subjects within 24 hours of initiation of treatment. If a positive response is not noted within 72 hours of initiation of treatment, the diagnosis should be reevaluated.

Made in Germany

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Cover photo courtesy of Dr. Bob Smith. Other photos courtesy of Dr. Bob Smith and Dr. Dick Wallace.

The abstracts were translated in French by Dr. Guy Beauchamp and revised by Dr. Emile Bouchard.

BOOK NEWS

Beef Practice: Cow-Calf Production Medicine

By Peter J. Chenoweth and Michael W. Sanderson

Publication Date: December 2004

Beef Practice: Cow-Calf is a comprehensive reference book for students in animal science and veterinary medicine, practitioners, and nutritionists who work with beef producers. Combining beef production and veterinary epidemiology, diagnosis and treatment, this title provides access to clear, concise, and comprehensive information for veterinarians and animal scientists working with beef producers. Dealing primarily with the cow-calf stocker system, Chenoweth and Sanderson also address issues of reproduction, nutrition, and the overall health of cows and calves.

Contents Include:

- Introduction
- Principles
- Records and Epidemiology
- Herd Health
- Biosecurity for Beef Production
- Nutrition
- Behavior Handling
- Replacement Heifers
- Bulls
- Assisted Reproduction
- Calves and Calf Management
- Economics
- Quality Assurance
- Welfare
- Environment

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