

Disease Control Guide

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Disease Control Guide 1986

How To Use This Guide

All disease descriptions are condensed and expressed in simplified language. Each disease description contains the following information: general description, transmission, signs (symptoms), diagnosis, prevention, treatment. In cases involving a family of diseases (i.e., respiratory diseases, clostridial diseases), a description is provided in terms of the disease complex. Then, individual diseases making up the complex are described separately.

Product listings follow disease descriptions. These listings are provided by marketing companies in accordance with approved labeling. This makes it possible to organize them according to ingredients and type. All products are individually coded three ways: available from veterinarians only (*), and whether they are used for prevention (P), treatment (T) or prevention and treatment (PT).

This guide is not intended to be a definitive reference enabling cattle owners to fully diagnose and treat diseases. It should be used to supplement existing knowledge. The services of a veterinarian should be used to diagnose diseases, select drugs and evaluate treatment results.

LEPTOSPIROSIS

Leptospirosis is a bacterial disease that affects most farm animals and humans.

TRANSMISSION: Ingestion of contaminated feed or water is the natural route of spread.

CLINICAL SIGNS: Calves—increased temperature, anemic, labored breathing, discolored urine, off feed. Cow—Abortion (7th month most common), anemic, icteric, elevated temperature.

DIAGNOSIS: Leptospirosis is diagnosed by clinical signs and blood test. At least five causative organisms have been identified.

PREVENTION: Vaccination. Select a vaccine that will control infecting organisms. Drain water holding areas.

TREATMENT: The following antibiotics are effective for treating Leptospirosis: Oxytetracycline; Chlorotetracycline; Streptomycin; and Penicillin.

VACCINES

1-Way

L. pomona

Ceva Laboratories, Inc.	CVAC-Lepto Pomona Bacterin (P)
Farmland Industries	Coop Lepto-P (P)
Lextron, Inc.	Lepto Pomona Bacterin (P)
Norden Laboratories	Leptoform-P* (P)

3-Way

L. grippotyphosa-hardjo-pomona combinations

Colorado Serum Co. Lepto-3 GHP Bacterin (P)

5-Way

L. grippotyphosa-hardjo-pomona-icterohemorrhagiae-canicola combinations

Affiliated Laboratories	Leptex 5 (P)
Agri Laboratories, Ltd.	Lepto-5 (P)
Anchor	Lepto 5 (P)
Bio-Ceutic	Spiracon 5* (P)
Beecham Laboratories	Leptomune-5* (P)
Ceva Laboratories, Inc.	CVAC Leptospora Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin (P)
Colorado Serum Co.	Lepto-5 C.I.G.H.P. Bacterin (P)
Coopers Animal Health	Leptavoid 5 (P)
Cutter Animal Health	Leptospirol 5 (P)
Diamond Scientific Co.	Lepto-5 (P)
Durvet	Lepto 5 (P)
Farmland Industries	Coop Lepto 5 (P)

Fort Dodge	Ultralep 5* (P)
Franklin Laboratories	Combi-Lepto 5 (P)
Grand Laboratories, Inc.*	5-way Lepto* (P)
Haver	Havo-Lepto 5* (P)
Lextron, Inc.	Lepto 5 (P)
Norden Laboratories	Leptoform 5* (P)
Salsbury Laboratories	Salsbury LeptoBac 5 (P)
Tech America	Lepto 5* (P)

6-Way

L. pomona, canicola, icterohemorrhagiae, hardjo, grippotyphosa, szwajizak

Grand Laboratories, Inc.* 6-way Lepto* (P)

OTHER COMBINATIONS

Leptospirosis bacterins in combinations with other vaccines

Affiliated Laboratories	Bovahail/5L (P)
Agri Laboratories, Ltd.	Cow-Vac (P)
	IBR-Lepto-P (P)
	IBR-PI ₃ Lepto-P (P)
	IBR-BVD-Lepto-P (P)
	IBR-BVD-PI ₃ -Lepto-P (P)
	IBR-BVD-PI ₃ -Lepto-5 (P)
	ResProMune IBL (P)
	ResProMune IBL-5 (P)
	ResProMune IBL-Somnu-mune (P)
	Vibrio-Lepto 5 Vaccine (5)
Anchor	Breed Back 10 (P)
	IBR-BVD-PI ₃ -Lepto 5 (P)
	Vibrio-Lepto 5 (P)
	Vibrio-Lepto 5-Somnus (P)
Beecham Laboratories	Vibromune 5L* (P)
Bio-Ceutic	Breed Back 10* (P)
	IBR-BVD-PI ₃ -Spiracon 5* (P)
	Vibo 5* (P)
	Vibo 5-Somnugen* (P)
Ceva Laboratories, Inc.	CVAC IBR-Lepto (P)
	CVAC IBR-BVD/Lepto (P)
	CVAC-8 IBR-BVD/PI ₃ with 5-way Lepto (P)
Colorado Serum Co.	Respira 8 (P)
	Bovib (P)
Coopers Animal Health	Bovira IBL 5 (P)
	Bovira IBL 5 (P)
	Bovira IL (P)
	Coopervax 5-way Plus Lepto (ML + Leptavoid) (P)
Cutter Animal Health	Vibralone HL-5 (P)
	Vibralone L-Vibralone L5 (P)
	Boceptol-Paraboceptol (P)
	Virol 8 (P)
Farmland Industries	Coop Cow Vac 9 (P)
	Coop IBR-BVD-PI ₃ -Lepto Vaccine (P)
	Coop IBR-BVD-PI ₃ -Lepto 5 Vaccine (P)
	Coop IBR-BVD-Lepto Vaccine (P)
	Coop IBR-Lepto Vaccine (P)
	Coop Defender IBR-BVD-Lepto Vaccine (P)
	Coop Defender IBR-BVD-Lepto 5 Vaccine (P)
	Coop Parvo-Lepto 5 Vaccine (P)
	Coop Vibrio-Lepto 5 Vaccine (P)
Franklin Laboratories	Vibri-Lepto 5 (P)
Grand Laboratories, Inc.*	Kilvira 4 + 5-way Lepto* (P)
	Viragard 10* (P)
	Vibgard 6* (P)
Haver	Vibrio-Bac HL 5* (P)
	Vibrio Bac L-Vibrio Bac L5* (P)
Lextron, Inc.	Cow-Vac (P)
	IBR-Lepto P (P)
	IBR-PI ₃ -Lepto P (P)
	IBR-BVD-Lepto P (P)
	IBR-BVD-PI ₃ -Lepto P (P)
	IBR-BVD-PI ₃ -Lepto 5 (P)
Norden	IBR-BVD-Lepto 5* (P)
	Preg-Guard 9* (P)
	Resbo BVD-LP* (P)
	Resbo IBL* (P)
	Resbo IBR-BVD-LP* (P)
	Resbo IBL-LP* (P)
	Resbo 4* (P)
	Resbo 8* (P)

Schering Corporation
Tech America

Pilgurd Pinkeye + 6/S* (P)
Herd Vac 9* (P)
IBR-BVD-PI₃-Lepto-5* (P)
Premier IBL 5* (P)
Premier IBL 5* (P)
Premier IBL-Somnutech* (P)
Vibrio-Lepto (5)* (P)

ANTIBACTERIALS

Oxytetracycline

Agri Laboratories, Ltd.	Agrimycin-50 (T)
	Agrimycin-100 (T)
Anchor	Oxytel 50 (T)
	Oxytel 100 (T)
Bio-Ceutic	Bio Mycin + Bio Mycin C* (T)
Cadco, Inc.	Terramycin 50 (T)
	Terramycin 100 (T)
Durvet	Duramycin 100 (T)
	Duramycin 50 (T)
	Oxyject 100 (T)
Farmland Industries	Coop Anaject 50 (T)
	Coop Anaject 100 (T)
Lextron, Inc.	TerraVet 50 (T)
	TerraVet 100 (T)
Pfizer	Terramycin (T)
	Terramycin Injectable 100 (T)
	Liquamycin* (T)
	Liquamycin 100* (T)
	Liquamycin LA-200 (T)
	Oxyject 100 (T)
Quality Plus Products	Medamycin Inj. 50 mg/cc* (T)
Tech America	Medamycin 100 mg/cc* (T)

Penicillin-Dihydrostreptomycin

Agri Laboratories, Ltd.	Penicillin Dihydro-Strep (T)
Anchor	Combination Antibiotic (T)
Durvet	Pen-Dihydro (T)
Purina Mills, Inc.	PMI II (T)
Tech America	Pen-Strep* (T)

Penicillin G Procaine-Dihydrostreptomycin

Agri Laboratories, Ltd.	Penicillin Dihydro-Strep (T)
Farmland Industries	Coop Duo Biotic (T)
Lextron, Inc.	Penicillin Dihydro-Strep (T)
Pfizer	Combiclot (T)
Solvay Veterinary Inc.	Districillin* (T)
Tech America	Pen-Strep* (T)

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