



BOVIMUN PREMIUM PROTECTION

Cattle vaccination? Trust BOVIMUN line!

BOVIMUN 4

Combined vaccine against the Bovine Reproductive and Respiratory Diseases complex, lyophilisate + suspension as a solvent for injection

One dose (3.0 ml) contains:

Suspension:

- Infectious Bovine Rhinotracheitis virus, strain BM $\geq 10^{7.0}$ TCID₅₀
- Bovine Parainfluenza-3 virus, strain BR-11 ≥ 480 HAU
- Bovine Diarrhea virus, strain D-13 $\geq 10^{6.0}$ TCID₅₀

Lyophilized component:

- Live Virus of Bovine Respiratory Syncytial Infection, strain PC-09 $\geq 10^{4.0}$ TCID₅₀

BOVIMUN 4 stimulates the formation of immunity to a protective level against Infectious Rhinotracheitis, Viral Diarrhea, Parainfluenza-3, and Bovine Respiratory Syncytial Infection 2 weeks after vaccination. It guarantees 12-month protection. Safe for use in cows: administration at any stage of pregnancy and lactation does not cause an adverse reaction in animals.

Intramuscular administration.

Convenient release forms: 10 doses and 30 doses.

Reproductive and Respiratory Diseases



Vaccination program



Studies on laboratory (rabbits) and productive (calves) animals have determined the optimal ratio of antigens in the vaccine and the antigen-adjuvant ratio of 60/40, respectively, for the formation of protective antibodies in vaccinated animals. Maximum preservation of the immunogenic properties of the vaccine due to proven methods of inactivation of each vaccine virus.

BOVIMUN NEO

Inactivated polyvalent vaccine against Neonatal Diarrhea (Calf Scours), in injectable suspension

One dose (2.0 ml) contains:

- Cattle rotavirus, strain RP-182 ≥ 7.0 Ig TCID₅₀
- Cattle coronavirus, strain CV-315 ≥ 256 HAU
- *Escherichia coli*, strain EC18 ≥ 9.0 Ig CFU
- *Clostridium perfringens* type C, strain Cl.p.-19, toxoid ≥ 20.0 IU

BOVIMUN NEO forms specific immunity in vaccinated cows or heifers to the most common causative agents of calf diarrhea. The resulting antibodies are transferred with colostrum and provide passive protection up to 45 days of age.

Intramuscular administration. Available in doses: 5, 25, 50.

Neonatal Diarrhea (Calf Scours)



Vaccination program



BOVIMUN MAST

Inactivated polyvalent vaccine against Mastitis, in injectable suspension

One dose (5.0 ml) contains:

- *Streptococcus agalactiae*, strain St.ag-19 ≥ 8.0 Ig CFU
- *Streptococcus uberis*, strain St.ub-19 ≥ 8.0 Ig CFU
- *Staphylococcus aureus*, strain Staph.au-19 ≥ 8.0 Ig CFU
- *Escherichia coli*, strain UA J5 ≥ 9.0 Ig CFU

The prevention of clinical and subclinical mastitis and postpartum endometritis caused by the above pathogens. A protective immune response is formed 8-10 days after double administration, which lasts up to 6 months. Vaccinated cows transfer immunoglobulins through colostrum, which protects newborn calves.

Intramuscular administration. Available in doses: 2, 10, 20.

Mastitis of cows



Vaccination program





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BOVIMUN LSD

Live vaccine against Lumpy Skin Disease (Nodular Dermatitis), lyophilisate + solvent for injection

Based on the Neethling strain. According to WOA and FAO recommendations, homologous vaccines based on the Neethling strain provide more effective prevention of LSD compared to vaccines based on Sheeppox virus strains. These vaccines have been in use for over 60 years, and to date, there have been no reports of vaccine virus regaining virulence in vaccinated herds. Mass vaccination against LSD with live vaccines based on the Neethling strain is considered the most effective control measure in the EU and most countries in Asia and Africa, including from an economic standpoint.

Fast active immunity formation. BOVIMUN LSD stimulates the formation of immunity 10 days after a single vaccination. Active immunity occurs on the 21st day after immunization, and the duration of immunity is up to 1 year.

Safe for pregnant cows. BOVIMUN LSD is formulated to ensure the safety of pregnant cows. This means farmers can administer the vaccine at any time of year. Milk from vaccinated cows is used without restrictions.

Subcutaneously administration. Available in doses: 5, 10, 25, 50, 100.

Lumpy Skin Disease



Vaccination program



One dose of BOVIMUN LSD vaccine (1.0 ml) contains Lumpy Skin Disease virus, Neethling strain $> 10^{3.8}$ TCID₅₀. This vaccine has higher antigen activity than the main competing vaccines that have a single immunizing dose (2.0 ml) containing $> 10^{3.5}$ TCID₅₀. This is the result of modern high-performance technologies for purification and concentration of viruses used in BIOTESTLAB.

ANTIBIOTICS

Injectable

AMOXAN	Suspension of amoxicillin 15%, micronized, L.A.
PREMIUM	
CEFTIFUR-50	Suspension of ceftiofur 5%
CLAMOXAN	Suspension of amoxicillin 14% + clavulanic acid 3.5%
DANOXAN-25	Solution of danofloxacin 2.5%
ENROXAN-50	Solution of enrofloxacin 5%
ENROXAN-100	Solution of enrofloxacin 10%
ENROXAN MAX	Suspension of enrofloxacin 10%, L.A.
FLOCINE-300	Solution of florfenicol 30%
OTC-200 L.A.	Solution of oxytetracycline 20%, L.A.
PHARMAXIN-200	Solution of tylosin 20%
SPECTRAN	Suspension of amoxicillin 15% + betamethasone
TILMICON-300	Solution of tilmicosin 30%
TULAXAN	Solution of tulathromycin 10%

Oral

ENROCOLIN	Solution of enrofloxacin 1% + colistin 100M IU
ENROXAN-100	Solution of enrofloxacin 10%
TILMICON-250	Solution of tilmicosin 25%
TRICOLIN	Solution of enrofloxacin 10% + trimethoprim 3% + colistin 0.5M IU

Powders

COLIDOXYN	Powder of colistin 2.4M IU + doxycycline 25%
COLISTO 6M	Powder of colistin 6M IU
COLITYL P	Powder of colistin 1M IU + tylosin 5%
DOXAN-50	Powder of doxycycline 50%
PHARMADOX P	Powder of doxycycline 10% + tylosin 10%

NSAID / NSAID + ANTIBIOTIC

KETOPRO-100	Solution of ketoprofen 10%, injectable
KETAFUR	Suspension of ketoprofen 15% + ceftiofur 5%, injectable

ANTIPARASITICS

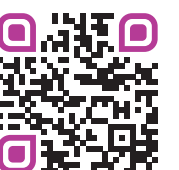
CLOSLIVERON	Solution of closantel 10% + ivermectin 0.8%, injectable
DORAN	Solution of doramectin 1%, injectable
IVERON-10	Solution of ivermectin 1%, injectable

ANTICOCCIDIAL

TOLTRASAN-50	Oral solution of toltrazuril 5%
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VITAMIN AND MINERAL COMPLEXES

AMINOVITOL	Vitamins and amino acids, oral solution
HEPACARNITOL	Hepatoprotector, oral solution
L-CYN	Vitamins B12, B3, L-carnitine, butaphosphan, injectable
STIMULUS	Complex of biologically active substances, injectable



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