



# CATALOG



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**Production area  
for veterinary drugs**



**Quality control  
at every stage**



**LLC «Labpharma» was founded in 2011.**



**At LLC «Labpharma» a complete innovative cycle is organized – from in-house research and development to own production.**

**LLC «Labpharma» holds a certificate of compliance for veterinary medicinal products according to the GMP requirements of the Eurasian Economic Union (EAEU).**

**Our quality control laboratory is accredited according to GOST ISO/IEC 17025-2019 (ISO/IEC 17025:2017).**

**LLC «Labpharma» provides scientific and consulting support. The company employs qualified specialists, including three PhD holders, who can offer practical assistance in addressing issues related to nutrition and veterinary care, including metabolic disorders, prevention of limb diseases, gastrointestinal infections, as well as improving weight gain, milk yield, and animal preservation.**

**Our specialists have participated in the development of numerous veterinary-sanitary regulations, methodological recommendations, and the Republican regulation "Organizational and technological requirements for milk production at industrial dairy complexes."**

**In 2021, by decree of the President of the Republic of Belarus, LLC «Labpharma» was included in the Innovation Development Program for 2021-2025.**



**Feed additives  
production area**



**Scientific Support  
and Training**



## **INCREASE PRODUCTIVITY AND REDUCE COSTS?**

We provide scientific support on feeding issues, improving productivity, and animal preservation. We help formulate feeding rations for your animals using the professional HYBRIRIM Futter program. We also assist in organizing comprehensive blood biochemistry analysis and provide recommendations for restoring metabolic processes.



## **HOOF DISEASES? THERE IS A SOLUTION!**

We have developed a technically feasible comprehensive prevention scheme for hoof diseases in cattle, which includes feed balancing, normalization of rumen digestion, treatment of limbs, normalization of calcium-phosphorus metabolism using UV lamps of spectrum B. This scheme has been successfully tested in many livestock complexes. We are ready to implement it in your farm with our support and training of your specialists.



## **HIGH SOMATIC CELL COUNT?**

Proper udder treatment in cows (before and after milking) is essential for mastitis prevention and reducing somatic cell count in milk. For this purpose, special sanitary and hygienic agents are used, as well as hydrogen peroxide, lactic acid, iodine, chlorhexidine, etc. However, microorganisms quickly adapt to these agents, and some (e.g., *Staphylococcus aureus*, fungi) have high resistance. Agents capable of overcoming this resistance are required. For this purpose, we recommend using products based on quaternary ammonium compounds — OPTIMA PRE LUX, OPTIMA GEL LUX — when somatic cell count exceeds 300,000.



## **ANTIBIOTICS NOT BEING ELIMINATED?**

Often you face situations where you cannot change the feed composition and have to use the available feed base. Poor quality feed negatively affects animal health, primarily impacting the liver. As a result — premature culling of animals, decreased productivity, and prolonged antibiotic withdrawal periods. We offer a comprehensive set of measures to normalize liver function using synthetic bile acids RONEON-LF.

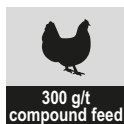
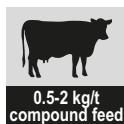
# **COMPREHENSIVE SURVEY (AUDIT) OF THE FARM IN THE FIELD OF VETERINARY AND FEEDING**

## **WORK SCHEME**

1. Farm visit by our specialists.
2. Clinical examination of animals. Herd management analysis.
3. Identification of hidden metabolic disorders through blood biochemistry analysis.
4. If necessary — organization of additional laboratory tests.
5. Feed ration analysis using the German feeding system program — Hybrimin Futter (HYBRIMIN Futter).
6. Identification of main feeding and animal health problems that hinder increased milk productivity and reduce premature culling of animals.
7. Discussion of the economic component:
  - the damage caused by the identified problem;
  - the results we plan to achieve (for example, increase milk productivity by 10%, reduce compound feed consumption to 1.5 kg per day, reduce the number of newly detected lame cows, etc.);
  - the cost of recommended measures (additives, veterinary drugs).
8. Coordination with specialists on the technical feasibility of implementing these measures. Training of your specialists is provided.
9. Organization of the implementation of this scheme with mandatory results reporting (for example, after 1 month). Analysis of initial data on productivity and preservation, followed by comparison with data obtained after the measures are implemented.
10. Based on data analysis, if necessary, adjustments are made to the action plan in cooperation with your specialists.

# BIOROST M

## Next-generation probiotic



Packaging: 10, 25 kg

**For gastrointestinal tract pathologies, to increase survival and productivity**

### Composition:

Probiotic bacteria *Bacillus subtilis* and *Bacillus licheniformis* with an activity of at least  $1 \times 10^9$  CFU/g, mineral filler, yeast cell walls.

**Applied by mixing into compound feed, premixes, feed mixtures**

### Using the probiotic BIOROST M allows you to:

- Improve digestibility of coarse feeds, reduce the amount of concentrates due to high enzymatic activity of bacteria.
- Reduce the negative impact of low-quality feeds, neutralize microorganisms.
- Increase weight gain, milk productivity, and milk fat content.
- Provide prevention and minimize diseases such as acidosis (and related lameness), clostridiosis, necrobacteriosis.
- Reduce negative effects of post-vaccination, technological, and other stresses.



link to the  
instructions

# BIOROST C

Next-generation probiotic for animal feeding

300 g/t milk replacer	150 g/t water	150 g/t water	1-7 g per head	300 g/t compound feed	0.2-1 g per head	1 g per 1 liter of syrup



**For gastrointestinal tract pathologies, to increase survival and productivity**

## Composition:

Probiotic bacteria *Bacillus subtilis* and *Bacillus licheniformis* with an activity of at least  $1 \times 10^9$  CFU/g, mono- and disaccharides.

**Applied by adding to water and milk**

Packaging: 10, 25 kg

## Using the probiotic BIOROST C allows you to:

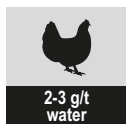
- Prevent diarrhea in young animals, increase immunity and survival of young stock.
- Minimize chronic diseases such as streptococcosis, staphylococcosis, salmonellosis, clostridiosis, colibacillosis.
- Improve vaccination effectiveness – post-vaccination antibodies in blood serum remain at high levels for a longer time.
- Increase weight gain (due to high enzymatic activity).
- Reduce negative effects of post-vaccination, technological, and other stresses.



link to the  
instructions

# BIOROST CONCENTRATE

Next-generation probiotic concentrate  
for animal drinking



Packaging: 10 g

**For gastrointestinal tract pathologies, to increase survival and productivity**

## **Composition:**

Probiotic bacteria *Bacillus subtilis* and *Bacillus licheniformis* with an activity of at least  $1 \times 10^9$  CFU/g.

**Applied by adding to water and milk**

**Using the probiotic BIOROST CONCENTRATE allows you to:**

- Prevent diarrhea in young animals, increase immunity and survival of young stock.
- Minimize chronic diseases such as streptococcosis, staphylococcosis, salmonellosis, clostridiosis, colibacillosis.
- Improve vaccination effectiveness – post-vaccination antibodies in blood serum remain at high levels for a longer time.
- Increase weight gain (due to high enzymatic activity).
- Reduce negative effects of post-vaccination, technological, and other stresses.



link to the  
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# RUNEON LF

## Liver protection and toxin absorption Hepatoprotector

			
0.7-1.0 кг/т комбикорма	0.5-0.7 кг г/т комбикорма	1.0-1.2 кг/т комбикорма	0.5-0.7 кг г/т комбикорма



Packaging: 10, 20 kg

**Cholagogue for liver cell regeneration**

### Composition:

Bile acids with a mass fraction of 9% in a filler (diatomite grit)

**Applied by mixing into compound feed, premixes, feed mixtures**

Feed Additives

### RUNEON LF additive has several properties:

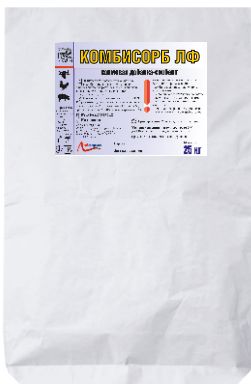
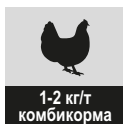
- Improves liver function (restores liver cells) and bile ducts (normalizes bile secretion).
- Sorbents and accelerates the excretion of toxins (including mycotoxins, antibiotics, coccidiostats).
- Improves the digestibility of nutrients in feed, especially fats, by emulsifying and increasing lipase activity.
- Reduces animal culling after calving by preventing ketosis and liver diseases.
- Increases productivity through more efficient use of fats.



link to the  
instructions

# KOMBISORB LF

## Combined mycotoxin sorbent



Packaging: 10, 25 kg

**Sorption of mycotoxins, increased productivity and preservation**

### Composition:

Zeolite (aluminosilicates) 20-30%;  
Diatomite (siliceous sedimentary rocks) 25-35%; Wood activated carbon 3-7%;  
Yeast cells 30-40%; Silicon dioxide 3-7%.

**Applied by mixing into compound feed, premixes, feed mixtures**

### Kombisorb LF additive has several properties:

- Has a high sorption capacity to a wide range of mycotoxins at different pH values, without interacting with amino acids, vitamins and beneficial microorganisms.
- The action of the additive occurs throughout the gastrointestinal tract.
- Has an immunostimulating effect.
- Promotes increased preservation of young animals.
- Stimulates weight gain.
- Improves feed conversion.

### High sorption capacity:

Aflatoxin - 96%	Ochratoxin - 85.7%
T-2 toxin - 88.34%	Deoxynivalenol - 83.7%
Zearalenone - 80.0%	Fumonisin - 95%



link to the  
instructions

# EMULIP

**Energy supplement for feed without negative impact on the liver**

			
0.3-0.5 кг на голову	40-100 г на голову	0.5-1 г/т комбикорма	0.5-1 кг/т комбикорма



Packaging: 10, 25 kg

**Emulsification and enzymatic breakdown of fats**

## Composition:

lecithin 30% sorbed on a carrier (diatomite up to 100%) and as an auxiliary substance, sunflower oil no more than 3%

**Applied by mixing into compound feed, premixes, feed mixtures**

## EMULIP additive has several properties:



- Designed to improve emulsification, enzymatic breakdown and absorption of fats and fat-soluble vitamins.
- Strong energizer. Unlike other energizers, it does not have a negative effect on the liver and does not lead to the development of acidosis.
- Increases the viability of weakened calves, promotes the restoration of cows after calving, increases the preservation of cows in the fresh period.
- Reduces the cost of compound feed formulations for poultry and pigs by reducing the input of vegetable oil, increases the strength of the granules (there is a matrix for calculations).
- Reduces feed conversion, increases productivity due to the energy of the additive and increased digestibility of fats.



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instructions

# Flunixin LF

## Non-steroidal anti-inflammatory drug

			
2 мл на 45 кг	1 мл на 45 кг	2 мл на 45 кг	0,2 мл/10 кг



### Composition:

1 ml of the drug contains the active substance: 83 mg of flunixin meglumine, and as excipients: propylene glycol, sodium hydroxide, benzyl alcohol and water for injection.

### Solution for intramuscular and intravenous administration

#### Indications for use:

The drug is prescribed in complex therapy to cattle, pigs, horses, dogs as an anti-inflammatory, analgesic and antipyretic agent for respiratory diseases, ophthalmic, obstetric and gynecological diseases, diseases of the musculoskeletal system and other pathologies, accompanied by acute inflammatory processes, as well as for pain syndromes and hyperthermia of various etiologies.

#### Course of treatment and frequency of use:

1 time per day for 2-5 days.

#### Withdrawal times:

For meat: Cattle - 8 days after intravenous administration, 35 days after intramuscular administration. Pigs - 24 days. Horses - 8 days.  
For milk: 5 days.



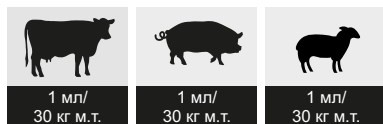
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#### Package:

Polymer bottles of 10 and 100 ml.

# Levofloxacin LF 15%

## Antimicrobial medicine средство



### Composition:

1 ml of the preparation contains 150 mg of levofloxacin (in the form of hemihydrate) and excipients: hydrochloric acid, benzyl alcohol and water for injection.

**Solution for intramuscular administration.**

### Indications for use:

The preparation is used for therapeutic purposes in cattle and small ruminants in mastitis, septicemia, colibacteriosis, salmonellosis, pasteurellosis, mycoplasmosis, staphylococcosis, in pigs with septicemia, erysipelas, bordetellosis, colibacteriosis, salmonellosis, MMA syndrome (mastitis-metritis-agalactia), atrophic rhinitis, hemophilic polyserositis, as well as in mixed infections and other diseases caused by pathogens sensitive to levofloxacin.

### Course of treatment and frequency of use:

1 time per day for 3-5 days.

### Withdrawal times:

For meat: 9 days.

For milk: 96 hours.








link to the  
instructions

### Package:

Polymer bottles of 10 and 100 ml.

# Caffeine LF 20%

## General tonic and adaptogen

				
10-25 мл/ на животное	2,5-7 мл/ на животное	10-25 мл/ на животное	0,5-1,5 мл/ на животное	2,5-7,5 мл/ на животное



### Composition:

1 ml of the preparation as an active substance contains 80 mg of caffeine; as excipients: 120 mg of sodium benzoate, sodium phosphocreatine dibasic 12-water, citric acid, water for injection.

### Solution for subcutaneous injection

#### Indications for use:

The preparation is prescribed for horses, cattle, small cattle, pigs, dogs. The drug is used to stimulate the central nervous system in various diseases of animals; to stimulate the cardiovascular system in case of weakness of cardiac activity, decreased excitability and conductivity in the heart; in chronic myocarditis, myocardial dystrophy (myocardiopathy), myocardial fibrosis (myocardial sclerosis); as a vasodilator for spasms of the cerebral vessels, kidneys, heart; to stimulate the respiratory center and improve breathing; in asphyxia of newborns; in postpartum paresis; in shock conditions.

#### Course of treatment and frequency of use:

1 time per day for 2-5 days.

#### Withdrawal times:

Livestock products during and after the use of the drug are used without restrictions.



link to the  
instructions

#### Package:

Polymer bottles of 10 and 100 ml.



# Enrotrim LF Aqua

## Antibacterial Drug



### Composition:

1 ml of the drug contains active ingredients: 100 mg enrofloxacin, 50 mg trimethoprim.

Excipients: lactic acid, propylene glycol, benzyl alcohol, purified water.

### Solution for internal use

### Indications:

The drug is used to treat farm poultry (broiler chickens, replacement pullets, breeding poultry) with bacterial infections of the respiratory, digestive and genitourinary systems, colibacteriosis, salmonellosis, streptococcosis, mycoplasmosis, necrotic enteritis, hemophilosis, chronic respiratory diseases, mixed and secondary bacterial infections, as well as other infectious diseases of bacterial and mycoplasmal etiology, the pathogens of which are susceptible to enrofloxacin, trimethoprim, and their combinations.

### Course of treatment and frequency of administration:

The drug is used individually or in groups with feed or drinking water once a day for 3-5 days.

### Withdrawal period:

Meat: 14 days.



link to the  
instructions

### Packaging:

Polymer package of 1000 ml.

# Florfenicol LF 40 Aqua

## Antibacterial drug



12,5-25 мл/100 кг М.Т.  
или 1,25-2,5 л/1 т воды



2,5-5 л/1 т воды



### Composition:

1 ml of the drug contains 40 mg of florfenicol as an active ingredient; as auxiliary substances: polyvinylpyrrolidone, polyethylene glycol, purified water.

### Solution for oral administration

### Indications for use:

The drug is used as a therapeutic agent for pigs and birds in case of escherichiosis, salmonellosis, pasteurellosis, staphylococcosis and other infectious diseases of birds (broiler chickens, replacement young, breeding birds) caused by microorganisms sensitive to florfenicol, as well as in case of pleuropneumonia, atrophic rhinitis and secondary bacterial infections in pigs.

### Course of treatment and frequency of administration:

The drug is used with drinking water individually or in groups once a day for 5-7 days.

### Withdrawal period:

Meat: pigs - 14 days, poultry - 6 days.

### Packaging:





Polymer packaging of 500 and 1000 ml.



link to the  
instructions

# Enroflox LF 200 Aqua

## Antibacterial Drug

			
0,125-0,250 мл/ 10 кг м.т.	0,125-0,250 мл/ 10 кг м.т.	0,125-0,250 мл/ 10 кг м.т.	0,25-0,5 л/ 1 т воды



### Composition:

In 1 ml of the preparation as Active ingredient: 200 mg of enrofloxacin, Auxiliary substances: potassium hydroxide, tetrasodium salt of ethylenediaminetetraacetic acid, benzyl alcohol, purified water.

## Solution for oral administration

### Indications:

The drug is used for the treatment of young cattle, pigs, chickens (broilers, replacement young animals) for bacterial infections of the respiratory, digestive and genitourinary systems, colibacteriosis, salmonellosis, pasteurellosis, pseudomonosis, mycoplasmosis, necrotic enteritis, hemophilosis, campylobacteriosis, staphylococcus infection, MMA syndrome (mastitis-metritis-agalactia) and infectious atrophic rhinitis in pigs, with mixed and secondary bacterial infections, as well as with other infectious diseases of bacterial etiology, the pathogens of which are sensitive to enrofloxacin.

### Course of treatment and frequency of use:

The drug is used with drinking water individually or in groups once a day for 3-5 days

### Withdrawal period:

For meat: animals - 14 days, poultry - 11 days



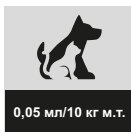
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### Packaging:

Polymer packaging of 500 and 1000 ml

# Ivermectin LF 40 Aqua

## Systemic Antiparasitic Drug



### Composition:

Active ingredient: 40 mg of Ivermectin,  
Excipients: N-methylpyrrolidone,  
propylene glycol, polysorbate 80,  
benzyl alcohol.

### Solution for oral administration

#### Indications for use:

The drug is used for prophylactic and therapeutic purposes in large and small ruminants, pigs, farm poultry (chickens-broilers, replacement young, laying hens), dogs, cats and fur-bearing animals for nematodoses, arachno-entomoses and other diseases.

#### Course of treatment and frequency of administration:

The drug is used individually or in groups with feed or drinking water. For nematodoses - once, for arachno-entomoses - twice, with an interval of 14 days

#### Withdrawal period:

For meat: 28 days.



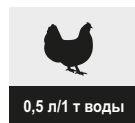
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#### Packaging:

Polymer packaging of 500 and 1000 ml.

# Trienrocol LF Aqua

## Antibacterial Drug



### Composition:

In 1 ml of the preparation, the active ingredients are: 50 mg trimethoprim, 100 mg enrofloxacin and 1 million IU of colistin sulfate; and as auxiliary substances: lactic acid, propylene glycol, benzyl alcohol, purified water.

### Solution for oral administration

### Indications for use:

The drug is used to treat young cattle, pigs, broiler chickens with colibacteriosis, salmonellosis, pasteurellosis, mycoplasmosis, infectious rhinitis, necrotic enteritis, synovitis, as well as diseases of the respiratory, digestive, urogenital systems and other diseases caused by microorganisms sensitive to trimethoprim, enrofloxacin, colistin and their combinations.

### Course of treatment and frequency of administration:

The drug is administered with drinking water or milk individually or in a group method 1 time per day for 3-5 days.

### Withdrawal period:

For meat: animals - 15 days, poultry - 12 days



link to the  
instructions

### Packaging:

Polymer packaging of 500 and 1000 ml

# Colifast 12M

## Antibacterial drug



60-80 мг/10 кг М.Т.



50-75 г/1 т воды



60-80 мг/10 кг М.Т.



### Composition:

1 gram of the preparation as: Active ingredient: 12,000,000 IU of colistin sulfate, Excipients: tartaric acid, sodium bicarbonate, and dextrose.

### Fast-dissolving powder for oral administration and solution preparation.

#### Indications for use:

The drug is used for the treatment of young cattle, pigs, and farm poultry (broiler chickens) in case of gastrointestinal diseases of bacterial etiology: colibacteriosis, pasteurellosis, salmonellosis, and other infectious diseases of the gastrointestinal tract, the causative agents of which are sensitive to colistin.

#### Course of treatment and frequency of administration:

The drug is used individually or in groups with water or feed once a day for 3-5 days.

#### Withdrawal period:

Meat: 7 days.

#### Packaging:

The drug is produced in 100, 500, and 1000 g and 10, 20, and 25 kg packages of polymer film.



link to the  
instructions



# Doxytil LF 100

## Combined antibacterial agent



### Composition:

Composition: In 1 g of the preparation, the active ingredients are 100 mg of doxycycline hyclate and 100 mg of tylosin tartrate, and as auxiliary substances, sodium citrate, citric acid, and dextrose.

### Fast-dissolving powder for oral administration and solution preparation.

#### Indications for use:

The drug is used for the treatment of large (calves) and small (lambs, kids) cattle, pigs, farm poultry (broiler chickens, pullets), and respiratory diseases of bacterial etiology, incl. pasteurellosis, mycoplasmosis, colibacteriosis, salmonellosis, dysentery, enzootic pneumonia, and other infections, the causative agents of which are sensitive to doxycycline and tylosin.

#### Course of treatment and frequency of administration:

The drug is used individually or in groups with water or feed once a day for 3-5 days.

#### Withdrawal period:

Meat: 20 days.

#### Packaging:

The drug is produced in 100, 500, and 1000 g and 10, 20, and 25 kg packages of polymer film.



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instructions

# RECOMMENDATIONS FOR LAMENESS PREVENTION

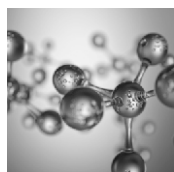


## ECONOMICS

1 lame cow - minus 1 ton of milk per year. Lamenesses reduce insemination success 16 times.



## INSEMINATION SUCCESS



Lameness is often associated with improper feeding (rumen acidosis). We calculate rations using the GIBRIMIN FUTTER (HYBRIMIN FUTTER) program.



Prevention of acidosis. Rumen acidosis is often the main cause of mass lameness in cows. Up to 80% of the herd is affected.

Recommendations: BIOROST 2 kg/1 ton of feed (20 g per head)



Replenishment of calcium in blood serum. Ultraviolet lamps produce vitamin D3, which improves calcium absorption.



Sanitary treatment of hooves with foam (foam generator SPOK-1 and Artisept foam, Biosept) and hoof baths San-Chas 4D.



Treatment with Derma Spray aerosols as part of complex therapy.

# ARTIOSEPT

## Foam



Packaging: 10, 20 L

**As part of complex therapy for the prevention of hoof diseases in cattle.**

### Composition:

Aqueous solutions of alkyl sulfates of ammonia, carbamide, isopropanol, ethylene glycol, butyl cellosolve, 0.5% N,N-bis-(3-aminopropyl), coniferous essential oil.

### Application:

- In groups, by creating foam with the help of foam-generating installations SPOK-1 in aisles or accumulators before milking the cows.
- Cleans hooves from dirt.
- Penetrates into all wounds and microcracks.
- Has antimicrobial action.

It is recommended to use the SPOK-1 foam station.



link to the  
instructions

# ARTIOSEPT

## Foam



Packaging: 10, 20 L

**As part of complex therapy for the prevention of hoof diseases in cattle.**

### Composition:

aqueous solutions of ammonium and sodium alkyl sulfates, carbamide, isopropanol, thylene glycol, butylcellulose, isothiazolone, benzotriazole, *Bacillus subtilis* bacteria.

### Application:

- In groups, by creating foam with the help of foam-generating installations SPOK-1 in aisles or accumulators before milking the cows.
- Cleans hooves from dirt.
- Penetrates into all wounds and microcracks.
- Has antimicrobial action.

It is recommended to use the SPOK-1 foam station.



link to the  
instructions

# SAN-CHAS 4D

## Hoof Hygiene (Baths)



Packaging: 10 L

**In a complex therapy for the prevention of diseases of cattle hooves**

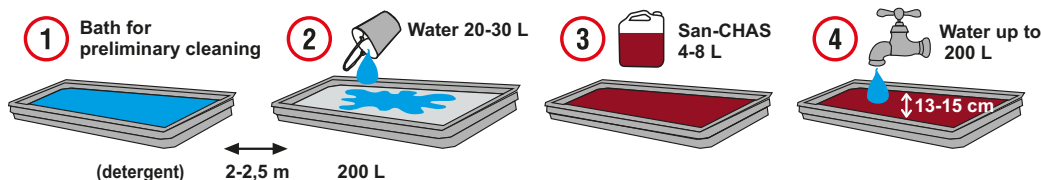
### Composition:

Based on a washing component (nonionic surfactant) and antimicrobial components (glutaraldehyde, glyoxal, benzalkonium chloride, phenoxyisopropanol), 3-x minerals (copper, zinc, aluminum salt).

Hoof Care Products

### Conducting hoof baths using SAN-CHAS 4D provides:

- Powerful sanitizing effect against most bacteria (including spores), fungi, and viruses.
- Promotes healing of damage and enhances regeneration of the hoof horn.
- Applies in a group way in the form of hoof baths.



link to the instructions

# DERMA SPRAY Aluminum

## Aerosol



**Various injuries of hooves, wounds or other skin lesions where the use of aluminum is recommended.**

### **Composition:**

Aluminum (in the form of aluminum paste), solvents, film-forming agent, functional additives, propellant.

Packaging: 520 ml

### **ADVANTAGES:**

- Dries quickly and creates a uniform, elastic and moisture-permeable layer of silver color.
- Aluminum has an astringent effect and has a beneficial effect on the healing of wounds.
- Packaged in large-volume cylinders.
- The optimally selected propellant (gas) ensures complete release of the contents from the cylinder.



link to the  
instructions



# DERMA SPRAY Tar

## Aerosol



Packaging: 520 ml

**Various injuries of hooves, wounds or other skin lesions where the use of aluminum is recommended.**

### **Composition:**

birch tar, dye, solvents, film-forming agent, unctinal additives, propellant.

### **ADVANTAGES:**

- Packaged in a cylinder with a 3D head and tube, which makes it possible to apply precisely in hard-to-reach places.
- Additionally contains aniline dye, which enhances the antimicrobial effect of the product.
- Packaged in large-volume cylinders.
- The optimally selected propellant (gas) ensures complete release of the contents from the cylinder.



link to the  
instructions

# KerbaTEST LF

## Express Test for Diagnostics



### Composition:

1 cm<sup>3</sup> of solution contains: 30 mg of anionic surfactants, an indicator, auxiliary substances, and a solvent.

### Description:

**KerbaTEST** - is an express test for diagnosing mastitis in cows based on milk. Based on a chemical reaction that reveals an increased content of somatic cells, which indicates udder inflammation. Simple to use, the test allows you to quickly determine the presence of hidden mastitis and take measures for treatment, improving milk quality and animal health.

### Mechanism of action:

Surfactants included in the express test interact with the DNA of the nuclei of somatic cells of milk, the content of which in milk increases in the presence of udder inflammation. As a result of the reaction, clots of varying density and size are formed, depending on the number of somatic cells. The sensitivity of the express test is from 170,000 ( $\pm$  30,000) somatic cells in cm<sup>3</sup> of milk.



link to the  
instructions

**Packaging:**  
the product is produced in volumes  
of 0.1 - 30 liters.

# Rapid BoviD-6 Ag

## Express Test for Diagnostics



### Description and mechanism of action

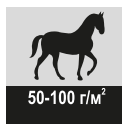
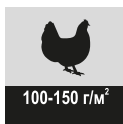
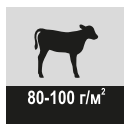
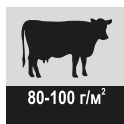
The Rapid BoviD-6 Ag rapid test is designed to quickly detect antigens of cryptosporidium, rotavirus, coronavirus, Escherichia coli K99, F17, giardia and alpha toxin Clostridium perfringens in the faeces of calves. Based on immunochromatographic analysis, the test provides prompt diagnosis of the causes of diarrhea, allowing timely prescribing appropriate treatment and preventing the spread of infections among young animals.



link to the  
instructions

# BODISORB

## Litter Dryer



Packaging: 10, 25 kg

**To improve sanitary-zoohygienic conditions of housing. Eliminates moisture and odors, improves litter hygiene, strengthens immunity. Effective in animal husbandry. Used for young stock.**

### **Composition:**

mineral sorbent with pronounced sorption properties, essential oil of coniferous trees, biocides (quaternary ammonium compounds)

**Applied in the presence of animals by scattering over the surface at the rate of 50-150 g/m².**

### **BODISORB litter dryer:**

- Absorbs excess moisture, effectively absorbs animal waste products due to the high absorption properties of the mineral filler.
- Has a deodorizing effect, effectively absorbs ammonia and hydrogen sulfide vapors.
- Refreshes the air in the room - coniferous essential oil is a natural antiseptic, helping with respiratory infections.
- Has a disinfecting effect on pathogenic bacteria and fungi due to the content of biocides from the group of quaternary ammonium compounds.



link to the  
instructions

# Dr. Bykov

## Paste for decontamination



### Composition:

The paste contains: sodium hydroxide, calcium hydroxide, glycerin, paint and purified water.

### Description

Paste for decontamination of calves is a special remedy used in animal husbandry to prevent the growth of horns in young cattle. This method is considered one of the most humane and effective methods of decontamination, providing minimal stress to animals and ease of use for farmers.

### Mechanism of action

Decontamination paste is a thick mass containing active chemicals such as calcium hydroxide and sodium hydroxide. When applied to the skin in the area of the horny rudiments, the paste acts as follows:  
Softening of tissues: The active ingredients of the paste penetrate into the epidermis, softening it.  
Destruction of the horn rudiments: Chemicals act on the tissues, destroying the rudiments of the horns, which prevents their further growth.



link to the  
instructions

# NEO Dip

Hygienic means for soaking napkins



Packaging: 10, 20 L

## Composition:

The product contains the main component – benzalkonium chloride, which belongs to the group of quaternary ammonium compounds, as well as a complex of auxiliary substances with protective and caring properties (base, glycerin, preservative, dye, etc.).

## Description

NEO Dip is a concentrated product for pre-milking udder treatment in cows and other dairy animals. It combines antiseptic and caring properties, effectively cleanses and disinfects the skin of the nipples, reducing the risk of mastitis and microtrauma.

## Mechanism of action

Concentrated hygienic product for udders "NEO Dip» is intended for soaking napkins and subsequent hygienic treatment of udders of animals before milking, in order to prevent dryness, cracks, microtrauma and penetration of pathogenic microflora through the nipple canal (reducing the risk of mastitis in dairy animals), udder skin protection and skin epithelium regeneration. When manually processing the udder with a napkin, prepare the required amount of the product in a ratio of 1:30 (to 1 liter of the product "NEO Dip" add 29 liters of water and mix). Place the required amount of napkins in a bucket with a solution (two-section is recommended for clean and used napkins).



link to the  
instructions

# RECOMMENDATIONS FOR CHOOSING UDDER HYGIENE PRODUCTS BEFORE AND AFTER MILKING



## NUMBER OF SOMATIC CELLS LESS THAN 250 THOUSAND



Before milking

**OPTIMA PRE ECO**  
(Lactic Acid)



Before milking

**OPTIMA PRE ECO**  
(Hydrogen Peroxide)



After milking

**OPTIMA GEL GREEN**  
(Lactic Acid)

## NUMBER OF SOMATIC CELLS FROM 250 TO 300 THOUSAND



Before milking

**OPTIMA PRE STANDARD**  
(Chlorhexidine)



After milking

**OPTIMA GEL BLUE**  
(Lactic Acid)



After milking

**OPTIMA GEL BROWN**  
(Povidone-iodine)

## NUMBER OF SOMATIC CELLS OVER 300 THOUSAND



Before milking

**OPTIMA PRE LUX (CHAS)**



After milking

**OPTIMA GEL LUX (CHAS)**

Hygiene Products

## ПОРЯДОК ОБРАБОТКИ ВЫМЕНИ



Заполните  
стакан  
не более,  
чем на 2/3



Сожмите стакан  
несколько раз,  
до появления  
обильной пены



Окуните каждый  
сосок в стакан  
с пеной



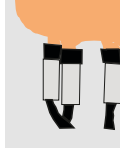
Оставьте  
на 20 - 30 секунд



Протрите соски  
бумажной салфеткой.  
Можно доить –  
соски чистые



Заполните  
стакан  
средством



Обработка  
производится  
после окончания  
доения



Окуните каждый  
сосок в стакан со  
средством не  
менее чем на  
половину длины



Уберите стакан  
со средством  
от соска



Сосок защищен  
до следующего  
доения

# MILKING HYGIENE FOR HIGH SOMATIC CELL COUNTS



(more than 300 thousand)

Quaternary  
Ammonium  
Compounds

## OPTIMA pre lux

## OPTIMA gel lux



Packaging: 10, 20 L



Packaging: 10, 20 L

- Forms a thick and stable foam / holds a drop well

### Antimicrobial action

- Benzalkonium chloride is an antiseptic. Effectively destroys Gram-negative and Gram-positive aerobic and anaerobic bacteria on the surface of the udder skin (including Staphylococcus aureus and fungal microflora).
- Works against highly resistant microorganisms.

### Protection and care

- Cleanses from contamination and has a cosmetic and caring effect on the skin of the udder teats.
- Promotes healing of udder skin lesions and regeneration of the epithelial layer.



link to the  
instructions



link to the  
instructions



# OPTIMA OXY WITH ACTIVATOR

CHLORINE  
DIOXIDE

For robotic farms and scrubbers



Packaging: 21 kg

**A non-foaming two-component agent based on chlorine dioxide for use with scrubbers when treating the udder before milking.**

## Composition:

Sodium chloride solution and activator - a tricarboxylic acid solution that, when mixed, react to form chlorine dioxide.

## PURPOSE

Antimicrobial action:

- Chlorine dioxide has a high redox potential and acts on all types of microbes, spores, viruses, and fungi.
- It has decontaminating and disinfecting properties at lower concentrations than 5-12 times that of chlorine or sodium hypochlorite.
- Prolonged bactericidal effect.
- Does not release free chlorine and its toxic compounds.

Safety:

- Chlorine dioxide belongs to the group of oxidants that do not release active chlorine and therefore does not have pronounced corrosive properties and does not release chlorine into the atmosphere.



link to the  
instructions

# CLEANING AGENTS ALKALINE AND ACID



For industrial milking installations, technological equipment and containers in dairy enterprises.

## LAVA LIN



## LAVA CID



- Effectively removes all types of organic / inorganic contaminants
- Benzalkonium chloride is an antiseptic to which microorganisms do not become addicted
- The complexing agent ensures effective operation of the product in hard water and at low temperatures
- Does not fix contamination
- The anti-corrosion additives included in the composition prevent the negative effect of the product on the treated surface
- It is not afraid of freezing. After defrosting, it retains its properties
- Does not contain phosphates



link to the  
instructions



link to the  
instructions

# Foam Station SPOK-1

For creating foam



For sanitary and hygienic hoof treatment



Dimensions: 340x240x520 mm

## APPLICATION

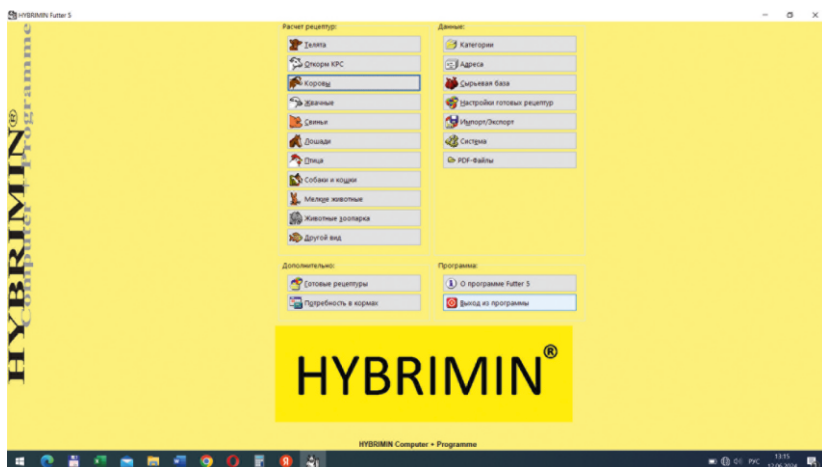
- It carries out the preparation, dispensing and supply of foamed disinfectant solutions.
- Conveniently placed in the milking parlor for treating cows before milking.
- It operates without electricity, requiring a connection to compressed air (3 atm.) and tap water.
- Ease of use, turning on/off foam formation is regulated by a single valve.



link to the  
instructions

# HYBRIMIN Futter

## Ration calculation



- Hybrimin Futter is a software for ration formulation.
- German feeding system.
- Used in 40 countries around the world.
- 1400 age and productive groups of animals.
- Ration time: 5–10 min.
- The total number of analytical and calculated nutrient indicators of raw materials in the program is over 34,000 items.
- Makes rations cheaper, pays for itself quickly.
- Easy to learn, we provide training and consulting assistance.



link to the  
instructions

# Probe Sampler

## Sample collection

Intended for sampling of roughage feeds (Silage)



Dimensions: 1200x240x100 mm

Completeness: Check with the manager.

- Made of stainless steel.
- The cutting head ( $\approx 22$  mm) is easily sharpened and replaced.
- Sampling depth - up to 3 meters, achieved by adding 1 m extensions.
- Sampling is carried out using a cordless screwdriver with a power of at least 18 W.



link to the  
instructions



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,MINSK, SOLTYSYA STREET, 187/8



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