ANIMAL HEALTH — CONCERN FOR PEOPLE

Brovapharma® Brovapharma® Brovapharma® Brovapharma®

CATALOGUE

VETERINARY MEDICINES

CATALOGUE OF VETERINARY MEDICINES

Brovapharma®
German-Ukrainian Firm

DEVELOPMENT & MANUFACTURE OF VETERINARY MEDICINES

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DEVELOPMENT & MANUFACTURE OF VETERINARY MEDICINES

CATALOGUE OF
VETERINARY MEDICINES

MANUFACTURE IS MODERNIZED IN COMPLIANCE WITH GMP

QUALITY MANAGEMENT SYSTEM ACCORDING TO
DSTU ISO 9001:2009

Kyiv · 2017

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BROVAPHARMA

German-Ukrainian Research & Production Firm, Ltd

Brovapharma®
German-Ukrainian Firm

Brand For more than 25 years the company Brovapharma is a number one manufacturer of veterinary preparations in Ukrainian market, both in quality and quantity of registered preparations. Its products are well-known to not only Ukrainian veterinarians and animal breeders, more than the third part of products is exported to 15 world countries.

25 years on the market

Respect On a regular basis the company participates in international exhibitions and is award-winning for the products' quality. In particular, the company has won awards like «The best home product»; The international prize «European Quality» For Aspiration To Achieve The High Quality In Accordance With The European Standarts (Oxford, England); Agroworld Uzbekistan for the best innovative veterinary products and equipments, LTD (Tashkent, Uzbekistan); The Golden Europe Award For Quality (New Millenium Award) as a recognition for its trajectory and business excellence (Paris, France) and others.

Observation The staff of the company includes doctors and candidates of sciences, who carry out research on existing and future preparations. The company is working closely with scientists from leading research and educational institutions of Ukraine and other countries. In recent years, the company received 34 patents, published 36 textbooks and practical manuals, as well as about 100 guidelines for veterinary medicine.

34 patents

Variety The company's portfolio includes more than 130 kinds of medicines for animals, including antiparasitic, antimicrobial, desinfectants, preparations for the reproductive organs and care of the mammary gland, for anesthesia and relaxation, vitamin-mineral complexes, etc. The products are produced in the form of sterile injectable solutions, soluble emulsions, powders, microgranules, tablets, boluses, capsules, ointments, gels and other forms.

Availability Our company follows the principle that the product of highest quality has to be available to everyone. Innovative technology and advanced equipment allow to minimize the production costs and, consequently, to make the cost of the products moderate and reasonable without affecting the quality.

Productivity New production area of 3000 sq. m. allows to manufacture products in compliance with GMP standards. Advanced equipment of the plant allows the production of liquid preparations in plastic vials in the amount of 3000 pieces per hour.

3000 m^2 production area

DEVELOPMENT AND MANUFACTURE OF VETERINARY MEDICINES

Honesty The secret of the company's leadership consists of three components: a high scientific potential, a wide range of products and their guaranteed quality. And the company's credo is legality, transparency and fair play in business. This gives us the confidence to go ahead and hope for further fruitful cooperation with our trading partners and regional distributors, who deliver our products to the customers.

>130
medicines

Modernization Every year Brovapharma increases and expands its capacity. The company has commissioned a new production and warehouse complex with a total area of about 3000 sq.m. A workshop for production of liquid dosage forms was launched recently, and it's equipped with the very best equipment for manufacturing veterinary medicines in compliance with GMP.

Advantages Brovapharma uses the most advanced and high-performance developments in the field of veterinary medicine, provides the highest quality and environmental safety of animal products. The company manufactures drugs that are not excreted with milk. For the production of liquid medicines the company uses the innovative packaging – plastic ampouls and vials made of Pharmalene polyethylene, which is characterized by high rigidity and resistance to physical and chemical exposure, and that corresponds to the international pharmaceutical and biological requirements.

Attention We always pay great attention to the feedback from our customers, and ask them to inform us about the problems that arise while using the medicines, as well as about new ways of their use. This experience is summarized, considered and promotes the most effective protection of animal health.

Rotation Considering the fact that there are no drugs to which the pathogens of infectious diseases do not develop resistance, our researchers are working in advance and focus on the prevention of the resistance phenomenon. Using the results of the world's leading research institutes, which prove that the main method of counteracting resistance is the system of rotation of antimicrobial or antiparasitic agents, our researchers created new complex products and expanded manufactured product lines. As a result they created complete rotary sets of different dosage forms (at least three in each set).


СЕРТИФІКАТ

QUALITY MANAGEMENT SYSTEM

MEETS REQUIREMENTS
DSTU ISO 9001:2009
(ISO 9001:2008)

Development and manufacture of veterinary medicines under the standard **ISO 9001:2009**

15
countries

Animal health — concern for people

Brontel 10%

solution for injection

Description
Clear, yellowish liquid

Composition:
1 ml contains:
clozantel — 100 mg.

Indications:
Treatment and prevention of parasitic diseases in cattle, sheep, goats, dogs caused by ecto- and endoparasites of various localization.

Contraindications:
Do not administer to females during the last third of pregnancy.
Do not administer simultaneously with phosphorus-organic preparations.

Administration and dosage:
For group method, each batch of the drug is previously tested in a small number of animals. In case of the absence of complication the processing of the livestock is carried out. The treatment is carried out at the beginning and the end of farmyard period; against hypodermatosis it is carried out immediately after the end of gadfly period or in spring. The drug is administered subcutaneously; intramuscular injection is allowed only in cattle. Injection over 3 ml is divided into two parts and administered at different locations.
Dosages for different animals listed in the table:

Animal/Disease	Dose, ml/10 kg of b.w.	Application
Cattle		
Bunostomosis, haemonchosis, oesophagostomiasis, strongyloidosis, chabertiosis, fasciolasis (mature forms)	0.25	single
Hypodermatosis (larvae of 1 and 2 stages), fasciolasis (mature forms and larvae older than 6 weeks)	0.5	single
Scurf	1.0	2 times, at an interval of 7 days
Flesh fly larvae	0.25	single
Sheep, goats		
Bunostomosis, oesophagostomiasis, trichostrongylosis, chabertiosis, oestrosis, wohlfahrtiosis	0.25	single
Fasciolasis (mature forms and larvae older than 6 weeks)	0.5	single
Demodicosis, scurf	1	2 times, at an interval of 7 days
Dogs		
Ancylostomiasis	0.75	single
Demodicosis	0.5	2 times, at an interval of 7 days
Cats		
Otoacariasis	0.5-0.7	2 times, at an interval of 7 days

Warning:
In individual animals on the site of injection minor swelling may cause which disappears without intervention in 2-3 days.
After the treatment the meat is not alowed for human consumption within 28 days, milk — 14 days. In the case of forced slaughter the meat is used to feed carnivorous animals or for meat-and-bone meal tankage, the milk is fed to non-productive animals.

Packaging:
Glass or polypropylene vials of 10, 50, 100 or 200 ml

Storage:
Store in dry, dark place at the temperature from +5 °C to +25 °C.

Shelf life:
2 years.

Brontel-plus

solution for injection

Description:
Clear, yellowish solution.

Composition:
1 ml contains:
clozantel — 50 mg;
praziquantel — 50 mg.

Indications:
It is indicated for animals affected by parasitoids caused by endo- and ectoparasites:

- **sheep, goats**:
  - Strongulatosis of gastrointestinal tract — Bunostomum spp., Haemonchus spp., Nematodirus spp., Oesophagostomum spp., Trichostrongylus axei, Chabertia ovina etc, trematodes Fasciola hepatica, F. gigantica, Dicrocoelium lanceatum, Eurytrema pancreaticum;
  - Larvae cestodosis — Anoplocephalidae (Moniezia spp.), Avitellinidae (Thysaniezia giardia, Avitellina centripunctata, Stilesia spp.);
  - Arthropods of imago larvae form of different location — Oestrus ovis, Crivellia Silenus, Wohlfahrtia magnifica, W. trina, Lucilia sericata, Bovicola ovis, B. caprae, Melophagus ovinus, Linognathus ovillus, L. caprae, L. setotus, Trichodectes canis.
  - Itch mites Psoroptidae, Sarcoptidae, Demodecidae, ixodic ticks.
- **dogs**:
  - Ancylostomiasis Ancylostomatidae (Ancylostoma caninum, A. braziliense, Uncinaria stenocephaia);
  - Arthropods of imago larvae form of different location — Oestrus ovis, Crivellia Silenus, Wohlfahrtia magnifica, W. trina, Lucilia sericata, Bovicola ovis, B. caprae, Melophagus ovinus, Linognathus ovillus, L. caprae, L. setotus, Trichodectes canis.
  - Itch mites Psoroptidae, Sarcoptidae, Demodecidae, ixodic ticks.
  - Tapeworm infections Taeniidae (Taenia spp., Echinococcus spp.), Dipylidiidae (Dipylidium caninum), Mesocestoididae (Mesocestoides spp.), Diphyllobothriidae (D. latum, D. minus).

Contraindications:
Do not administer simultaneously with phosphorus-organic preparations.

Administration and dosage:
Each series of drug before administration is checked on a small number of animals. In case of the absence of complications — the drug is administered for all livestock.
The drug is administered subcutaneously and intramuscular injection is also acceptable. In case of one time use for animals over 4 ml of the drug — the dose is divided into two portions and is administered at different places.
Dose (per 10 kg of b.w.): sheep, goats — 0.75-1.0 ml, dogs — 1.2-1.5 ml.
Therapeutic and prophylactic treatments of sheep and goats are carried out after setting them in confinement and in spring — before the pasture, and medical treatments are carried out with the appearance of evidence.
When the sheep affected by acariformes Psoroptidae, Sarcoptidae, or sheep ked Melophagus ovinus, repeat treatment in 12-14 days. For that use Brontel-plus, Brontel 10% or Brovermectin 1% in recommended doses.

Warning:
In individual animals on the site of injection minor swelling may cause which disappears without intervention in 2-3 days.
After the treatment the meat is not allowed for human consumption within 28 days, milk — 14 days. In the case of forced slaughter the meat is used to feed carnivorous animals or for meat-and-bone meal tankage, the milk is fed to non-productive animals.

Packaging:
Glass or polypropylene vials of 10, 50, 100 or 200 ml

Storage:
Store in dry, dark place at the temperature from +5 °C to +25 °C.

Shelf life:
2 years.

Brovadazol 20%

powder for oral administration

Description: Microgranulated, white, odourless powder.

Composition: 1 g contains: fenbendazole — 200 mg.

Indications: listed in the table.

Administration and dosage:
Before administration the drug is mixed with feed and is given during morning feeding.

Animal species and diseases	Dose g / 10 kg of b.w.	Administration
Cattle		
Dictyocaulosis, neoascarosis, strongylatosis, strongyloidosis	0.4	one time
Trichocephaliasis	0.75	2 days
Dicrocoeliosis	1	5 days
Cysticercosis	1.25	3 days
Paramphistomatidosis	0.75	5 days
Sheep and goats		
Neoascarosis, protostrongylidosis, strongyloidosis, trichostrongylidosis	0.25	one time
Trichocephaliasis	0.5	2 days
Dictyocaulosis, monieziosis, tizaniesiosis	0.5	one time
Larva cestodiasis: echinococcosis, coenurosis	2	3 days
Dicrocoeliosis	1	3 days
Pigs		
Ascarosis, metastrongyliosis, trichocephaliasis	0.5	2 times in 12 hours
Esophagostomiasis, olulanosis, strongyloidosis	0.2	2 times in 12 hours
Mixed invasion (prophylactically): • piglets at the age from 2 till 10 weeks • feeding young stock	 0.05 0.2	 one time weekly one time monthly
Echinococcosis	1	5 days
Horses		
Parascarosis	0.75	one time
Intestinal strongylatosis	0.5	one time
Stronguloidosis (foals):	0.4	2 days
Dogs, cats		
Ancylostomiasis, capillariasis, taeniasis, trichocephaliasis, toxocariasis	2	3 times in 12 hours
Fur-bearing animals (blue foxes, foxes)		
Mixed nematodes invasion	0.75	2 days
Rabbits		
Mixed nematodes invasion	0.5	3 days
Hens, turkeys		
Ascaridiosis, heterakis gallinarum, capillaria philippiensis	0.5	4-5 days
Geese, ducks		
Amidostomosis, echinuriosis, capillariasis, syngamidosis, streptocarosis, tetrameres	0.5	4-5 days
Cyprinoid fishes		
Botriocephalosis	1.25	2 days

For fish the therapeutic feeding mixture is prepared: 0.25 kg of the drug are thoroughly mixed with 99.75 kg of feed and granulated. The therapeutic daily dose is 5% of the estimated mass of fish. The daily dose is divided into 3-4 portions and is brought into feeding places every 2 hours during the day, the course of treatment — 2 days.

Contraindications:
Do not administer to animals simultaneously with antiphasciolosis drugs, as well as in 7 days after the treatment of animals by bromsalanams.

Warning:
After the last administration the slaughter of cattle, sheep, goats, pigs for meat is allowed in 10 days; poultry — in 3 days. The use of internal organs (liver, lung, heart) in food is allowed in 20 days. Milk from lactating animals can be used in 2 days after the last treatment. Fish for consumption is allowed in 10 days after deworming.

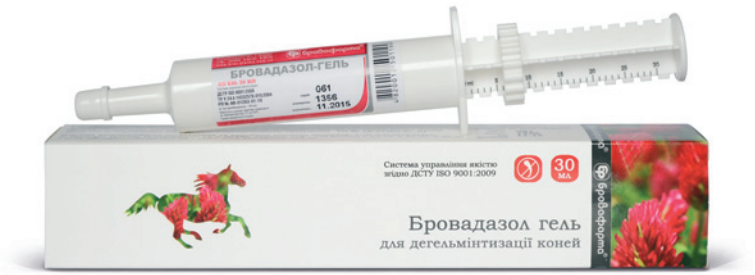
Packaging: Containers made of polymeric materials of 100 g; packages made of polymeric materials of 1000 g.

Storage: Store in a dry, dark place at the tem. from -30 °C to +30 °C.

Shelf life: 3 years.

Brovadazol gel

gel for oral administation



Description:
Homogeneous white gel.

Composition:
1 ml contains: fenbendazole — 150 mg.

Indications:
It is indicated for treatment and prevention of invasive disease of horses caused by such pathogens as Ascaridae, Strongylidae, Strongyloididae, Oxyurata, Trihonematidae, Dictyocaulus spp., Parafilaria multipapillosa, Onchcerca cervicalis, Gasterophilus spp.

Administration and dosage:
1 ml of drug per 20 kg of body weight.
Orally, directly into the mouth on the root of the tongue, one time by syringe.
In case of diseases caused by larvae Trichostrongylus axei and Gasterophilus spp.: on root of the tongue twice with interval of 24 hours.
Preventive deworming of horses is recommended every 3-4 months.

Contraindications:
None.

Warning:
After deworming the slaughter for meat is allowed in 14 days. If meat is obtained before specified period, it must be fed to unproductive animals or for production of meat-and-bone meal tankage.

Packaging:
Syringe with dispenser of 30 ml.

Storage:
Store in a dry, dark place at the temperature from + 1 °C to +20 °C.

Shelf life:
2 years.

Brovadazol tablets

tablets for oral administration

Description:
Flat cylindrical tablets of white or greyish-white colour.

Composition:
1 g (1 tablet) contains: fenbendazole — 50 g.

Indications:
It is indicated for deworming of cattle, sheep and goat, pigs, horses, carnivorous and fur-bearing animals, poultry affected by nematodes (by mature and immature forms), certain types of cestodes and trematodes.

Administration and dosage:

Animal and name of helminthiasis	Dose, tabl. / 10 kg of b.w.	
	Quantity of tablets	Administration
Cattle		
dictyocaulosis, strongylatosis, strongyloidosis	2	one time
dicrocoeliosis	6.6	one time
cysticercosis	5	3 consecutive days
Sheep and goats		
Mixed nematodes invasion:	3	one time
monieziosis	2	one time
trichurosis	3	2 consecutive days
echinococcosis, coenurosis	8	3 consecutive days
dicrocoeliosis	4.4	2 consecutive days
Pigs		
ascarosis	1.5	2 consecutive days
trichurosis	2	twice a day
oesophagostomosis, stronguloidosis	2	one time
Mixed invasion: piglets at the age from 2 till 8 weeks breeding stock	 0.2 1.5	 once a week twice a week
Horses		
parascarosis	3	one time
strongylatosis (foals at the age of 1-2months)	1.6	2 consecutive days

Animal and name of helminthiasis	Dose, tabl. / 10 kg of b.w.	
	Quantity of tablets	Administration
Carnivorous and fur-bearing animal		
Mixed invasion	2	One time
Hens		
Ascariasis	1	2 consecutive days
Geese		
Mixed invasion	8	one time

Contraindications:
Do not administer to animals at the same time with antiphasciolosis drugs, as well as in 7 days after treatment of animals with bromsalans.

Warning:
After the last administration the slaughter of animals for meat is allowed:
- cattle, sheep, goats and pigs — in 10 days;
- poultry — in 3 days.

The use of internal organs (liver, lung, heart) in food is allowed in 20 days.
Milk of lactating animals can be drunk in 2 days after the last treatment.

Packaging:
Containers made of polymeric materials, glass vials of 10, 30, 100, 1000 tablets, blister package of 10 tabl.

Storage:
Store in a dry, dark place at the temperature to +25 °C.

Shelf life:
3 years.

Brovalzen emulsion

emulsion for oral administration

Description:
White or gray, odorless emulsion.

Composition:
1 ml contains:
albendazole — 75 mg.

Indications:
It is indicated for treatment of cattle, sheep, goats, pigs, horses, dogs, cats, fur animals, hens affected by mature trematodes Fasciola hepatica, Dicrocelium lanceatum, nematodes of the gastrointestinal tract and lungs Bunostomum spp., Sooreria spp., Dictyocaulidae spp., Haemonchus spp., Nematodirus spp., Ostertagias spp., Strongyloides spp., Trichostrongylus spp., Trichuris spp. etc. cestodes Avitellina centripumctata, Moniezia expansa, M. benedebia, Thysanie ziagiardi.

Administration and dosage:
Before administering the drug is thoroughly shaken and is added to water or feed. Treating mixture is given once individually or by group method in the early morning feeding.

Animal species	Helminthiasis	Dosage (ml) / 10 kg of b.w.
Cattle	Nematodes, cestodes Trematodes	1 1.3-2
Sheep, goats	Nematodes, cestodes Trematodes	0.7 1
Pigs	Nematodes, oesophagostomosis, trichocephalosis	1.3 (repeat in 12-14 hours)
Horses and other onehoofed animals	Nematodes, cestodes	0.7
Dogs, cats and furbearing animals	Nematodes, cestodes Trematodes	3 3.5
Hens	Nematodes	1.3

Contraindications:
Do not administer to females in the first third of pregnancy, to ewes during mating and in the first month after the withdrawal of lambs from the flock.

Warning:
After the last administration the slaughter of animals for meat is allowed:
- cattle, sheep — in 7 days;
- goats — in 7 days;
- pigs — in 10 days.

Using of internal animal organs (liver, lung, heart) is allowed in food:
- pigs — in 35 days;
- ruminants and hens — in 20 days.

Milk of lactating animals can be used in 2 days after the last treatment.

Packaging:
The vials made of polymeric materials of 50, 100 and 1000 ml.

Storage:
Store in a dry place at the temperature from 0 °C to +30 °C.

Shelf life:
3 years.

Brovalsen tablets

tablets for oral administration

Description:
Flat, cylindrical tablets of white or light yellow colour (1 or 5 g)

Composition:
1 g contains: albendazole — 75 mg.

Indications:
It is indicated for deworming of cattle, sheep, goats, horses, dogs, cats, fur-bearing animals, poultry affected by nematodes (by mature and immature forms), certain types of cestodes and trematodes.

Contraindications:
Do not administer to females in the first third of pregnancy, to ewes during pairing season and in the first month after the withdrawal of lambs from the flock.

Administration and dosage:
Before administration the drug should be mixed with the feed and administrated for one time at the early morning feeding. For poultry the dose is divided into two parts and given with a 24 hours interval.
Dosage for different animal species are listed in the table.
Large tablets are used for individual deworming of adult ruminants by forced placing of the tablet on the root of the tongue.
For cattle grazing on pastures, treatment and preventive deworming is conducted at the beginning and the end of farmyard period.
In case of fasciolosis the drug is used in any season. Depending on the intensity of infestation, which is determined by the average number of fasciola eggs in 5 samples of feces, a drug is used in such doses per 10 kg of b.w.:

Animal	Helminthiasis	Dosage (ml) / 10kg of b.w.
Cattle	Nematodes, cestodes Trematodes	1.0 1.3-2.0
Sheep, goats	Nematodes, cestodes Trematodes	0.7 1.0
Pigs	Nematodes*	1.3
Horses and other onehoofed animals	Nematodes, cestodes	0.7
Dogs, cats and fur-bearing animals,	Nematodes, cestodes Trematodes	3.0 3.5
Hens	Nematodes	1.3

* In case of oesophagostomosis and trichurosis, the treatment should be repeated in a similar dose in 12-24 hours.

- weak intensity (up to 4 eggs) — 1.3 g;
- average intensity (5-10 eggs) — 1.5-1.7 g;
- severe intensity (more then 10 eggs) — 1.7-2 g.

Taking into consideration that albendazole has low efficiency against fascia larvae, the first preventive deworming should be conducted in 2-2.5 months after the end of grazing period, and the second deworming — not later than in 10-15 days prior to grazing period.

Warning:
After the last administration the slaughter of animals for meat is allowed:
- cattle, sheep, goats — in 7 days;
- pigs — in 10 days;
- poultry — in 2 days.

The use of internal organs (liver, lung, heart):
- pigs in food is allowed in 35 days;
- ruminants and poultry — in 20 days.

Milk of lactating animals can be drunk in 2 days after the last treatment.

Packaging:
Blisters of 6, 10 tablets; polymeric containers of 50, 100 tablets; polymeric vials of 20, 50, 100 tablets.

Storage:
Store in a dry, dark place at the temperature from 0 °C to +30 °C.

Shelf life:
3 years.

Brovalzen-250 tablets

tablets for oral administration

Description:
Tablets with a breakline on one side and a logo on the opposite side from light yellow to orange color. Tablets are made of two types of shapes and weight, namely: oblong-oval form weighing 5 grams (for cattle) and rounded cylindrical shape weighing 1 g (sheep, goats, pigs, dogs and poultry).

Composition:
1g contains active ingredient:
albendazole — 250 mg.

Indications:
It is indicated for deworming of cattle, sheep, goats, pigs, dogs, cats, poultry affected by nematodes (by mature and immature forms), certain types of cestodes and trematodes.

Administration and dosage:

Animal	Helminthiasis	1 g of the drug / per kg of b.w.
Cattle	nematodes	40
	trematodes	30
	cestodes	40
Sheep, goats	nematodes	50
	trematodes	40
	cestodes	50
Pigs	nematodes*	25
Dogs	nematodes	15
	trematodes	10
	cestodes	15
Hens	nematodes	25

* In case of oesophagostomosis and trichurosis, the treatment should be repeated in a similar dose in 12-24 hours.

When grazing the preventive and therapeutic deworming is conducted at the beginning and at the end of the period stall.

Contraindications:
Do not administer to females in the first month after insemination.

Warning:
After the last administration the slaughter of animals for meat is allowed:
- cattle, sheep, goats — in 7 days;
- pigs — in 10 days;
- poultry — in 2 days.

Using of internal animal organs (liver, lung, heart):
- pigs — in 35 days;
- ruminants and poultry — in 20 days.

Milk of lactating animals can be drunk in 2 days after the last treatment.

Packaging:
Packages in blister of 10 tablets, 3 or 10 blisters in carton box.

Storage:
Store in a dry, dark place at the temperature from -30 °C to +30 °C.

Shelf life:
3 years.

Brovanol-C

suspension for oral administration

Description:
Suspension of light yellowish color

Composition:
1 ml contains:
praziquantel — 15 mg;
pyrantel pamoate — 45 mg.

Indications:
Prevention and treatment of dogs and cats from three weeks of age suffering from nematodosis (toxocarosis, toxascariasis, uncinariosis, trichuriasis, ankylostomiasis), cestodosis (tapeworm infection, dipylidiasis, echinococcosis, duphyllobothriasis, mesocestoidosis) and mixed nematode- and cestode invasions.

Contraindications:
Hypersensitivity to the drug.
Do not administer to females in the first half of pregnancy and for two weeks after giving birth, to puppies and kittens less than three weeks old, to emaciated and sick animals with infectious diseases.
Do not use simultaneously with piparazine and drugs that inhibit cholinostearase.

Administration and dosage:
The drug is administered individually, once before the morning feeding with a small amount of feed, or administered forced on the root of the tongue with measuring beaker or syringe without a needle. Dosage: 1 ml per 3 kg of b.w.; for small animals — 14-15 drops (0.33 ml) per 1 kg of b.w.).
Shake before use.
No need to hold starvation diet or use laxatives.
In case of severe invasion it is recommended to repeat deworming in 10 days.
Prophylactic deworming is conducted quarterly and in 12-14 days prior to vaccination.

Warning:
Use the drug in accordance with the instruction leaflet. In some animals complications may be possible due to intoxication (digestion of dead helminths): hives and itching in the area of the rectum, anxiety, diarrhea, vomiting are less frequent. These symptoms quickly disappear without further intervention.

Packaging:
Glass or polymer vials with droppers of 5, 10 ml; polymer droppers of 5, 10 ml.

Storage:
Store in dry, dark place at the temperature from +4 to +25 °C, separate from feed and food products.

Shelf life:
2 years. After opening store not more than 30 days in dark, dry place at a temperature from +4 to +10 °C

Brovanol M

tablets for oral administration

Description:
Flat, cylindrical tablets of yellow color with slight characteristic smell.

Composition:
1 g (1 tablet) contains:
niclosamide — 92 mg;
oxibendazole — 12 mg;
levamizole hydrochloride — 16 mg.

Indications:
It is indicated for the treatment and prevention of dogs and cats suffering from mixed invasions caused by larvae and adult helminthes of the digestive tract: ancylostomiasis (Ancylostoma sapipit), dog tapeworm (Dipylidium sapipit) diphyllobothriasis (Diphyllobothrium latum, D. minus), toxocariasis (Toxocara canis, T. cati), toxascaridosis (Toxascaris leonina), trichuriasis (Trichoctptalus vulpis and T. nutpia), taeniasis (Taenia hydatigena, T. multictps), uncinariosis (Uncinaria stenoctphala), and some others.
If the dogs are also affected by ectoparasites (fleas, lice, mites), it is recommended to use Brovanol®-plus instead of Brovanol®-M.

Administration and dosage:
For puppies and kittens — 1 tablet of Brovanol-M per 4 kg. This dose should be divided into a half and is administered with a daily interval.
The first deworming of puppies is conducted before vaccination at the age of 4-5 weeks, kittens — 6 weeks of age. Subsequently prophylactic treatment at the indicated doses is preferably carried out every 3-4 months.

Contraindications:
Intestinal atony.

Warning:
Do not exceed the indicated doses. In the animals with a strong invasiveness due to intoxication by digested pieces of helminthes hives and itching in the rectum, restlessness, diarrhea, vomiting may appear. All these symptoms disappear quickly without special intervention.

Packaking:
Blisters of 10 tablets or plastic containers of 100 and 1000 tablets.

Storage:
Store in dry, dark place at the temperature of +1 to +25 °C.

Shelf life:
3 years.

Brovanol plus

tablets for oral administration

Description:
Flat, cylindrical tablets of white or grayish — white color with a low characteristic smell.

Composition:
1 g (1 tablet) contains:
prasiquantel — 50 mg;
ivermectin — 2 mg;
levamisole hydrochloride — 38 mg.

Indications:
It is indicated for treatment and prevention of dogs with diseases caused by skin parasites: fleas, lice, sarcoptes and ixodes mites, larvae and adult nemathelminthes, cestodes and some trematodes, namely: ancylostomiasis (Ancylostoma caninum), diphyllobothriasis (Diphyllobothrium latum, D. minus), dipylidiasis (Dipylidium caninum), toxocarosis (Toxocara canis, T. Cati), toxoascarosis (Toxascaris leonine), trichocephalosis (Trichocephalus vulpis, T. nutpia), teniasis (Taenia hydatigena, T. multiceps), uncinariasis (Uncinaria stenocephala), opisthorchiasis (Opisthorchis tenuicolis, O. viverrini, O. sinensis), paragonimiasis (Paragonimus westermani), mesocestoidosis (Mesocestoides linattus, M. litteratus, M. corli, M. petrovi), dirofilariasis (Dirofilaria immitis, D. renens), echinococcosis (puberty forms only Echinococcus granulosus, E. multilocularis), etc.

Contraindications:
Do not administer to dogs of such breeds as collie, sheltie, bobtail and puppies up to six months of age.

Administration and dosage:
Before administration the tablets are dispersed and mixed with one third of feed in the morning.
Orally:
Dogs: 1 tablet / 10 kg of b.w.
For young animals (till 1.5 year-old) the specified dose is divided in two parts and is fed at daily interval.
In case of demodecosis it is advisable to repeat the treatment in same dosage in 10-12 days.
If skin parasites are absent, it is recommended to use Brovanol D for preventive deworming.

Warning:
Do not exceed specified doses. The drug is administered only on the advice of a doctor of veterinary medicine.

Packaging:
Blisters of 10 tablets; plastic containers of 100 and 1000 tablets.

Storage:
Store in a dry, dark place at the temperature of +25 °C.

Shelf life:
3 years.

Brovatriol

tablets for oral administration

Description:
Tablets of green, round (1 g) and a flat oval — oblong (3g) forms

Composition:
1 g (1 ± 0.05 g) contains the active substances (± 5%):
triclabendazole — 55 mg;
albendazole — 110 mg;
praziquantel — 40 mg.

Indications:
It is indicated for individual deworming of cattle, camels, buffalo, yaks, sheep and goats affected by nematodes, cestodes and trematodes.

Contraindications:
Do not administer to females in the first month after insemination or to weak and sick animals.

Administration and dosage:
Determined tablet according to the body weight is put forcibly to the root of the tongue. Method of group deworming is allowed. Moreover, certain number of tablets is powdered and mixed with a half of daily feed norm. Such kind of mixture is fed during the morning feeding.
The dose for the various types of ruminants:

- **cattle, camels, buffalo, yaks** — 1 tablet of 3 g per 40 kg of body weight.
- **sheep** and **goats** — 1 tablet of 1 g per 15-17 kg or half a tablet of 3 g per 23-25 kg, 1 tablet of 3 g per 35-40 kg.

Preventive deworming of cattle is conducted twice a year (at the beginning of housing season and before grazing).

Warning:
Personnel who deal with the drug must keep to the rules of hygiene and safety.
Slaughter of animals for meat is allowed in 14 days after the last administration. Milk is allowed to use for human consumption in 2 days.

Packaging:
Tablets are packed in blisters of 10 pieces (tablet weight is 1 g) and 5 pieces (tablet weight is 3 g) or in plastic containers of 100, 150, 200 or 500 pieces.

Storage:
Store in dry, dark place at the temperature from 0 °C to +30 °C.

Shelf life:
3 years.

Brovermectin 1%

solution for injection

Description:
Clear, colorless or yellow viscose liquid without particulate matter with slight characteristic odor

Composition: 1 ml contains: ivermectin — 10 mg.

Indications:
It is indicated for treatment and prevention of animals suffering from invasive diseases caused by:
cattle: diseases of gastrointestinal tract caused by nematodes and larvae of 4th stage — Nematodirus helvetianus., Ostertagia ostertagi, O. lyrata, Bunostomum trigonocephalum, B. phlebotomum, Haemonchus placei (including 3d srage), Trichostrongylus acei, T. Colubriformis, Cooperia pectinata; diseases of lungs caused by Dictyocaulus viviparous, cavitary helminthes — Setaria labiato-papillosa; skin helminthes — Paraphilaria bovicola; larvae of subcutaneous gadfly — Hypoderma bovis, H. lineatum; itch mites — Psoroptes bovis; Sarcoptes bovis, Chorioptes bovis; mites — Demodex bovis; louce — Bovicola bovis; lice — Haematopinus eurysternus, Linognathus vituli; **sheep and goats:** nematodes of gastrointestinal tract — Burtostomum trigonocephalum, Haemonchus confortus; Ostertagia circumcinta, Oesophagostomum venulosum, O. Columbianum; Chabertia ovina, Trichostrongylus axei; Trichostrongylus colubriformis, Trichuris ovis; air-breathing helminthes — Dictyocaulus filaria, Prolostrongylus rufescens; nasopharyngeal gadfly — Oestrus ovis; itch mites — Psoroptes ovis, Sarcoptes ovis, S. caprae, Chorioptes ovis, Ch. Caprae; louce — Bovicola ovis, B. caprae; lice — Linognathus ovillus, L. pedalis, L. caprae; **pigs:** nematodes of gastrointestinal tract — Ascaris suum, Oesophagostomum dentatum; Strongyloides ransomi; Trichuris suis; air-breathing helminthes — Metastrongylus spp.; kidney helminthes — Stefanurus dentatus, lice — Haemalopinus suis; mite — Sarcoptes suis, S. Parvula, Demodex phylloides; **horses:** nematodes of gastrointestinal tract — Ascaridae, Strongylidae, Strongyioidiae, Oxyurata, Trichonematidae, Spiruridae; air-breathing helminths — Dictyocaulus spp.; skin helminths — Parafilaria multipapillosa, Onchcerca cervicalis; gadfly larvae — Gasterophilus spp.; Rhinoestrus purpureus; **dogs:** nematodes of gastrointestinal tract — Toxocara canis, Toxascaris leonine, Ancylostoma caninum, Uncinaria stenocephala; mites — Sarcoptes canis, Notoedres cati, Otodectes sunotis, Cheyletiella jascuri, Demodex canis; lice — Linognathus setotus; **poultry** (hens, turkeys): mites — Knemidocoptes mutans, K. pilae, K. gallinae; **rabbits:** nematodes Passalurus ambiguus; mites — Psoroptes cuniculi.

Contraindications:
Do not administer to cows during lactation and at least 28 days prior to calving; dogs of small breeds; laying hens, as well as hide-bound animals of all kinds. Brovermectin is not recommended for puppies up to the age of six months, dogs of such breeds as collie, bobtail or their hybrids.

Administration and dosage:
The drug is administered subcutaneously in the shoulder blade, for pigs — in the middle of the neck, in such doses:

Animals	Dose, ml/10 kg of b.w.
Cattle, sheep, goats, horses, rabbits	0.2
Pigs	0.3
Dogs	0.2-0.4
Poultry	0.1 (per 1 bird) 0.2 (if b.w. is over 5 kg)

When treating mange, demodicosis, chorioptosis the drug is administered again in 8-10 days. Injection over 5 ml is divided into 2 parts and injected into different areas of the body.

Warning:
After administration, the slaughter of animals for meat is allowed in 28 days. In case of slaughter before specified period, the meat is used to feed unproductive animals or for the production of meat-and-bone tankage and the eggs are used for unproductive animals.

Packaging:
Ampoules of 1ml, glass and polymer vials of 10, 20, 50, 100 and 200 ml.

Storage: Store in a place, protected from light at the temperature from +8 °C to +25 °C.

Shelf life: 3 years.

Brovermectin 2%

solution for oral administration

Description:
Clear, slightly yellowish liquid, with characteristic odor

Composition:
1 ml contains: ivermectin — 20 mg.

Indications:
It is indicated for therapeutic and prophylactic treatment of animals against endo- and ectoparasites:

- **pigs:** mature and immature forms of nematodes Ascaridae, Metastrongylidae, Oligacanthohynchidae, Ollulanidae, Strongyloididae, Trichonematidae, Trichuridae; mites Demodex phylloides, Sarcoptes parvula, S. suis; lice Haematopinus suis;
- **rabbits:** nematodes Oxyuridae, Strongyloidae, Trichostrongylidae; mites Psoroptes cuniculi, Cheyletiella parasitovorax, Listophorus gibbus; flea Spilopsyllus cuniculi;
- **poultry (chicken, turkey, goose, pigeons, ostriches)** mature and immature forms of nematodes Acuaridae, Amidostomatidae, Ascaridae, Capillariidae, Dioctophymidae, Heterakidae, Syngamidae, Tetrameridae; cestodes Davaineata; mites Argas persis, Dermanyssus gallinae, Epidermoptes bilobatus, Knemidocoptes gallinae, K. mutans, K. pilae, Syringophilus bipectinalus; slender louse and fleas Menopon gallinae, Menacanthus stramineus, Goniodes hologaster, Lipeurus caponis, Echilnophaga gallinacean, Ceratophyllus gallina;
- **dogs:** nematodes of gastrointestinal tract Toxocara canis, Toxascaris leonina, Ancylostoma caninum, Uncinaria stenocephala; mites Sarcoptes canis, Notoedres cati, Otodectes cynotis, Cheyletiella jasguri, Demodex canis.

Contraindication:
Do not administer to laying hens, eggs of which are consumed by people.

Administration and dosage:
Administered with water in doses:

- **pigs:** 1 ml / 50 kg of b.w. The dose is diluted with 1/3 of daily dose of water. The indicated dose is used during one day;
- **rabbits:** 1 ml / 50 kg of b.w. The indicated dose is added to daily consumptive use of water, should be used during one day;
- **poultry:** 1 ml / 50 kg of b.w. The dose is diluted with 1/3 of daily dose of water. The indicated dose is used during one day;
- **dogs:** 1 ml / 40 kg of b.w. The dose is diluted with 1/3 of daily dose of water. The indicated dose is used during one day.

Treatment is conducted in the morning after switching off the watering system for 2 hours. In case of ectoparasites the treatment is repeated in one week.

Warning:
After the last use of the drug, slaughtering of poultry for meat is permitted in 10 days, of pigs and rabbits — in 24 days. Meat, obtained before the deadline should be utilized or fed to unproductive animals depending on the veterinarian conclusion. People can eat eggs in 7 days. Eggs obtained during the treatment of laying hens are fed to unproductive animals.

Storage:
Store in a place protected from light at the temperature from +4 °C to +25 °C.

Packaging:
Vials of dark glass and polymer bottles of 10, 50, 100, 200, 500 and 1000 ml.

Shelf life:
2 years.

Brovermectin gel

gel for oral administration

Description:
Homogeneous, colorless gel.

Composition:
1 ml contains: ivermectin — 4 mg.

Indications:
It is indicated for treatment and prevention of animals suffering from diseases caused by endo- and ectoparasites:

- **horses**: nematodes Ascaridae, Strongylidae, Strongyloididae, Oxyurata, Trihonematidae, Dictyocaulus spp., Parafilaria multipapillosa, Onchocerca cervicalis and larvae of Gasterophilus spp.
- **reindeer**: edemagenosis caused by caribou warble fly Oedemagena tarandi, cephenomyosis caused by Cephenomyia trompe.

Contraindication:
Do not administer to foals younger the age of 4 months.

Administration and dosage:
Orally, directly into the mouth: 1 ml / 20 kg of b.w.
It is administered on a root of tongue in a single dose.

Warning:
Slaughter of animals for meat is allowed in 28 days after the last treatment. If meat is obtained before specified period it must be fed to unproductive animals or for production of meat-and-bone meal tankage.

Packaging:
Syringe of 30 ml.

Storage:
Store in dry, dark place at the temperature from +1 °C to + 20 °C.

Shelf life:
2 years.

Clozafen

tablets for oral administration

Description:
Blue tablets of flat oval (1 g) and oval-oblong (5 and 10 g) forms.

Composition:
1 g of the drug contains active substances:
oxyclozanide — 375.0 mg;
fenbendazole — 225.0 mg.

Indications:
It is indicated for deworming of cattle and small cattle, camels and buffaloes suffering from:
- trematodosis (acute and chronic fasciolosis, dicrocoeliasis, paramphistomatosis, eurytrematosis);
- nematodosis of gastrointestinal tract and lungs (haemonchosis, bunostomosis, e esophagostomosis, nematodirosis, ostertagiosis, chabertiosis, cooperiosis, strongyloidosis, trichostrongylosis, trichocephaliasis, neoascariosis, dictyocaulosis, protostrongylosis, mulleriosis, cystocaulosis);
- cestodoses (avitellinosis, monieziosis, stylesiosis, thysanieziosis);
- entomoses (hypodermatosis, oestrosis, dermatobiasis, crivelliosis, cephalopinosis).

Contraindications:
It is not recommended for animals suffering from infectious diseases and for emaciated animals, males and females during the coupling period and for females in the first month of pregnancy.

Administration and dosage:
Tablets are administered to animals once forcibly set to the root of the tongue in the morning before feeding in doses:
- **cattle, buffaloes** and **camels** — 1 tablet weighing 5 g per 150-200 kg or 1 tablet weighing 10 g per 300-400 kg of body weight.
- **sheep** and **goats** — 0.5 of tablet weighing 1 g per a head of young animal weighing 10 — 20 kg, 1 tablet weighing 1 g per a head weighing 30-40 kg.

Warning:
Slaughter of animals for meat is permitted no earlier than in 14 days after the last administration of the drug, milk can be used in food purposes no earlier than in 2 days after deworming. In the case of forced slaughter before the deadline the meat is disposed or is fed to unproductive animals according to the conclusion of a doctor of veterinary medicine. Milk received before the deadline can be drunk for young animals.

Packaging:
Blisters of 10 tablets, plastic containers of 10, 20, 50 or 100 pieces.

Storage:
Store in dry, dark place at a temperature from +2 °C to +25 °C.

Shelf life:
2 years.

Helmisan

gel for internal use

Description:
Homogeneous, light yellow gel, without characteristic smell

Composition:
1 ml contains:
pyrantel pomoat — 300 mg;
praziquantel — 20 mg.

Indications:
It is indicated for the treatment of hoofed animals helminthiasis (horses, ponies, Przewalski horses, koulans, etc.) caused by mono- or associated invasions:

- nematodes of the gastrointestinal tract: Ascaridae, Strongylidae, subfamily of Strongilinae and Cyatostominae (Trihonematinae), Strongyloididae, Oxyuridae, Spiruridae;
- cestodes of Anoplocephalidae spp,
- larvae of Gasterophilus spp.,
- trematodes of Schistosomatidae, Dicrocpeliidae.

Contraindications:
Do not treat clinically sick and emaciated animals.

Administration and dosage:
The drug is injected with a syringe-tube on the tongue root, once.
In case of infestations caused by the larvae of Trichostrongylus axei animals are administered the drug twice with an interval of 1 day. 1 ml of drug per 20 kg of body weight.
Preventive deworming of adult horses is recommended to conduct regularly every 3-4 months.
For deworming of wild animals certain dose of the drug is mixed with damped feed stuff and such a medical-feed mixture is fed in the morning individually or by a group method.

Warning:
Do not administer to females in the last week of pregnancy.
Slaughter of animals for meat and milk consumption is allowed in 7 days after the last administration. In case of slaughter before the specified period the meat is used only for carnivores feeding or for the meat-and-bone-meal tankage.

Packaging:
Syringe-tube with dispenser of 20 and 30 ml.

Storage:
Store in a dark, dry place at the temperature from +1 °C to +25 °C.

Shelf life:
2 years.

Kombitrem emulsion

emulsion for oral administration

Description:
White, odorless and tasteless emulsion.

Composition:
1 ml contains:
triclabendazole — 50 mg;
albendazole — 100 mg.

Indications:
It is indicated for deworming of cattle, sheep and goats affected by fascioliasis and associative helminthiasis.

Administration and dosage:
Drug is administered with water once a day in such doses:
- **cattle** — 1 ml/10 kg of b.w.;
- **sheep** and **goats** — 0.75 g/10 kg of b. w.

Contraindications:
Do not administer to females in the first third of pregnancy, to ewes in pairing period

Warning:
Shake before use.
Meat and milk for the food purposes are allowed to use in 14 and 2 days, respectively.

Packaging:
Polypropylene or glass vials of 50 ml, 100 ml, 300 ml, 1 liter; plastic containers of 5 and 10 liters.

Storage:
Store in a dry, dark place at the temperature from +4 °C to +25 °C.

Shelf life:
2 years.

Ophtalmo-gel

gel for external use

Description:
Homogeneous transparent viscous yellow liquid.

Composition:
1 g contains:
ivermectin 2.5 mg;
tylosin tartrate 10 mg;
xeroform 10 mg.

Indications:
It is indicated for treatment of animals (cattle, dogs, rabbits) affected by ophthalmologic diseases of parasite etiology: thelaziosis of cattle; blepharitis (scaly and ulcerative), conjunctivitis (acute catarrhal, purulent, follicular), keratitis (surface); treadwheel-infectious conjunctivitis (rickettsial disease) or associative invasive-infectious (thelaziosis-microbial) etiology.
Treatment of dogs, cats and rabbits affected by otitis of parasite etiology (external ear: pinna, external auditory canal, middle ear): notoedric mange, otodectic mange, psoroptic mange, sarcoptic mange, chorioptic mange, cheyletiellosis.
Treatment and prevention of myiasis in cattle, sheep, dogs, cats, rabbits.

Contraindications:
Hypersensitivity to the active substances of the drug.

Administration and dosage:
1. In case of cattle thelaziosis the head of the animal is fixed in such a way that the eye is above and Ophtalmo-gel is slowly administered by syringe-tube in the conjunctival sac at a dose of 0.8-1 ml, easily making a massage. Drug is used within 3-4 days for complete recovery.
In case of inflamed eyelids, their edges are cleared from scales and apply Ophtalmo-gel using tampons.
During the treatment of other ophthalmic diseases 5-7 drops of this drug are administered into the area of the inner corner of eye. This process is repeated 4-7 times with 12-hour intervals. If the blepharitis was caused by mites, the treatment is repeated 2-3 times in 10 days regardless of the results of the first course of treatment.
2. When treating otitis in animals the hair is cut inside the ear, remove the scales and using tampons apply Ophtalmo-gel on the affected skin 2 times a day. The treatment lasts 3-4 days for complete recovery. Both ears are treated simultaneously. If the disease was caused by mites in 8-10 days the treatment is repeated throughout the day.
3. To prevent volfartiosis fresh wounds of animals in summer are smoothed by Ophtalmo-gel. Wounds, infected with larvae of flies, are treated 2 times a day until complete recovery (3-4 days).

Warning:
None.

Packaging:
Syringe-tubes, bottles of dark glass or polymeric materials with pipette of 4 ml, 10 ml, 20 ml.

Storage
Dry, dark place at the temperature from +2 °C to +20 °C.

Shelf life:
2 years

Rybolik

powder for oral administration

Desciption:
Granulated powder from white to light yellow colour.

Composition:
1 g contains:
praziquantel — 35 mg;
fenbendazole — 70 mg;
levamisole — 20 mg.

Indications:
It is indicated for therapeutic and prophylactic deworming of carp fish and grass carp affected by helminthes:

- intestinal cestodosis: bothriocephalosis (Bothriocephalus opsariichydis, B.acheilognati, B. gowkongensis), cariosis (Khavia sinensis), cariophylesis (Caryophyllaeus fimbriceps);
- trematodes: Sanguinicola skrjabini, Postodiplostomum cuticola, Hysteromorpha triloba Tetracotyle spp.;
- nematodes: Skrjabillanus amuri and Philometroides lusania (larval stage).

Contraindications:
None.

Administration and dosage:
For deworming treatment the medicated-feed mixture is prepared: 1 kg of the drug (one package) is thoroughly mixed with 99 kg of feed (corresponding recipe for each age group of fish). Therapeutic (daily) dose of medicated-feed mixture for each pond is 1.5% of the estimated mass of the fish. Dose is divided into 5-6 equal portions, which are at an interval of 1-2 hours are applied to certain feeding sites during the day. Another feed is not recommended to apply during this day. If the fish was not fed by feed at all, before deworming it is necessary to teach a fish to feed and to feeding sites.

Routine deworming of fingerlings are preferably carried out on August, and if necessary — on October.
Deworming of two-years old is carried out once in 4-5 weeks after the placement into the fishing ponds.
Spawners and heifer are treated in spring for 2-3 weeks before the predictable start of spawning. Regarding diagnostic indications the treatment of fish is carried out in any time of the growing season.

Warning:
Fish capture for consumption is allowed in 3 weeks (21 days) after deworming.

Packaging:
Packages made of polymeric material or multi-layer paper of 500 g and 1, 10, 25 kg.

Storage:
Dry, dark place at the temperature from -10 °C to +20 °C.

Shelf life:
2 years.

Trematozol

emulsion for oral administration

Description:
Homogeneous, light yellow emulsion, without significant odor and taste.

Composition:
1 ml contains:
oxyclozanide — 95 mg;
pyrantel pamoate — 200 mg.

Indications:
It is indicated for treatment and prevention of cattle, sheep and goats affected by helminthiasis caused by species of trematodes and nematodes sensitive to the Trematozol.

Contraindications:
Do not administer to emaciated animals. Do not administer to cows during the first month after insemination, to ewes of pairing period and during the first months after withdrawal of sheep from the flock.

Administration and dosage:
Preventive and therapeutic deworming is held at the beginning of the housing season.
cattle — 1 ml per 10 kg of body weight, one time with water.
sheep and goats — 0.75 ml per 10 kg of body weight, one time.

Warnings:
Carefully check the accuracy of dosing while group deworming. After deworming of cattle by Trematozol, meat can be used for human consumption in 14 days, milk can be used in 1 day.

Packaging:
Glass and plastic vials of 50, 120 and 1000 ml.

Storage:
Store in dry, dark place at the temperature from +5 °C to +25 °C.

Shelf life:
3 years.

Azidin-vet

powder for injection solution

Description:
Yellow homogenous powder, odorless with bitter taste, easily soluble in water.

Composition:
1 g contains:
diminazine aceturate — 438 mg;
phenazone — 562 mg.

Indications:
Treatment and prevention of parasitic diseases of blood in cattle, sheep, goats, dogs and cats — babesiosis, trypanosomiasis (sous-aura camels and horses).

Contraindications:
Do not administer to animals with inflammatory processes in kidneys.

Administration and dosage:
7% water solution of the drug is administered intramuscularly or subcutaneously. For productive animals the therapeutic dose of 7% solution is 3.5 mg of Diminazine aceturate per 1 kg of b.w., or 1 ml per 20 kg of b.w. If the general state of the animals doesn't improve after single administration, the procedure is repeated in 24-30 hours in the same dose.
Upon detection of first cases of diseases, the drug is administered prophylactically to all livestock at a dose of 1 ml per 40 kg of b.w.
For treatment of dogs the contents of the vial is dissolved in water at a ratio of 1:2, receiving the 3.5% solution. The therapeutic dose is 0.1 ml of solution per 2 kg of b.w. The calculated dose is administered twice at an interval of a day.

Warning:
After administration, the slaughter of animals for meat is allowed in 20 days. In case of slaughter before specified period, the meat is used to feed unproductive animals or for the production of meat-and-bone tankage. Milk of lactating animals is not allowed to use in food during 3 days after the last treatment.

Packaging:
Glass vials of 0.24, 2.4, 24 g, packages of 200 g.

Storage:
Store in dry, dark place at the temperature from +8 °C to +20 °C. Prepared solution store in the refrigerator for 14 days.

Shelf life:
2 years.

Brovitacoccid

powder for oral administration

Description:

Microgranulated powder of white or slightly yellow color, with characteristic odor, soluble in water.

Composition:

1 g contains:
amprolium hydrochloride — 125 mg;
vicasol — 2 mg; vitamin A — 10 000 IU.

Indications:

It is indicated for treatment and prevention of animals affected by eimerias: **calves** — E. bovis, E. cylindrical, E. ellipsoidae, E. zuernii, Cryptosporidium muris and C. parvus; **sheep, goats** — E. arloigni, E. faurei, E. intracata, E. ninaekohljakimovae; **pigs** — E. debliecki, E. scabra, E. spinosa, E. suis, Isospora suis; **rabbits** — E. magna, E. perfonas, E. stiedae; **carnivores** — Isospora canis, I. ohioensis, I. rivolta, I. felis; **chickens** — E. acervulina, E. maxima, E. necatrix, E. tenella; **turkeys** — E. adenoeides, E. meleagrimitis; **pheasants** — E. colchii; **goose** — E. anseria, E. nocens, E. truncate; **pigeons** — E. labbeana.

Contraindications:

Do not administer to laying hens and the puppies up to one month of age.

Administration and dosage:

The drug is mixed with the daily portion of water or feed. Dosages for different animals are in the table:

Animal/Disease	Dose, g		Application
	per 10 kg of b.w.	per 1 l of water or 1 kg of feed	
Calves			
eimeriasis	1		5–10 days
cryptosporidiosis	1.5		5–10 days
prophylactics	0.4–0.5		21 days
Sheep, goats			
treatment	4		5 days
prophylactics	0.6		21 days
Pigs			
treatment	2–4		5 days
prophylactics	0.4		4–8 weeks
Rabbits			
treatment		2–2.5 (water)	4–5 days
prophylactics		1 (water)	21 days
Carnivorous			
treatment	2		7–10 days
prophylactics (females in 10 days prior to parturation)		6	
Hens, turkeys, geese, pigeons, pheasants			
treatment		2	5–10 days
prophylactics:			
• chickens up to 2 months		0.9–1 (feed)	
• chickens up to 4 months		0.7 (feed)	
• before laying		0.4 (feed)	
• meat breed		1 (feed)	During whole growing period
• turkeys, geese, pigeons, pheasants		1 (feed)	During whole growing period

Warning:

Slaughter of animals for meat is allowed in 14 days after the last administration of therapeutic doses of the drug (7 days for poultry) or in 2 days after the preventive one.

Packaging:

Plastic containers, packages of laminated paper of 10, 30, 50, and 100 g and plastic bags of 500 g and 1 kg.

Storage:

Store in a dry, dark place at the temperature from +4 °C to +20 °C.

Shelf life:

12 months.

Robencox

powder for oral administration

Description:
Powder of light-brown color.

Composition:
1 g contains:
robenidine hydrochloride 100.0 mg.

Indications:
It is indicated for the prevention and treatment of eimeriosis:
- **broiler chickens** — E. mitis, E. brunetti, E. tenella, E. acervulina, E. maxima, E. necatrix, E. praecox
- **turkeys** — E. adenoeides, E. meleagrimitis, E. gallopanovis;
- **rabbits** — E. magna, E. media, E. stiedae

Contraindications:
Do not administer to laying hens, eggs of which are used for food purposes. Do not use with feed antibiotics.

Administration and dosage:
The drug is fed to broiler chickens and turkeys along with feed in a dose of 300-360 g / ton of feed (robenidine hydrochloride 30-36 mg / kg of feed). For the preventive purposes the drug is fed to turkeys from the first days of life to the four-month old, for broiler chickens it is fed during the whole period of cultivation.
For rabbits the drug is fed with mixed feed during the fattening period (from weaning to slaughter) in a dose of 500-660 g / ton of feed (robenidine hydrochloride 50-66 mg / kg of feed).
The drug is compatible for use with vitamins and other feed additives used in poultry and rabbit breeding.

Warning:
When working with the drug it is recommended to use protective clothing, respirator, gloves and goggles. When hurting the eyes, wash them with plenty of water for 15 minutes. Slaughter of poultry and rabbits for meat is allowed in 5 days after the last administration of the drug. In the case of slaughter before the specified period the meat is used to feed carnivorous animals.

Packaging:
Polymer packages of 6, 500.0 or 1000.0 g or multilayer paper bags of 20 kg.

Storage:
Store in dark, dry place, away from children at the temperature from +4 °C to +25 °C. After opening the drug should be used during 3 months.

Shelf life:
3 years.

Theilersan

solution for injection

Description:
Clear cherry-red solution.

Composition:
1 ml contains:
buparvaquone — 50.0 mg.
Excipients: vegetable oil, sorbitan monooleate, butanol, distilled water.

Indications:
It is indicated for treatment and prevention of cattle affected by thelaziosis (coast fever, corridor disease, tropical thelaziosis, etc.) the agents of which are protozoa of the family Theileria: Theileria parva, T. mutans, T. annul ata and T. orientalis (sergenti).

Administration and dosage:
Theilersan is used for intramuscular injection only (in neck area) in a dose of 2.5 mg of Buparvaquone per each kg of body weight, that is identical to 1 ml of the drug per 20 kg of body weight. A single dose provides the disappearance of clinical signs. In case of insufficient efficacy in individual animals, they must be injected once more in analogue dose on the third day after the first injection.

Warning:
The drug is administered intramuscularly only. Maximum 10 ml of the drug is administered in one place. In some cases, on the injection site painless localized edema may occur, which resolves in 40-60 hours without intervention. The duration of excretion: meat — 1.5 months, milk — 2 days after the injection.

Packaging:
Opaque glass (orange) or polymer bottles, tightly stoppered under the aluminum run of 10, 20 and 50 ml.

Storage:
Store in dry, dark place at the temperature from +4 °C to +25 °C.

Shelf life:
2 years.

Apihealth

gel for hives

Description:
Gel of white or yellowish colour

Composition:
1 g contains:
tymol — 250 mg;
eucalyptic oil — 50 mg;
menthol — 12 mg.

Indications:
It is indicated for treatment of bees suffering from varroatosis and for prevention of acarapidosis, ascospherosis, aspergillosis, American and European foulbrood and larvae of bee moth.

Contraindications:
None.

Administration and dosage:
Container with the drug is placed in the center of hive, on the sections, leaving 0.5-1 cm of free space between container and the hive cover roof. It is used in such doses:
- strong bee-family — 50 g
- nucleus or week bee-family — 25 g.

Container is removed in two weeks, and the new dose of the drug is placed in the hive. In spring and summer the treatment is ended 7 days prior to the beginning of honey flow. In late summer and autumn the treatment is conducted after pumping out the honey at the temperature +15 to + 27 C.

Warning:
Staff contacting with the product should use protective clothing, avoid contact with skin or eyes. After finishing the work wash your hands thoroughly with soap and water. If the drug gets on the skin wash it off with soap and water, and when it gets into the eyes — wash them with plenty of running water. Do not inhale!

Packaging:
Tubes of 25, 50, 100, 150, 200 g, plastic containers of 500 g, 1 kg.

Storage:
Store in dry and unavailable from children place, far from heating equipment, separate from food and feed at the temperature of +5 °C to +25 °C.
After opening use within 20 days.

Shelf life:
2 years.

Cyflur

solution 1% for external use

Description:
Yellowish liquid, transparent, oily.

Composition:
1 ml contains:
cyfluthrin — 10 mg.

Indication:
Protection of cattle during the grazing period and of dogs during the period of ectoparasites activity, namely from the flies Haematobia stimulans, Lyperosia irritans, L. titilans, Stomoxys calcitrans, Musca autumnalis, M. larvipara, M. Amica, mosquitoes Aedes, Anopheles, Culex, midges Boophthora, Simulium, Schaenbaueria, winterweed Culicoides, Forcipomya, Zentocononops, gad-flies Chrysops, Haematopota, Tabanus, Hypoderma bovis, H. lineatum, ixode ticks, fleas Ctenocephalides canis, lice Linognathus setotus.

Contraindications:
Do not administer to calves and cattle weighting less than 300 kg, puppies under 2 months, pregnant females in the first half of pregnancy.

Administration and dosage:
The drug is applied to dry, clean, undamaged skin:
- **cattle** — 10 ml per 1 animal is slowly rubbed along the spine from the withers to rump at the air temperature not higher than +25 C. Avoid getting water on the site of application during 3 hours; dairy cows are treated after evening milking;
- **dogs** — 1 ml per 10 kg of b.w. is applied and rubbed slightly in the withers area.

The drug provides the best protective effect with simultaneous treatment of all cattle in spring, when the pasture starts and with regular treatments every 4-6 weeks. Reprocessing for dogs — not earlier than in 4 weeks.

Warning:
Staff in contact with the drug should observe personal hygiene and safety, recommended for work with veterinary medicines (coat, hat, rubber boots, gloves). After processing wash hands with warm water and soap.
When used in recommended doses restrictions on the use of meat and milk do not apply.

Packaging:
Plastic and glass bottles of 10, 20, 200, 500 ml, polymer pipette of 0.5, 1, 2 ml, syringe-tubes of 4, 10 ml.

Умови зберігання
Store in a manufacturer packaging in a dry, well ventilated, protected from direct sinlight place, apart from food and feed at the temperature from +8 °C to +25 °C.
After opening store the drug tightly closed and use within two months.

Shelf life:
2 years.

Ektosan

solution for external use

Description:
Transparent oily liquid of light-yellow color with a slight pleasant characteristic smell.

Composition:
1 ml contains:
alfametrin — 85 mg;
piperonyl-butoxide — 115 mg.

Indications:
It is indicated for prevention and treatment of animals (cattle, sheep, goats, horses, pigs, dogs, foxes, poultry) affected by parasites, sensitive to the components of the Ektosan.

Contraindications:
Do not treat clinically sick animals and females in the last week of pregnancy.

Administration and dosage:
Working solutions for the treatment of animals are used mainly by spraying with different sprayers. Affected skin sections are rubbed by the solution (with brushes) during 40-50 sec. For small animals (sheep, dogs, foxes) the most efficient method is bathing. Working solutions are prepared immediately before use by adding an accurate dose to the amount of drinking (not chlorinated) water.
Aqueous solutions at the rate of 1:500 are used for desacarisation of livestock buildings (0.2 l/m^2), and for disinfection (against the flies) — 1:50. This solution is treated up to 10% of the premises (doors, window sills, walls, etc.).
Dilution of 1:750 is used for treatment of animals infected by ticks of such families as Psoroptidae, Sarcoptidae, Heyletidae, Demodecidae and poultry infected by biting lice or by agents of syringophilosis etc. Dilution of 1:1000 is used for animals affected by pathogens of other ectoparasites.
For a one time treatment working solutions in the following amounts are used:

- **cattle, horses** — 1-3 liters per animal, and for the protection against midges — once a day in quantity of 0.2-0.3 liters.
- **pigs** — 0.5-1 liter per animal;
- **chicken, turkey** — 20-60 ml per bird.

Geese and ducks are treated by deep, short-term immersion in the tank with a working solution.
In case of animals infected by different mites of other families, the treatment is repeated in 9-12 days in the same dose.

Warning:
All works associated with the drug and its solutions are carried out in overalls (gown, rubber apron, hat, rubber boots and gloves, goggles, respirator). During the work it is forbidden to smoke, drink, eat. It's necessary to wash hands and face with soap carefully, mouth rinse with water after finishing work. In case of drug penetration on the skin or mucous membranes these parts should be quickly washed with water. With the signs of intoxication (dizziness, nausea, general weakness) you should address the doctor.
Contaminated packaging by the drug is neutralized by 3-5% solution of sodium carbonate (within 5-6 hours), then it is washed with water.
Remains of the drug is neutralized by 5% solution of caustic alkali, aqueous suspension of slaked lime, or chlorine in the form of water suspension (1:3). The remains of the drug are poured into a hole deeper than 0.5 m, located at a distance from water sources and the places where the animals graze.
Slaughter of animals for meat is permitted in 14 days after the last use of the drug. In the case of the slaughter before the specified period, the meat is used to feed carnivorous animals or for the meat-and-bone meal tankage.
There are no restrictions in using milk and eggs.

Packaging:
Glass or polymeric ampoules of 1, 5 and 10 ml; glass or polymeric vials of 10, 20, 50, 100, 200, 500 and 1000 ml; polymeric canisters of 2.5, 5 and 10 liters.

Storage:
Store in the dark place, in the original package, at a distance from the heating elements, away from children and animals, away from food and feed at the temperature from -20 °C to +25 °C.

Shelf life:
2 years.

Ektosan-powder

powder for external use

Description:
Fine, bulk powder of grey-white colour with a light pleasant characteristic odor.

Composition:
1 g contains:
alfacypermethrin — 5.0 mg.

Indications:
It is indicated for cattle, sheep, goats, horses, pigs, rabbits, dogs, cats affected by:
- flies (gadfly, mosquitoes, gnat and others), fleas;
- argasid ticks, mole mites, ixodic ticks, pathogens of ectoparasites that are sensitive to the active components of the drug.

Also, for disinfection of livestock buildings, cages etc.

Contraindications:
Do not treat females-gentle and young animals at the age up to 10 weeks.

Administration and dosage:
For the therapeutic purpose the powder is mainly used by method of individual powdering of animals at the rate of 100-200 g — for large animals and 20-50 g — for small animals. The drug is applied with a thin layer on skin and hair from head to tail root, as well as on the dewlap and internal body areas. During the process of its application, it is necessary to use a brush for rubbing powder into the skin (against the wool).
Depending on the dominant pathogen of existing parasites, re-treatment of animals should be conducted in 7-14 days.
For prevention purpose the powder is applied to animals in a dose of 1.5-2 times less than therapeutic one. For sustainable repellent effect such kind of treatment should be repeated every 3-4 days for the entire period of the threat.

The processing of poultry houses in presence of birds in them is carried out by means of aerosol generator of cold mist type PORT-423-P with a special powder spray nozzle of with another models. For single-stage birdcage placement the preparation is used at a ratio of 10 grams per square meter of the room and add 10% for each additional tier.
Prophylactically treatment the preparation at a rate of 5-7 g per head is applied around the areas of falling feathers, near the cloaca and under the wings.
For prevention in protected from the rainfall a mixture for bathing should be placed: dry sand or chalk — 4 kg, vegetable ash — 1 kg, Ektosan-powder — 100 g.

Warning:
All works with the drug must be conducted by using overalls (gowns, aprons, headgear, rubber gloves). When working with aerosol generators: goggles, respirator). It is necessary to wash hands with the soap and water carefully.

Packaging:
Polymeric vials of 35, 60 g, or polymeric packages of 0.5, 1, 0 kg.

Storage:
Store in original package, in dry and protected from direct sunlight place, separate from food and feed at the temperature from — +20 °C to +25 °C.

Shelf life:
2 years.

Ektosan spot-on

solution for external use

Description:
Clear, oily liquid of light-yellow color with a pleasant characteristic smell.

Composition:
1 ml contains:
alfacypermethrin — 65 mg,
piperonyl-butoxide — 300 mg.

Indications:
It is indicated for prevention and treatment of horses, camels, dogs affected by:
- bloodsucking flying insects (botflies, mosquitoes, midges and other kinds of gnus), fleas, flies;
- agrases, gamazoids, and ixodic ticks and the pathogens of other ectoparasites sensitive to active components of EKTOSAN-SPOT-ON.

Contraindications:
Do not treat clinically sick and weak animals.
Do not administer to foals and puppies under the age of 3 months.
Do not administer to suckling mares during the first two months after birth.
Do not administer to animals of other species.

Administration and dosage:
Solution (2-3 ml in one entry point) is applied on the skin in areas of the neck, withers, dewlap, thighs and around the tail.
The drug is used for horses and camels in a dose of 33 ml per animal. For young animals of this species weighing 200 kg, the drug is used at the rate of 1.5 ml / 10 kg of body weight.
The treatment is recommended in the evening to exclude the possibility of stay of animals exposed to direct sunlight for 10-15 hours.

Warning:
When treating the animals you should avoid getting the drug on damaged skin, eyes and mucous membranes of animals.
After processing you should limit manipulations with animals and during the day avoid getting water or detergent on the treated skin. If unable to achieve this, worth a re-processing, but no earlier than in 7 days.
It may be desired to wear gloves. Do not smoke. Upon completion of work, wash hands with soap and water.

Packaging:
Glass or polypropylene ampoules of 1, 5, 3, 4.5 ml, vials of 33 or 330 ml.

Storage:
Store in the container of the manufacturer, in dry, dark place at the temperature of +25 °C.

Shelf life:
2 years.

Brovaseptol injectable

powder for injection

Description:
Homogeneous powder of light yellow color with low characteristic smell.

Composition:
1 g contains:
sulfadimetoxin sodium salt — 300.0 mg;
sulfadiazine sodium salt — 300.0 mg;
trimethoprim — 120.0 mg.
Completed with a bottle of sodium chloride 0.9%.

Indications:
It is indicated for treatment of cattle, sheep, goats, horses, pigs, rabbits, dogs, cats and poultry (hens, turkeys, geese, ducks) suffering from the diseases of the digestive tract (gastritis, enteritis, dyspepsia), respiratory organs (tonsillitis, tracheitis, pharyngitis, pneumonia, pleurisy) and genitourinary system (puerperal sepsis, cystitis, urethritis, endometritis), postoperative complications, as well as animals suffering from mastitis, actinomycosis, erysipelas, dysentery, diplococcus, enterotoxaemia , eimeriosis, colibacillosis, pasteurellosis, pullorosis, edematous disease, mycoplasmosis, salmonellosis caused by microorganisms Staphylococcus spp., Streptococcus spp., Neisseria spp., Clostridium spp., Listeria monocytogenes, Corynebacterium spp., E. coli, Salmonella spp., Klebsiella spp., Proteus spp., Citrobacter spp., Pasteurella spp., Bordetella spp., Enterobacter spp., Yersinia enterocolitica, Chlamidya spp., Vibrio cholerae, as well as Pneumocystis carinii, Coccidia, Toxoplasma.

Contraindications:
Hypersensitivity to the drug. Do not administer to animals with impaired renal function and liver.

Administration and dosage:
Drug is diluted with sodium chloride solution 0.9%, and administer intramuscularly in the following doses:
- **cattle, sheep, horses, pigs** — 0.6-0.8 ml per 10 kg of b.w.;
- **dogs, cats** — 0.1-0.15 ml per 1 kg of b.w.;
- **poultry (hens, turkeys, goose, ducks), rabbits** — 0.1 ml per 1 kg of b.w.

For large animals intravenous or intraarterial administration is allowed. The drug is administered 3-5 times at intervals of 24-36 hours during 5 days. If clinical symptoms remain, the course continues for 2 more days.
Treatment of young poultry, pigs and rabbits can be carried out orally with drinking water. For that to the daily requirement of drinking water is added the drug in a dose of 1 ml per 0.9-1.2 liters of water or 1 g of powder per 3 liters of water.
Injection over 10 ml (for small and young animals) and 20 ml (for large and mature animals) is divided into two or more parts and injected in different locations.

Warning:
Do not dilute with novocaine.
Goats are hypersensitive to sulfonamides, so the drug injection should be extremely cautious.
Slaughter of calves, sheep, pigs, rabbits for meat is allowed in 10 days, milk is allowed to use in food in 10 days.

Packaging:
Glass vials of 3.3 and 6.6 g (including a sterile bottle of sodium chloride 0.9% of 8 and 16 ml, respectively).

Storage:
Store in a dark place, protected from light at the temperature from 0 °C to +25 °C.
Prepared solution should be used within 1 day. If it's stored in the fridge — during 3 days.

Shelf life:
2 years.

Ceftioclin

suspension for injection

Description:
Homogeneous, sterile, light-yellow suspension.

Composition:
1 ml contains:
ceftiofur hypochloride — 50.0 mg.

Indications:
It is indicated for:
- **cattle**: treatment of acute post-partum endometritis, necrobacteriosis, respiratory diseases caused by microorganisms (Pasteurella haemolytica, Pasteurella multocida, Haemophilus somnus, Streptococcus agalactiae, S. dysgalactiae, S. bovis, Escherichia coli, Fusobacterium necrophorum and Bacteroides melaninogenicus) sensitive to ceftiofur;
- **pigs**: respiratory disease and the treatment of other infections, caused by microorganisms (Haemophilus somnus, Actinobacillus pleuropneumoniae, Salmonella cholerasuis and Streptococcus suis) sensitive to ceftiofur.

Contraindications:
Individual sensitivity of animals to ceftiofur and other beta-lactam antibiotics.

Application and dosage:
Cattle — subcutaneously or intramuscularly, once a day in a dose of 1 ml per 50 kg of body weight (equivalent to 1 mg of ceftiofur per 1 kg of body weight). Period of treatment — 3-5 days for respiratory diseases, not less than 3 days for necrobacteriosis, 5 days for endometritis.
Pigs — intramuscularly, once a day, in dose of 1 ml per 16 kg of body weight (3 mg of ceftiofur per 1 kg of body weight) during 3-4 days.
Sheep and goats — intramuscularly, once a day, in dose of 1 ml per 50 kg of body weight (1 mg of ceftiofur per 1 kg of body weight) during 3-5 days.

Warning:
Do not mix with other drugs in one siringe.
Slaughter of animals for human consumption is allowed in 8 days (cattle) and 5 days (pigs) after the last treatment. Meat obtained before the specified period is utilized or used for feeding of unproductive animals, depending on the conclusion of veterinarian.
The duration of excretion for milk is 0 hours.

Packaging:
Glass and polymeric vials of 1, 20, 50 and 100 ml.

Storage:
Store in dry, dark place at the temperature from +4 °C to +25 °C.
After opening the drug should be stored at the temperature from +4 °C to +8 °C during 15 days.

Shelf life:
2 years.

Ceftiokur

powder for injections

Description:
Powder from white to brown color.

Composition:
1 vial contains:
sodium ceftiofur

Indications:
It is indicated for:

- **cattle**: treatment of respiratory diseases caused by Pasteurella (Mannheimia) haemolytica, Pasteurella multocida, Histophilus somni, and animals suffering from postpartum endometritis and acute interdigital necrobacillosis.
- **pigs**: treatment of respiratory diseases caused by Actinobacillus (Haemophilus) pleuropneumoniae, Pasteurella multocida, Salmonella choleraesuis and Streptococcus suis.
- **horses**: treatment of respiratory diseases caused by Streptococcus zooepidemicus bacteria.
- **sheep and goats**: treatment of respiratory diseases caused by Pasteurella (Mannheimia) haemolytica and Pasteurella multocida.
- **dogs**: treatment of animals suffering from arthritis, as well as diseases of the respiratory system, urinary tract and skin caused by Escherichia coli and Proteus mirabilis.

Prevention of early morbidity of one-day chicken and turkeys, caused by Escherichia coli, Citrobacter spp., Klebsiella spp., Proteus spp., Pseudomonas spp., Staphylococcus spp., Salmonella spp.

Contraindications:
Do not administer to animals with hypersensitivity to ceftiofur or other beta-lactam antibiotics.

Administration and dosage:
Before using, dissolve the contents of the vial of 0.5, 1.0 or 4.0 g in 10, 20 or 80 ml of sterile water for injections, respectively. The water should be pre-heated to the room temperature. 1 ml of the resulting solution should contain 50 mg of ceftiofur.
The drug is administered one time subcutaneously or intramuscularly daily for cattle, for pigs and horses — intramuscularly, dogs — subcutaneously, chicken and turkeys — subcutaneously.

- **Cattle** — 1 ml per 50 kg of body weight (1 mg of ceftiofur per 1 kg of body weight) but not more than 15 ml in one injection site during 3-5 days;
- **Pigs** — 1 ml per 16 kg body weight (3.5 mg of ceftiofur per 1 kg of body weight) but not more than 10 ml in one injection site during 3 days;
- **Horses** — 2.3 ml per 50 kg of body weight (3 mg of ceftiofur per 1 kg of body weight) but not more than 10 ml in one injection site, until the recovery. Intervals between injections are 24 hours, but no more than 10 consecutive days;
- **Sheep and goats** — 0.2 -0.4 ml per 10 kg of body weight (1 mg of ceftiofur per 1 kg of body weight) but not more than 5 ml in one injection site during 3-5 days;
- **Dogs**: in case of respiratory diseases the dose is 0.6 ml per 10 kg of body weight (3.3 mg of ceftiofur per 1 kg of body weight) during 5 days; skin diseases — 0.4-0.8 ml per 10 kg of body weight (2.2-4.4 mg of ceftiofur per 1 kg of body weight) during 8-10 days; diseases of the urinary tract, purulent wounds and polyarthritis — 0.8 ml per 10 kg of body weight (4.4 mg of ceftiofur per 1 kg of body weight) during 8-10 days.

One-day old chicken: 0.2 ml per 1 head (0.08-0.2 mg of ceftiofur per 1 head) one time, but not more than 0.2 ml in one injection site.
One-day old turkeys: 0.2 ml per 1 head (0.2-0.5 mg of ceftiofur per 1 head) one time, but not more than 0.2 ml in one injection site.

Warning:
Slaughter of animals for meat is allowed in 24 hours (cattle), 48 hours (pigs), 21 days (chicken and turkeys) after the last treatment. The duration of excretion for milk is 0 hours.

Packaging:
Vials made of glass of 0.5; 1.0 or 4.0 g.

Storage:
Store in dark place at the temperature from +2 °C to +8 °C.
Prepared solution store at the temperature from +20 °C to +25 °C not more than 12 hours. At the temperature from +2 °C to +8 °C — not more than 7 days.

Shelf life: 2 years.

Fluorfenlic 30

solution for injection

Description:
Clear, sterile liquid with a yellowish tint.

Composition:
1ml contains:
florfenicol — 300 ml.

Indications:
It is indicated for treatment of cattle and pigs suffering from diseases of bacterial etiology, pathogens of which are sensitive to florfenicol:
cattle — in case of infectious respiratory diseases caused by Pasteurella multocida, Klebsiella pneumonia, Streptococcus pneumoniae, Haemophilus somnus, interdigital phlegmons (purulent lesions of hooves, interdigital necrobaciliosis, infectious pododermatitis) caused by Fusobacterium necrophorum and Bacteroides melaninogenicus, as well as in case of infectious keratoconjunctivitis caused by Moraxella bovis.
pigs — in case of infectious respiratory diseases, especially bovine pleuropneumonia caused by Actinobacillus pleuropneumoniae and / or Haemophilus parasuis, Pasteurella multicida, M. hyopneumoniae, M. hyorhinis and atrophic rhinitis.

Contraindications:
Hypersensitivity to florfenicol. Do not administer to farrowing sows, heifers in the first third of pregnancy, bulls, breeding boars and lactating animals milk of which is used for food purposes.

Administration and dosage:
Cattle:
- Intramuscularly in the neck in a dose of 1 ml per 15 kg of body weight, twice every 48 hours.
- subcutaneously one time in a dose of 2 ml per 15 kg of body weight.

The dose of the drug administered in one injection site should not exceed 10 ml.
Pigs: intramuscularly in the neck in a dose of 1 ml per 20 kg of body weight, twice every 48 hours.

Warning:
While proper administering and dosage side effects are usually not observed. In some hypersensitive animals redness, swelling near the anal region and soft feces that do not affect the physiological state of the animals may appear which do not require the use of drugs.
Do not use simultaneously with tiamfenicol and chloramphenicol mixing in the same syringe with other drugs, as well as its contact with water. Dry syringes and injectors are used only.
Slaughter of cattle for meat is allowed in 34 days after the last intramuscular administration and in 42 days after subcutaneous one, and the meat of pigs is allowed to use for food purposes in 21 days after the last administration.
In the case of slaughter before the specified period the meat is utilized or fed to unproductive animals, depending on the conclusion of veterinarian.

Packaging:
Vilas of dark glass or polymers of 10, 20, 50, 100 and 200 ml.

Storage:
Store in dry, dark place, away from children at the temperature from +4 °C to +25 °C.

Shelf life:
2 years.

Oxyprol

solution 20% for injection

Desciption:
Homogeneous, clear, light yellow solution.

Composition:
1 ml contains:
oxytetracycline dihydrate — 200 mg.

Indications:
It is indicated for:
- **cattle**: actinomycosis, anaplasmosis, brucellosis, leptospirosis, clamidiosis, bronchopneumonia, pneumonia, necrobacteriosis, septic state, inflammatory processes in joints, skin, udder, uterus and also prevention and treatment of other infections caused by microorganisms sensitive to oxytetracycline. Auxiliary therapy in case of the treatment of infectious keratoconjunctivitis.
- **sheep, goats**: pasteurellosis, infectious ilirt, foot rot, umbilical sepsis, infections of respiratory organs, digestive tract, urinogenital system caused by microorganisms sensitive to oxytetracycline;
- **pigs**: atrophic rhinitis, swine erysipelas, leptospirosis, mycoplasmosis, pasteurellosis, clamidiosis, dysentery, infections of joints, respiratory organs, digestive tract and urinogenital system, MMA syndrome caused by microorganisms sensitive to oxytetracycline;
- **rabbits**: infectious rhinitis, mycoplasmosis, bacterial infections of respiratory organs, digestive tract, mucous membranes, wound infections caused by microorganisms sensitive to oxytetracycline;
- **poultry** (turkeys): collibacteriosis, pullorosis, respiratory mycoplasmosis, ornithosis, and also bacterial infections of digestive tract caused by microorganisms sensitive to oxytetracycline.

Contraindications:
Increased individual sensitivity to oxytetracycline.
Do not administer to animals suffering from kidneys and liver diseases.

Administration and dosage:
OXYPROL is the solution for intramuscular injection (deep administration). Dose is 1 ml/10 kg of body weight (20 mg of oxytetracycline/1 kg of body weight).
Dose for newborn piglets is as follows:
- 1-st week — 0.3 ml per animal
- 2-nd week — 0.4 ml per animal
- 3-rd week– 0.5 ml per animal

for elder pigs — 0.1 ml/1 kg of body weight.
Rabbits and poultry (turkeys) — 0.25 ml of drug/1 kg of body weight.
Injections of bigger doses is divided into two parts and injected to different areas:
- cattle — 20 ml
- calves, sheep, goats — 5 ml
- pigs — 10 ml

Warning:
Injections solution of adrenaline, caffeine, antihistamines preparations or corticosteroids must be administered to animals with symptoms of an allergy at once.
Slaughter of animals for meat and milk consumption is allowed in 21 and 7 days respectively. Obtained meat and milk before the specified period are utilized or fed for unproductive animals depending on the conclusion of veterinarian.
If solution was darkened in opened vial but remained clear (without precipitate), it means that the drug didn't lose the properties and efficiency.

Packaging:
Dark glass ampules of 5 and 10 ml or dark glass vials of 10, 20, 50 or 100 ml.

Storage:
Dry, dark place at the temperature from +5 °C to +20 °C.

Shelf life:
2 years.

TimTil

solution for injection

Description:
Clear yellowish solution.

Composition:
1 ml contains:
tiamulin hydrogen fumarate — 87.5 mg;
tylosin tartrate — 62.5 mg.

Indications:
It is indicated for:

- **pigs** — with prophylactic purpose against such diseases as: erysipelas, dysentery, ileitis, leptospirosis, listeriosis, campylobacteriosis, colibacillosis, pasteurellosis, salmonellosis, infectious gastroenteritis, enterocolitis spirohetnym, atrophic rhinitis, enzootic pneumonia and mycoplazmosis arthritis, caused by microorganisms sensitive to tiamulin and tylosin;
- **cattle, sheep and goats** affected by bronchopneumonia dysentery, peritonitis, metritis, umbilical sepsis, purulent arthritis, footrot, brucellosis, leptospirosis, obstetric complications and surgical infections caused by microorganisms sensitive to tiamulin and tylosin.

Contraindications:
Increased individual sensitivity to tylosin and tiamulin. Do not administer for sows in the first month after insemination. Do not administer TIMTIL® simultaneously with penicillins, cephalosporins and lincomycin because of antibacterial effect reduction. For pigs it is forbidden to use drugs containing monenzin, narazyne, salinomycin at least one week before and after treatment.

Administration and dosage:
The drug should be heated to +25 °C — +30 °C before administration.
Intramuscularly for all kind of animals in a dose of 1 ml per 10 kg of body weight once a day during 3-5 days. In case of enzootic pneumonia, mycoplazmosis arthritis in pigs specified dose must be increased for 25-50%.
After the treatment of pigs affected by dysentery or ileitis the treatment by this drug must be repeated in 7-10 days.

Warning:
In individual animals at the injection place a small edema, erythema, pruritus may appear, which disappear without intervention within 2-3 days after the end of treatment.
Slaughter of animals for meat and the use of their milk for human consumption is allowed in 10 days after the last treatment. Before the specified period the meat is fed to unproductive animals or is used for making meat-and-bone meal tankage (depending on the conclusion of veterinarian).

Packaging:
Glass or polypropylene vials of 10, 20, 50, 100 or 200 ml. Glass ampoules of 5 ml.

Storage:
Dry, protected from light place, at the temperature from +5°C to +25 °C.
After first opening of vial the residual of solution must be used during 20 days provided that it will be stored in dark place at the temperature from +2 °C to +6 °C.

Shelf life:
3 years.

Amoclanide

powder for oral administration

Description:
Powder of yellowish color, water-soluble

Composition:
1 g contains:
amoxicillin trihydrate — 200 mg;
clavulanate potassium — 50 mg.

Indications:
It is indicated for treatment of poultry (chickens, broilers, heifer hens), pigs, dogs and cats suffering from diseases of the digestive tract, respiratory system, urinary tract, skin and soft tissues caused by bacteria sensitive to amoxicillin trihydrate with clavulanate potassium.

Contraindications:
Hypersensitivity to penicillins, severe disorders of kidney function.
Do not administer to horses, rabbits, cavies, hamsters, chinchillas and small herbivores.
Do not administer to laying hens eggs of which are used for food purposes.
Do not use simultaneously with chloramphenicol, lincosamides, tetracyclines, macrolides, sulfanilamides.

Administration and dosage:
The dilution of the drug in water is prepared immediately before use.
Two hours before and during the whole treatment drinking water supply is stopped.

- **Poultry** (chickens, broilers, replacement chicks, heifer hens) — orally with drinking water — 1 g of drug per 10 kg of body weight;
  - for chickens and broilers up to 10 days of age — 12.5 g of drug
  - for the older poultry —25 g of drug per 100 liters of water during 3-5 days.
- **Pigs** — 0.2-0.5 g of drug per 10 kg of body weight with feed, milk or drinking water twice a day with a 12-hour intervals during 3-5 days. In case of severe disease, in the first day of treatment the dose can be increased twofold.
- **Dogs, cats** — 0.5 g of drug per 10 kg of body weight twice a day during 5-7 days in a mixture of minced meat or fish or other feed. In difficult cases, and in case of severe disease in the first 2 days of administration, the dose can be increased twofold twice a day, and the treatment is continued until full recovery.

Warning:
While proper administering and dosage side effects are usually not observed. In some hypersensitive animals may be allergic reactions.
Slaughter of poultry for meat is allowed no earlier than in 2 days and pigs — in 3 days after the last administration of the drug. In the case of slaughter before the specified period, the meat is utilized or fed to unproductive animals, depending on the conclusion of veterinarian.

Packaging:
Triplex packages of 5, 10 and 20 g; containers made of polymeric materials of 20, 500 and 1000 g.

Storage:
Store in dry, dark place, away from children at the temperatures from +10 °C to +25 °C.

Shelf life:
2 years.

Apramycin sulphate 50%

powder for oral administration

Description:
Powder from light — yellow to brownish color, soluble in water.

Composition:
1 g contains:
apramycin sulphate — 500.0 mg.

Indications:
It is indicated for:
- **calves** (up to six weeks of age): the treatment of animals suffering from gastroenteritis caused by microorganisms Essherichia coli, Salmonella spp., Pseudomonas spp., Streptococcus spp., Staphylococcus spp. and Proteus spp.
- **piglets** (up to the age of 120 days): treatment of animals suffering from gastroenteritis, dysentery, edema disease caused by microorganisms Essherichia coli, Salmonella spp., Pseudomonas spp., Streptococcus spp., Staphylococcus spp., Proteus spp., Bordetella bronchiseptica, Campylobacter spp. and Brachyspira hyodysenteriae.
- **lambs** (up to six weeks of age): the treatment of animals suffering from gastroenteritis caused by microorganisms Essherichia coli, Salmonella spp., Pseudomonas spp., Streptococcus spp., Staphylococcus spp. and Proteus spp.
- **chicken, broilers, laying hens** — diseases caused by Escherichia coli, Pseudomonas spp., Streptococcus spp., Staphylococcus spp., Proteus spp.
- **rabbits**: the treatment of animals suffering from mucoid enteropathy and colibacillosis.

Contraindications:
Do not administer to animals with hypersensitivity to apramycin or other aminoglycosides. Do not use simultaneously with β — lactam antibiotics due to the decrease of antibacterial activity and other aminoglycosides because of the possible increase of nephrotoxicity.

Administration and dosage:
Orally with drinking water.
For calves and lambs — with milk or milk replacer 1 time per day during 5-7 days in the following doses:
- **calves** (up to six weeks of age) — 40-80 mg of drug per 1 kg of body weight;
- **piglets** (up to the age of 120 days) — 15-25 mg of drug per 1 kg of body weight, or 250-500 mg per 1 liter of drinking water;
- **lambs** (up to six weeks of age) — 20 mg of drug per kg of body weight;
- **chicken, broilers, laying hens** — 50-100 mg of drug per 1 kg of body weight or 0.5-1 g per 1 liter of drinking water;
- **rabbits** — 20-30 mg of drug per kg of body weight or 100-200 mg of drug per 1 liter of water.

Before use, to the calculated daily dose of the drug 5-10 parts of liquid is added (water, milk or milk replacer), allow the solution to settle for 3-5 minutes, stir and prepare the required final concentration.
When using with water, it is recommended to mix the dose of the drug with one third or half of daily requirement of drinking water. The solution must not be prepared in rusty metal containers as iron ions reduce the activity of the antibiotic.

Warning:
After administration, the slaughter of animals for meat is allowed in 7 days. The meat obtained before specified period is used to feed unproductive animals. Meat of piglets, lambs and rabbits is used without restrictions.

Packaging:
Containers and packages made of polymeric materials of 10.0; 50.0; 100.0 or 500.0 g.

Storage:
Store in dry, dark place, away from children, at the temperature from +4°C to +25 °C.
Water solution should be used within 3 days, milk solution — within 1 day.

Shelf life:
2 years.

Bi-septim

powder for oral administration

Description:
The powder of light yellow color, soluble in water.

Composition:
1g contains:
tylosin tartrate — 150 mg;
oxytetracycline HCl — 150 mg;
ascorbic acid — 200 mg.

Indications:
It is indicated for treatment of young and adult poultry (chickens, turkeys, ducks, geese) suffering from the diseases of the gastrointestinal tract and respiratory complications of bacterial and viral diseases caused by microorganisms that are sensitive to oxytetracycline and tylosin.

Contraindications:
Hypersensitivity to tylosin and oxytetracycline.
Do not use simultaneously with cephalosporins, penicillins, erythromycin and sulfonilamides.
Do not use for laying hens, eggs of which are used for human consumption.

Administration and dosage:
Orally in a dose of 1 g of drug per 1 liter of drinking water or feed — 2 g of drug per 1 kg of feed during 3-5 days.

Warning:
Slaughter of poultry for meat is allowed in 15 days after the last administration. Meat obtained before the specified period is utilized or used for unproductive animals feeding according to the conclusion of veterinarian.

Packaging:
Triplex packages of 5, 10, 20 g, containers or packages of polymer materials of 100, 200 and 500 g.

Storage:
Store in dry, dark place at the temperature from +4 °C to +25 °C.

Shelf life:
2 years.

Brovafom new

powder for oral administration

Description:
Light yellow powder, soluble in water.

Composition:
1 g contains:
colistin sulphate — 500 000 MO;
oxytetracycline hydrochloride — 35 mg;
trimethoprim — 27 mg.

Indications:
It is indicated for:
- **pigs**: treatment of dysentery, colibacillosis, pasteurellosis, salmonellosis, as well as diseases of the digestive tract and respiratory system caused by microorganisms sensitive to oxytetracycline, colistin and trimethoprim;
- **calves and lambs** (aged up to six weeks);
- **rabbits**: enteritis, diseases of respiratory system;
- **poultry (broiler hens, turkeys, peasants, geese, ducks)** — mycoplasmosis, colibacillosis, pasteurellosis, diseases of respiratory system.

Contraindications:
Do not administer to animals with hypersensitivity to the drug, with impaired liver and kidney function, to ruminants with functionally developed proventriculus. Do not administer to laying hens, eggs of which are used in food.
The drug is incompatible with hydrocortisone, heparin, decenoic acid, cephalosporins, aminoglycosides and amphotericin.

Administration and dosage:
Oral administration:
- **pigs, poultry** (group method) — 1 kg of drug per 1000 liters of drinking water, or 1.5-2 kg of drug per 1 ton of mixed feed during 3-5 days;
- **rabbits** — 1 to 1.5 g of drug per 1 liter of drinking water during 3-5 days;
- **calves and lambs** (aged up to six weeks), **pigs** (individually) — 0.5 g of drug per 10 kg of body weight, 2 times a day during 5-7 days.

Warning:
Slaughter of animals for meat is allowed in 10 days after the last administration of therapeutic doses of the drug (7 days for poultry).

Packaging:
Package made of polymeric materials of 10, 20, 50, 100, 250 and 500 g; 1 and 10 kg.

Storage:
Store in a dark place at the temperature from +8°C to +25 °C.

Shelf life:
3 years.

Brovaseptol

powder for oral administration

Description:
Light yellow powder, slightly soluble in water.

Composition:
1 g contains:
sodium sulphathiazole — 80 mg;
sulfaguanidine — 70 mg;
trimethoprim — 30 mg;
oxytetracycline hydrochloride — 45 mg;
tylosin tartrate — 25 mg.

Indications:
It is indicated for treatment of animals affected by diseases of the digestive tract, respiratory and urogenital systems, namely:
- **calves** (up to 3 months age) — treatment of animals suffering from gastroenteritis, salmonellosis, pasteurellosis;
- **pigs** — treatment of animals suffering from enzootic pneumonia, arthritis, dysentery, edema disease, erysipelas, salmonellosis, pasteurellosis;
- **sheep** (up to 3 months age) — treatment of animals suffering from septicemia, eimeriosis;
- **rabbits** — gastroenteritis, colibacteriosis, pasteurellosis, pneumonia;
- **poultry (chicken, turkeys, ducks, goose)** — panleukopenia, cholera, salmonellosis, mycoplasmosis, rhinitis.

Contraindications:
Do not administer to animals with hypersensitivity to sulphathiazole, tylosin, oxytetracycline, sulfaguanidine, trimethoprim, as well as with liver and kidney diseases. Do not use for milk cows, milk of which is used for human consumption.

Administration and dosage:
Orally with feed.
Treatment of pigs, poultry and rabbits is primarily conducted by the group method by uniformly mixing the daily amount of feed with the drug.
Up to 100 kg of feed it is added:
- **pigs** — 300-350 g of drug,
- **poultry, rabbits** — 400 g of drug.

Daily dose for all types of animals is 1.0-1.2 g per 10 kg of body weight.
The daily dose is set in two steps. Depending on the state of the disease at the first administration of Brovaseptol the dose may be increased for 30-100%.
Treatment is carried out until the complete disappearance of clinical symptoms and may be extended for 1-2 days.

Warning:
Slaughter of animals and poultry for meat is allowed in 8 days after the last treatment. Meat obtained before specified period is fed for unproductive animals depending on the conclusion of veterinarian.

Packaging:
Packages of 12 g, 36 g, 100 g, 240 g and packages made of polymer materials of 500 and 1000 g.

Storage:
Store in a dark place protected from light, at the temperature from +4 °C to +25 °C.

Shelf life:
2 years.

Brovaseptol concentrate

power for oral administration

Description:
Homogeneous powder of light yellow color with low characteristic smell, water-soluble

Composition:
1 g contains:
sulfadimetoxin sodium salt — 300.0 mg;
sulfadiazine sodium salt — 300.0 mg;
trimethoprim — 120.0 mg.

Indications:
It is indicated for treatment of calves (up to 6 weeks of age), lambs (up to 6 weeks of age), horses, pigs, rabbits, dogs and cats suffering from the diseases of the digestive tract (gastritis, enteritis, dyspepsia), respiratory organs (tonsillitis, tracheitis, pharyngitis, pneumonia, pleurisy) and genitourinary system (puerperal sepsis, cystitis, urethritis, endometritis), postoperative complications, as well as animals suffering from mastitis, actinomycosis, erysipelas, dysentery, diplococcus, enterotoxaemia , eimeriosis, colibacillosis, pasteurellosis, pullorosis, edematous disease, mycoplasmosis, salmonellosis caused by microorganisms sensitive to sulfadimethoxine, sulfadiazine and trimethoprim.

Contraindications:
Hypersensitivity to the drug. Do not administer to animals with impaired renal function and liver. Do not administer to laying hens, eggs of which are used as food.

Administration and dosage:
Orally with drinking water or feed in a dose — 0.3-0.35 g of drug per 10 kg of body weight one or two times a day.
For poultry and rabbits the dose is 1g per 3 liters of water, the course of treatment — 4-6 days. Veterinarian, depending on the intensity of the disease and the clinical condition of the animals, may increase the dose of the first administration for 30-50% and extend the course of treatment for 2-3 days.

Poultry	Age (weeks)	Daily dose of drug (g)	
		Per 100 l of water	Per 100 kg of feed
Chicken, turkeys, goose, ducks (young)	Up to 1	13-15	-
	1-8	17	34
	9-18	25	50
Broiler chicken	1-4	15-18	30-33
	5-8	25	42

Pigs	Body weight (kg)	Daily dose of drug (g)	
		Per 100 l of water	Per 100 kg of feed
Sucking pigs	Up to 10 kg	35-50	120-150
Weaned pigs	11-25	25-35	65-80
Feeding pigs	26-100	35-45	80-110
Breeding pigs	More than 150	-	150-180

Warning:
It is not recommended for ruminants with functionally formed proventriculus.
Goats have an increased sensitivity to sulfonamides.
Slaughter of calves, sheep, pigs, rabbits for meat is allowed in 4 days, of poultry — in 2 days.

Packaging:
Packages or containers made of polymeric materials of 5, 25, 500, 1000 g.

Storage:
Store in a dark place, protected from light at the temperature from +8 °C to +25 °C.
Prepared solution should be used within 1 day. If it's stored in the fridge — during 3 days.

Shelf life:
2 years.

Brovaseptol tablets

tablets for oral administration

Description:
Flat, cylindrical tablets of light yellow color

Composition:
1 g (1 tablet) contains:
sodium sulphathiazole — 80 mg;
sulfaguanidine — 70 mg;
trimethoprim — 30 mg;
oxytetracycline hydrochloride — 45 mg;
tylosin tartrate — 25 mg.

Indications:
It is indicated for treatment of animals and poultry affected by the diseases of the digestive tract, respiratory and urogenital systems, namely:

- **calves** (up to 3 months age) — treatment of animals suffering from gastroenteritis, salmonellosis, pasteurellosis, vibriosis;
- **pigs** — treatment of animals suffering from enzootic pneumonia, arthritis, dysentery, edema, erysipelas, salmonellosis, pasteurellosis;
- **sheep** (up to 3 months age) — treatment of animals suffering from septicemia, eimeriosis;
- **poultry (hens, turkeys, ducks, geese)** — treatment of birds affected by typhus, cholera, salmonellosis, mycoplasmosis, rhinitis.

Contraindications:
Do not administer to animals with hypersensitivity to sulphathiazole, tylosin, oxytetracycline, sulfaguanidine, trimethoprim, as well as for animals suffering from liver and kidney diseases. It is forbidden for milking cows, milk of which is used for human consumption and for laying hens, eggs of which are used for human consumption.

Administration and dosage:
Orally with dry or wet feed, tablets must be pre-crushed. For all animals daily dose of the drug is 1-1.5 g (1-1.5 of tablet) per 10 kg of body weight. The daily dose is set in two steps. Depending on clinical signs of the disease the dose may be increased for 30-100%. Course of treatment is 4-5 days (until the complete disappearance of symptoms). The treatment may be prolonged for 1-2 days.

Warning:
Slaughter of animals and poultry for meat is allowed in 8 days after the last treatment. Obtained meat by the specified period is utilized or fed for unproductive animals depending on the conclusion of veterinarian.

Packaging:
Blisters or cans made of polymers of 10, 30, 100 tablets.

Storage:
Store in a dark, dry place protected from light at the temperature from +4 °C to +25 °C.

Shelf life:
2 years.

Fluorfenlic 10

solution for oral administration

Description:
The clear yellowish solution.

Composition:
1 ml contains:
florfenicol — 100 mg.

Indications:
It is indicated for poultry affected by colibacteriosis, staph infection, pasteurellosis, as well as diseases of the respiratory and gastrointestinal tract caused by microorganisms sensitive to florfenicol.
For pigs: treatment of animals affected by hemophilic and actinobacillus pleuropneumonia, atrophic rhinitis, disease by Glesser (hemophilic polyserositis), pasteurellosis, diplococcoid septicemia, streptococcal and staphylococcal infections, mycoplasmosis, secondary infection as a result of viral disease, and other diseases of the respiratory and gastrointestinal tract caused by microorganisms sensitive to florfenicol.

Contraindications:
Hypersensitivity to florfenicol.
Do not administer concurrently with thiamphenicol or chloramphenicol.
Do not administer to laying hens, eggs of which are used for human consumption.
Do not administer to sows during pregnancy or lactation and to boars intended for reproduction.

Administration and dosage:
Orally with drinking water at doses:
- **poultry** — 0.2 ml of the drug per 1 kg of body weight or 1 ml of the drug per 1 litre of drinking water; chickens and turkeys senior 1 month of age — 2 ml of the drug per 1 litre of drinking water daily for 3 days, but in difficult cases and in case of salmonellosis — 5 days;
- **pigs** — 1.0-1.5 ml of the drug per 10 kg of body weight (1.0 ml of the drug per 1 litre of drinking water) for 5-7 days.

Warning:
Slaughter of animals and poultry for meat is permitted in 2 days (poultry) and 1 day (pigs) after the last treatment.

Packaging:
Vials made of glass and polymers of 10, 20, 50, 100, 200, 500 and 1000 ml.

Storage:
Store in dry, dark place, inaccessible to children at the temperature from 5 °C to 25 °C.
Shelf life after the 1st opening of vial — 14 days, when stored in a dark place at a temperature from +5 °C to +25 °C.

Shelf life:
2 years.

TimTil-250

solution for oral administration

Description:
Clear, yellowish solution.

Composition:
1 ml contains:
tiamulin hydrogen fumarate — 145 mg;
tylosin tartrate — 105 mg.

Indications:
It is indicated for treatment of:
- **pigs** suffering from erysipelas, dysentery, ileitis, leptospirosis, listeriosis, campylobacteriosis, colibacillosis, pasteurellosis, salmonellosis, infectious gastroenteritis, spirochaete enterocolitis, atrophic rhinitis, enzootic pneumonia, actinobacillus pleuropneumoniae and mycoplasma arthritis caused by microorganisms sensitive to tiamulin and tylosin;
- **poultry (chicken, turkeys, geese, ducks)** suffering from bronchitis, mycoplasmosis, colibacillosis, pasterellosis, gastrointestinal tract diseases, respiratory diseases.

Contraindications:
Increased sensitivity to tiamulin and tylosin. Do not administer to pregnant sows in the first stage of pregnancy (within the first month), boars. It is not recommended to use Timtil-250 simultaneously with penicillins, cephalosporins and lincomycin.

Dosage:
Orally with drinking water:
- **pigs**: 0.8 ml of drug per 10 kg of body weight per day during 3-5 days. In case of enzootic pneumonia, mycoplasma arthritis — this dose is increased up to 1.0 — 1.2 ml of drug per 10 kg of body weight.
- **poultry**: 1 ml of drug per 1 liter of drinking water per day during 3-5 days. Young poultry: 0.5 ml of drug per 1 liter of drinking water per day at 1-5th, 18-20th days of life.

Warning:
Slaughter of animals for meat is allowed in 10 days after the last treatment. If meat is obtained before specified period the meat must be fed to unproductive animals or for production of meat-and-bone meal tankage (depending on a conclusion of veterinarian).

Packaging:
Vials of 10, 50, 100, 200, 400 and 500 ml, 1 and 5 liters.

Storage:
Dry, protected from light place at the temperature from +5°C to +25 °C. After the first opening of vial the residual of solution must be used during 20 days provided that it will be stored in refrigerator.

Shelf life:
3 years.

VetOx-1000

solution for internal and external use

Description:
Clear colourless liquid with a low characteristic smell, without mechanical inclusions, slightly salty taste.

Composition:
1 ml contains:
sodium hypochlorite — 1.2-1.3 mg.

Indications:
It is indicated for pigs, cattle, sheep, goats, horses, cats, dogs and bees for the prevention and treatment of toxicosis, mycotoxicosis, diseases of the digestive tract of bacterial etiology, mastitis, burns, dermatitis, as well as for the treatment of wounds, surgical field, sanitation preputial cavity of bull-inseminators; for disinfection of hives, combs and other bee equipment; for sanitation of surgical instruments, equipment for processing and transport of milk, meat and fish products.

Contraindications:
None.

Administration and dosage:
Orally with drinking water:
- **calves** (diarrhea) in a dose of 100 ml of VETOX-1000 diluted with drinking water up to 500 ml for 30-60 min. prior to feeding twice a day until the recovery.
- **poultry** for the treatment of colibacteriosis, salmonellosis, mycotoxicosis — 25 ml of VETOX-1000 per 1 liter of drinking water during 5-7 days;
- **pigs** for the treatment of colibacteriosis, salmonellosis, mycotoxicosis — 200-300 ml of drug diluted with 4 parts of water, daily during 4-5 days for 30 minutes prior to feeding.

Parenteral injection with sterile distilled water or isotonic solution, diluted 1:2.
- **pigs** — 10 ml per 1 kg of b.w., intrauterine once a day for 4-7 days;
- **calves** — 5 ml per 1 kg of b.w., intravenous once a day for 4-7 days.

Applications, irrigation:
cattle, horses, goats, sheep, dogs, cats affected by abscesses, phlegmons, postinjection phlebitis, furunculosis, dermatitis, infectious-allergic lesions and treatment of pulpitis, stomatitis — 1:2 solution.
Intracysternal administration: cows suffering from mastitis using the drug solution which is prepared by dilution of distilled water (1:3) in a dose of 10 ml twice a day during 3-5 days.
For disinfection of hives combs and other bee equipment the drug is diluted with distilled water (1:3), exposition time — 4 hours.
For disinfection and sanitation of surgical instruments, equipment equipment the drug is diluted with distilled water (1:2), exposition time — 30-60 minutes.
For disinfection and sanitation of eggs, equipment for processing and transport of milk, meat and fish products the drug is diluted with distilled water (1:5), exposition time — 30-60 minutes.

Warning:
None.

Packaging:
Glass ampoules of 20 ml; bottles of dark glass of 0.2; 0.5; 1.0; 2.0 and 5.0 l; cans of dark polymers 5, 10 liters.

Storage:
Store in dark, dry place in the original package at the temperature from +5 °C to +25 °C. Avoid direct sunlight.
After the first opening store not more than 6 months, after the dilution — not more than one day.

Shelf life:
12 months in original package

Fitosept

ointment for external use

Description:
Oinlment of creamy texture of yellow color with a characteristic smell.

Composition:
100 ml contain:
calendula tincture — 20 ml,
buckthorn oil — 5 ml,

Indications:
It is indicated for treatment and prevention of cows and mares from microtrauma, cracks and nipple erosions. Prevention of mastitis and hygienic care of the udder. Treatment of hands (gloves) during labor induction and obstetric and gynecological procedures.

Contraindications:
None.

Administration and dosage:
After milking and udder health treatment the drug is rubbed into the udder and teats in a small amount (up to 1 cm). On the affected skin the ointment is applied in small quantities and is lightly rubbed 1-2 times a day until recovery. Into the wound the ointment is introduced with the help of drainages, tampons or gauze bandages that are changed after 1-2 days until complete recovery.

Warning:
Personnel in contact with the preparations must keep to the requirements of safety and hygiene.

Packaging:
Tubes of 50, 90, 120 and 150 g.

Storage:
Store in the dark place at the temperature from +2 °C to +20 °C.

Shelf life:
2 years.

Fungicide-acaricide ointment «Yam»

ointment for external use

Description:
Stiff, greasy mass from light gray to dark gray color with a brown tint, has a characteristic smell.

Composition:
100 g contain:
birch tar — 10 g;
turpentine oil — 7 g;
sulfur — 10 g;
salicylic acid — 2 g;
zinc oxide — 10 g;
lysol — 6 g;

Indications:
It is indicated for treatment of cattle, sheep, goats, horses, pigs, dogs, cats, rabbits, hens affected by trichophyton, eczema, dermatitis and other skin diseases; hoof lesions at necrobacillosis, foot rot in sheep; sarcoptosis (mange).

Administration and dosage:
Apply a thin layer of an ointment and rub into affected areas of skin and 2-4 cm around them without previous removal of husks and hair fibre shear. Affected areas are treated 1-2 times daily until removal of husks. As a rule, in 7-10 days affected areas are got free from husks and hair growing is observed.

Contraindications:
None.

Warning:
None

Packaging:
Tubes made of polymeric materials and plastic containers of 20, 50, 90 g.

Storage:
Store in dry, dark place, away from children, at the temperature from 0 °C to +25 °C.

Shelf life:
2 years.

Ranoiode

powder for external use

Description:
Yellowish powder.

Composition:
1 g contains:
iodoform — 40 mg;
sulfaguanidine — 50 mg;
trimethoprim 10 mg.

Indications:
It is indicated for treatment of animals and poultry suffering from folliculitis, dermatitis, eczema, as well as infected wounds, wet eczema, venous ulcers, difficult healing wounds, inflammation of the external auditory meatus, chafing of skin folds, after opening of hematomas, abscesses, fibromas, furunculus, abscesses; it is also prophylactically after surgery (castration, removal of tumors, etc.) caused by microorganisms sensitive to sulfaguanidine, trimethoprim and iodoform.

Contraindications:
Increased individual sensitivity to the active ingredients.
The drug is incompatible with ammonia, oxidizers and acids.

Administration and dosage:
Externally. Previously cleaned skin lesions are powdered and 2-3 cm around them and then a bandage is applied. Treatment is performed one time per day until complete recovery.

Warning:
For external use only. Avoid contact with eyes and mucous membranes. During the work with the product it is forbidden to smoke, drink and eat. After the end of treatment wash your hands thoroughly with warm soapy water.

Packaging:
Polypropylene vials with powder-spray-nozzle of 35, 50 and 100 g, triplex bags or containers made of polymeric materials of 100, 200 and 500 g, 1 kg.

Storage:
Dry, dark place, away from children, at the temperature from +4 °C to +30 °C.

Shelf life:
3 years.

Streptocide ointment 10%

ointment for external use

Description:
Ointment of creamy texture, white with a yellowish tinge, with a specific odor

Composition:
1 g contains:
streptocide — 100 mg;
petrolatum — 900 mg.

Indications:
It is indicated for treatment of cattle, horses, sheep, goats, pigs, dogs, cats with infected wounds, ulcers, burns, frostbites, decubitus, suppurative inflammations on the skin, fissures of skin, teats of udder, furunculosis, pyoderma caused by microorganisms sensitive to streptocide.

Contraindications:
Hypersensitivity to streptocide.

Administration and dosage:
After mechanical cleaning of wound the ointment is applied by a thin layer directly on the damaged skin or on the gauze bandage 1-2 times a day until complete healing.

Warning:
None.

Packaging:
Polymeric tubes of 20, 50 and 90 g, containers made of polymeric material of 50, 100, 120, 250 and 500 g.

Storage:
Store in a dark place, away from children, at the temperature from +5 °C to +25 °C.

Shelf life:
3 years.

Uzatimol

ointment for external use

Description:
Dense, homogeneous, gel-like mass from light yellow to yellow-brown color with characteristic smell.

Composition:
1 g contains:
propolis — 100 mg;
thymol — 1 mg.

Indications:
It is indicated for treatment of cattle, sheep, goats, horses, pigs, dogs, cats and wild animals suffering from skin lesions (wounds, fissures, cuts, scratches, injuries, rashes, itching, erosions, ulcers, burns, frostbites, fungal diseases, eczema, furunculus, carbuncles); as well as purulent necrotic processes in the area of hooved crack and base of hooves skin; erosions and ulcers in the mucous membranes of nose and lips; inflammation of the eyelids, vaginitis, vestibulitis, cervicitis and cervical erosion.

Contraindications:
None.

Administration and dosage:
Prior to application of ointment an affected area should be processed with aseptic means.
In case of minor skin lesions and on mucous membranes of lips or nasal passages the ointment is spread by a thin layer 2-3 times a day until the recovery.
In complicated cases, the bandages, wraps and plugging of ointment are used. On the place of lesion a gauze pads soaked in warm ointment are bandaged and then fixed dressing with hygroscopic layer is bandaged. Change of dressings are conducted in 2-3 days.
Deep wounds are treated by gauze pads soaked in ointment.
In case of vaginitis, vestibulitis, cervicitis and cervical erosion the swabs soaked in ointment are injected into the vagina 2 times a day, pre-washed its oral by saline or disinfectant solution.

Warning:
None.

Packaging:
Tubes of 50 and 90 ml, containers made of polymeric materials of 100 and 250 ml and bucket of 1000 ml.

Storage:
Store in dark, dry place at the temperature from +5 °C to +25 °C.

Shelf life:
2 years.

Zink ointment 10%

ointment for external use

Description:
White ointment with a yellowish tinge of creamy texture and a characteristic smell.

Composition:
1 g contains:
zinc oxide — 100 mg.

Indications:
It is indicated for treatment of cattle, horses, sheep, goats, pigs, dogs, cats suffering from dermatitis, eczema, decubitus, skin lesions (burns, cuts). Has drying, astringent and absorbent action. When applied to the affected area reduces the exudation, inflammation and irritation of tissues, forms a protective barrier from irritating factors.

Contraindications:
None.

Administration and dosage:
Externally.
Clean and dry the affected area. Ointment is applied thinly to the affected skin 1-2 times a day. The amount of ointment depends on the lesion volume. In case of the treatment of burns and wounds — gauze bandage with ointment is applied. The duration of treatment is due to the nature of the disease.

Warning:
It is not recommended for use where there are suppurative inflammations.
Avoid contact the ointment with eyes and on the surface of wounds.
The staff who works with the product must comply with the basic rules of hygiene and safety, taken when working with veterinary drugs.

Packaging:
Polymeric tubes of 20, 50, 90 g or polymeric containers of 100, 250 and 1000 g.

Storage:
Store in dry, dark place at the temperature from +2 °C to +25 °C.

Shelf life:
3 years.

Broestrofan

solution for injection

Description:
Clear colorless liquid.

Composition:
1g contains:
cloprostenol (sodium salt) — 0.25 mg.

Indications:
It is indicated for:
- **cows, heifers**: strengthening of labors; acceleration of uterus involution; for retention of afterbirth; therapy of endometritis in combination with antimicrobial agents; regression of persistent yellow body; stimulation and synchronization of estrus during the period of insemination;
- **sows** — for augmentation of parturation and synchronization of farrows;
- **mares** — for stimulation of estrus and regression of persistent yellow body;
- **female dogs and cats** — for complex therapy of chronic endometritis and abortion.

Administration and dosage:
Intramuscular and subcutaneous administration.
Cows, heifers:
- in case of parturation complications — 2ml /400 kg of b.w. For each 50 kg of more or less indicated weight the dosage is increased (is decreased) for 0.3 ml.
- in case of functional disorder of ovaries — 2 ml /3-3.5 days before wishful term of insemination. If there are no signs of sexual heat a repeated administration is applied on the 11th day after the first injection. In 3-3.5 days double insemination is applied.

Female sheep, sows — 0.5-0.7 ml.
Mares — 1ml, the term for coupling is on 4-6th day.
Female dogs — 0.2-0.3 ml.
Female cats — 0.1 ml, to cause an abortion 3-5 injections are administered with an interval of 12 hours.

Contraindications:
While the administration for females in the first third of pregnancy there is a high probability of abortion.

Warning:
In case of overdose diarrhea, vomiting, restlessness, hypersalivation may happen.

Packaging:
Ampoules of 2 ml,10 ampoules in carton box.

Storage:
Store in a dry, dark place at the temperature from +5 °C to +20 °C.

Shelf life:
2 years.

Gisterlic

tablets for intrauterine use

Description:
Light brown, flat tablets of oval-oblong form.

Composition:
1 g contains:
sulfadiazine sodium — 530 mg;
kanamycin sulfate — 6.7 mg;
oxytetracycline hydrochloride — 6.7 mg.

Indications:
It is indicted for the prevention and treatment of cows suffering from acute endometritis, metritis, cervicitis and vulvovaginitis, as well as for the rehabilitation of the uterus after the removal of detained litter.

Contraindications:
Hypersensitivity to the drug.

Administration and dosage:
Intrauterine administration.
prophylactically in a dose of 7.5-10 g of drug one time during the first days after calving, and therapeutically in a dose of 12.5-15 g of drug daily for 2-3 consecutive days.

Warning:
Hypersensitive animals may have allergic reactions.
Slaughter of animals for meat is allowed in 2 days after the last administration. In the case of slaughter before the specified period the meat can be used for the production of meat- and-bone meal tankage. Milk of dairy animals during the treatment and during 2 days after the last administration of drug must not be used for food purposes. Milk obtained before the expiration period can be used after the heat treatment for animal feeding.

Packaging:
Blisters of 4, 5 tablets, plastic containers of 10 tablets.

Storage:
Store in a dry, dark place at the temperature from +4 °C to +25 °C.

Shelf life:
3 years.

Nizhnodiy

gel for udder

Description:
Homogeneous, light green mass of cream consistency with a slight odor of pine needles.

Composition:
1 g contains:
pine needle extract — 5 mg;
oil from pumpkin seeds and corn.

Indications:
As hygienic means for:
- systematic care of teats of milking female cattle;
- facility of mechanical or hand milking;
- soothing the skin of cows teats, especially for hard-milking cows;
- the prevention of fissures and other injuries of the skin of the udder, especially while grazing in rainy weather or regimen in cold and windy days;
- for the treatment of the veterinary specialists hands (gloves) in case of parturation or other obstetric and gynaecological procedures.

Contraindications:
None.

Administration and dosage:
Before each milking after cleaning and drying of the udder Nizhnodiy® in a small amount (1-2 clicking of pump) is applied to the surface of each teat and gently rubbed the gel directly into the skin surface. For heifers and hard-milking cows such a procedure is desirable to conduct before and after milking.

Warning:
Avoid getting into the milk.

Packaging:
Polymeric vials of 250, 350 ml complete with pump, polymeric canisters of 1, 3, 5 liters.

Storage:
Store in dry, dark place at the temperature from +5 °C to +25 °C.

Shelf life:
18 months.

Sexanet

drops for oral administration

Description:
Homogeneous suspension of yellowish color.

Composition:
1 ml contains: megestrol acetate — 40.0 mg.

Indications:
It is indicated for female cats and female dogs to prevent sexual heat and/or prevention of unwanted pregnancies.
It is indicated for male cats and male dogs to suppress sexual desire, as well as adjustment of undesirable behavior (hyper excitability, aggressiveness, propensity for wandering, etc.). It is indicated for pigs in order to prevent sexual heat and/or synchronization of estrus.

Contraindications:
Do not administer to animals with diseases of the reproductive system (pyometra, metritis, endometritis, etc.), tum ors, breast cancer, diabetes as well as to immature, pregnant or lactating animals. Do not administer the drug if after the sexual heat more than 3 days have been passed and to the young animals in the first sexual heat because of the complexity of determining the start of the cycle.

Administration and dosage:
It is administered orally with food or forcibly directly into the mouth to the root of the tongue:
for female cats:
- to prevent sexual heat — 4 drops (0.125 ml) every two weeks or two drops (0.0625 ml) every week, but no more than 18 months;
- to stop sexual heat — 4 drops (0.125 ml) daily for 3-5 days until the disappearance of the manifestations of sexual heat (starting no later than the third day since it shows the signs of sexual arousal);
- as a contraceptive — 4 drops (0.125 ml), the first day after mating.

for female dogs:
- to prevent sexual heat — 4 drops (0.125 ml) per 10 kg of body weight daily starting 7-10 days before its start, but not more than 4 weeks;
- to stop sexual heat — 8 drops (0.5 ml) per 10 kg of body weight during the first 3 days since it shows the signs of sexual arousal and 4 drops (0.125 ml) for the next 7 days;
- as a contraceptive — 8 drops (0.5 ml) per 10 kg of body weight, daily for the first 2 days after mating.

for female pigs:
- for synchronizing estrus in sows — 4 drops (0.125 ml) per 10 kg of body weight daily for 14 days. For repair pigs the drug is administered in a double dose. After discontinuation of therapy the phase of sexual arousal occurs within 42-43 days at the same time in all sows;
- to prevent sexual arousal in pigs for fattening, 2 weeks after the last sexual arousal, daily 8 drops (0.5 ml) per 10 kg of body weight, 10-14 days at a time.

for male cats: for sedation during sexual arousal — 4 drops (0.125 ml) for the first 5-7 days followed by repeating the same dose once every 7 days.

for male dogs: for sedation during sexual arousal -8 drops (0.5 ml) per 10 kg of body weight daily for the first 5 days followed by a two-time reduction in daily dose (up to 0.25 ml per 10 kg of body weight) once during the week before complete sedation.

Warning:
Prolonged use of the drug can cause the change of character, breast enlargement, increased appetite and increased body weight of the animal. Slaughter of animals for meat (pigs) is allowed in 14 days after the last treatment. The meat received before the deadline is disposed to feed to unproductive animals according to a conclusion of the doctor of veterinary medicine.

Packaging:
Plastic bottles with dropper or glass or plastic bottles with a dropper stopper of 2.5, 5, 10, 20, 100 or 200 ml.

Storage:
Store in dark, dry place out of the reach of children at the temperature from +4 °C to +25 °C.

Shelf life:
2 years. Shelf life after the first opening is 1 month provided tightly closed and stored at the temperature from +4 °C to +8 °C.

BI-SALT

powder for oral and external use

Description:

Bi-salt (sodium hydro-sulfate salt) — whitish colorless crystals, bitter-salty taste, without mechanical impurities and smell, soluble in water.

Composition:

100 g contain:
sodium sulfate anhydrous (Na_2SO_4) — 90 g;
sodium hydrogen carbonate ($NaHCO_3$) — 10 g.

Indications:

for all types of animals (cattle, sheep, goats, horses, pigs, dogs, foxes, blue foxes, hens, geese, ducks) in a small doses: for better digestion, especially in complex of treatment: infectious diseases or invasive etiology; postpartum complications; hyperpeptic gastritis; rumen acidosis; chronic hepatitis; dystrophy of liver, etc.;
in a large doses: as a purgative (hypotension and atony of proventriculus, enterospasms, overeating); to remove toxins or toxic substrates from the gastrointestinal tract; for distracting action during exudative inflammation;
as 1-2% of water solutions for: proventriculus washing (ruminants) or stomach (horses, dogs); cleansing enemas;
in the form of hypertonic solutions: for treatment of wounds.

Contraindications:

Internal bleeding, suspected intestinal obstruction, decline of renal function.

Administration and dosage:

Orally the aqueous solution is given to the animals forcibly, for carnivorous animals and poultry it is added to drinking water or liquid feed mixtures (doses are indicated in the table).
To improve digestion indicated dose is mixed with feed or other components of the ration (daily during 10-20 days).

Kind of animals	Dose (g /10 kg of body weight)	
	for improving of digestion	for laxative action
Cattle	0.7-0.8	8-9
Sheep, goats	0.9-1	10
Horses	0.4-0.,5	5-6
Pigs	0.2-0.3	2.5-3
Dogs	0.2	3-4
Foxes, blue foxes	0.2	3-4
Hens	1-1.2	10-12
Geese, ducks	0.9-1	9-10

Warning:

When administering laxatives doses you must consider the reduction of resorptive properties of other medical preparations administered orally.

Packaging:

Packets of laminated paper of 50 and 100 g.; plastic containers of 100 and 250 g.; plastic bags of 0.4; 1, 5 and 10 kg.

Storage:

Store in a dry, well protected from the moisture place, at the temperature from -30°C to +30°C.

Shelf life:

5 years.

Brovaglukin

solution for injection

Description:
Sterile, clear solution of a pale — yellow color.

Composition:
100 ml contains:
calcium gluconate — 28 g;
magnesium hypophosphite — 5.3 g;
choline chloride — 0.4 g.

Indications:
It is indicated for pre- and postpartum decubitus, retention of afterbirth, parturient paresis, hypocalcemia, rickets, osteomalacia, tetany, allergic conditions, bleeding, toxemia, ketosis and other metabolic disorders.

Contraindications:
None.

Administration and dosage:
Before administration the drug is mixed with the same quantity of glucose solution 40%, preheat to the animal's body temperature.
Intramuscular or intravenous (for large animal) administration.
Cattle: 5-10 ml / 10 kg of b.w. in a single dose.
Horses: 3-7 ml / 10 kg of b.w. in a single dose.
Goats and sheep, pigs: 3-5 ml / 10 kg of b.w. in a single dose.
Cats and dogs: 3 ml / 10 kg of b.w. in a single dose.
Treatment course 1-3 days.

Warnings:
While administering the animals anxiety with spasmodic muscular contractions is possible that disappear after discontinuation of administration.

Packaging:
Glass and plastic vials of 10 ml; glass vials of 50, 100, 200 ml, plastic vials of 50, 100 ml.

Storage:
Store in dry, dark place at the temperature from +4 °C to +25 °C.

Shelf life:
2 years.

CEDA-vit

emulsion for oral administration

Composition:
1 ml contains:
vitamin A: 50 000 ± 10 % IU;
vitamin D_3: 5 000 ± 10 % IU;
vitamin E: 50 ±10 % mg;
vitamin C: 100 ± 5 % mg.

Indications:
Combined feed additive in which vitamins A, D3, E, and C are presented in a physiologically reasonable proportions in water-soluble form. It is recommended for all types of farm and domestic animals:

- during the periods of increased nutritional requirements;
- in stressful situations;
- during productivity slowdown that occurs due to transportation, veterinary activities, changes in the composition of feed, high temperatures, etc.;
- in case of pregnancy (only in the second half) and lactation;
- in case of reproductive function disorder;
- in case of infectious and parasitic diseases;
- in case of egg-laying capacity decrease, deterioration of hatching eggs fertility and strength reduction of the egg shell;
- as intermediate agents to increase organism resistance to the actions of a variety of toxins and for activation of immune responses;
- to increase female fertility and vitality of the young stock.

First domestic feed additive consisting of fat-soluble vitamins, suitable and convenient to use not only with feed, but with water too.
It is indicated for feeding animals and poultry in periods of increased nutrient requirements, especially for high-performance animals in stressful situations, in case of productivity decrease, transportation, conducting veterinary manipulations, change of feed composition, high temperatures, for lactating and pregnant animals (in the second half of pregnancy only), especially in case of reproductive function disorder, in combination therapy in case of infectious and parasitic diseases.
CEDA-vit prevents the occurrence of the rachitis, osteomalacia, increases female fertility and survival of young animals and poultry. It is used as an aid to increase resistance to a variety of toxins and to enhance immune responses.

Contraindications:
None.

Administration and dosage:
Orally with water or feed, one time every 3-4 weeks in a dose (ml/10 kg of body weight):

- **cattle, horses** — 0.3-0.5 ml;
- **calves, foals** — 0.4-0.5 ml;
- **sheep, goats** — 0.5-1.0 ml;
- **breeding sows** — 0.3-0.7 ml;
- **piglets** — 1.0-1.5 ml;
- **dogs, cats** — 0.3-0.6 ml;
- **fur-bearing animals and rabbits** — 1.0-1.5 ml.

For poultry it is better to give it with drinking water or with feed during 3 or 4 days course every month in a dose (1 ml per 100 liters of drinking water or per 100 kg of feed):

- **laying hens** and pullets — 30.0-50.0 ml;
- **chickens** — 25.0-30.0 ml;
- **turkeys, geese** — 60.0-70.0 ml;
- **poults, goslings** — 35.0-40.0 ml;
- **ducks** — 25.0-50.0 ml;
- **ducklings** — 20.0-35.0 ml.

A single dose of feed additive is better to divide into three portions and give to animals for three consecutive days.
If necessary, these doses may be increased in two — three times.

Warning:
During dilution, CEDA-vit must be stirred when added to water and not vice versa.
Feed additive must be shaked well before using.

Packaging:
Vials made of glass or polymeric materials of 10, 50, 100, 200 and 1000 ml and polymeric canisters of 3 and 5 liters.

Storage:
Store in dry, dark place at the temperature from +5 °C to +25 °C.

Shelf life:
12 months.

DAE-vit

emulsion for injection and oral administration

Description:
The emulsion from light yellow to amber color.

Composition:
1 ml contains:
vitamin A — 100 000 IU;
vitamin D_3 — 40.000 IU;
vitamin E — 20.0 mg.

Indications:
Treatment and prevention of A and D-hypovitaminosis in farm and small home animals, of alimentary and secondary osteodystrophy, postnatal hypocalcemia and hypophosphatemia, pre- and postnatal long lie, alimentary dystrophy, retention of afterbirth, subinvolution of uterus, bone fractures. The drug is used in diseases which are accompanied by violation of the absorption and metabolism of vitamins A and D, calcium and phosphorus (gastroenteritis, hepatodystrophy, hepatitis, ketosis, glomerulonephritis, deficiency of manganese, cobalt, strontium).
It is indicated in periods of increased need for nutrients, especially for animals in highly stressful situations, as well as the decline in productivity, which appear due to transport, veterinary measures, changes in the composition of food, high temperatures; pregnancy (only in the second half) and during lactation, disorders of the reproductive function; in case of infectious and parasitic diseases; decreases in productivity, gain weight and grow animals, declining fertility and hatching eggs weakening of shell eggs.

Contraindications:
Do not administer in conjunction with corticosteroid hormones, glycosides and tetracyclines.

Administration and dosage:
The suspension should be shaken before use.
Preventively the drug is administered intramuscularly or subcutaneously once every 7 days (5-6 injections for cows, 3-5 injections for other animals). Therapeutically the drug is administered intramuscularly once in 5 days until the recovery (5-8 injections), then in the future (if necessary) the drug is administered in prophylactic doses. For hens it is fed orally with water or food for prophylactic and therapeutic purposes within 2-3 weeks. Doses are calculated by vitamin D.

Warning:
While using the drug animal rations for calcium, phosphorus, zinc, cobalt, copper and manganese must be balanced.
Meat and milk obtained from animals and eggs obtained from chickens that were administered by the drug are used without restrictions.

Packaging:
Vials made of dark glass of 10, 50, 100 or 200 ml.

Storage:
Store in dry, dark place in the packaging of manufacturer at a temperature from +4 °C to +15 °C.
Shelf life after first opening of the vial — 30 days.

Shelf life:
2 years.

EvitSel

solution for injection

Description:
Emulsion of milky white color.

Composition:
1ml contains:
a-tocopherol acetate (vitamin E) — 100.0 mg;
selenium (Se citrate) — 0.30 mg.

Indications:
It is indicated for all species of animals to enhance the specific and non-specific resistance, as well as for the prevention or treatment of diseases, that may be developed in case of deficiency of tocopherol and selenium: hepatic dystrophias, muscular dystrophia, white muscle disease, infertility, embryonic mortality, abortion, postnatal complications, ketosis, toxicosis (intoxication), growth inhibition etc.

Contraindications:
None.

Administration and dosage:
Intramuscular or subcutaneous administration in doses:

- **for female of cows, horses, pigs, sheep and goats**: 1 ml/50 kg of b.w. twice with a 30 days interval; last injection prior to 30 days before coming parturation;
- **for male**: in a dose of 1 ml/50 kg of body weight prior to the month of the beginning of active breeding period, with followed two repeats every three weeks;
- **for calves and foals**: 0.5 ml per 40 kg of body weight;
- **for suckling piglets**: 1 ml per the animal prior to the week of weaning;
- **for lambs**: 0.3 ml per the animal in the first week of life, and repeat in two weeks after the first dose of 0.5 ml.
- **for hens**: 5 ml / 100 liters of drinking water
- **for turkeys**: 10 ml / 100 liters of drinking water;
- **for young poultry** (chicken, poults, ducklings, goslings): in the first week after the brood — 1 ml / 1.5 liters of drinking water during 3-5 days.

Warning:
Do not administer into one place more than 10 ml of the drug. In some animals at the injection site slight swelling may cause, which disappear within 2-3 days without intervention.

Packaging:
Vials made of glass or polypropylene of 10, 20, 50, 100 or 200 ml. Glass ampoules of 2 ml.

Storage:
Store in dry, dark place at the temperature from 0 °C to +25 °C.

Shelf life:
2 years.

Fos-Bevit

solution for injection

Description:
Clear yellow solution.

Composition:
1ml contains:
butafosfan — 100.0 mg;
nicotinamide — 5.0 mg;
folic acid — 1.5 mg;
cyanocobalamine — 0.05 mg.

Indications:
Complex drug based on butafosfan and three vitamins of B group (nicotinamide, folic acid, cyanocobalamin):
- it has tonic properties;
- normalizes metabolic and regenerative processes;
- stimulates protein, carbohydrate and fat metabolisms;
- increases body's resistance to adverse environmental factors, infections and toxins;
- promotes growth and development of animals.

It is the first and permanent doctor's assistant if necessary to achieve rapid therapeutic effect in combination therapy with any animal diseases!
It is indicated for horses, cattle, sheep, goats, dogs, cats, fur-bearing animals, hens suffering from metabolic disorders, vitamin deficiencies, as stimulating and tonic one to boost organism resistance to diseases of various etiologies including infectious diseases and intoxication, for improving the growth and development of animals, and in combination with other medicines at deficiency of calcium and magnesium in childbirth, as well as for treatment and prevention of postpartum complications during rehabilitation period after diseases and operations, stresses, for normalization of blood and liver function, on considerable physical exertion and increased physical activity of horses (2-3 days prior to the competitions).

Contraindications:
None.

Administration and dosage:
The drug is administered once a day during 4-5 days intramuscularly, subcutaneously or intravenously (inject slowly) in the following doses per 10 kg of b.w.:
- **horses, cattle** — 0.1-0.3 ml;
- **foals, calves** — 0.5-1.0 ml;
- **pigs** — 0.2-0.5 ml;
- **piglets** — 0.5-1.5 ml;
- **sheep, goats** — 0.5-1.0 ml;
- **lambs, goatlings** — 0.5-1.5 ml;
- **dogs, cats and fur animals** — 0.5-2.0 ml;

For poultry the drug is administered orally with drinking water during 4-5 days in such doses per 1 liter of water:
- **laying hens, broilers** — 2.0-3.0 ml,
- **chickens, young poultry** — 1.0-1.5 ml

The drug is administered in half of dose in critical cases, and if animal is strongly weakly. Second course of treatment is conducted in 8-15 days if necessary.

Warning:
Do not administer in one place for more than 10 ml of drug.

Packaging:
Vials made of dark glass or polypropylene of 10, 20, 50, 100 and 200 ml.

Storage:
Store in dry, dark place at the temperature from +4 °C to +25 °C.

Shelf life:
3 years.

Kormosan

feed additive

Description:
Free-flowing powder of light-gray color with a low characteristic smell.

Composition:
1 kg contains:
clinoptilolite — 77%;
kaolin — 12%;
magnesium sulfate — 0.6%;
sorbic acid — 0.1%;
dry inactivated yeast (Saccharomyces cerevisiae) — 10%.

Indications:
It is indicated for prevention of food mycotoxicosis in productive animals (cattle, sheep, goats, pigs, poultry), as well as promoting recovery of animals after the effects of mycotoxins.

Contraindications:
None.

Administration and dosage:
KORMOSAN is added into the feed (or in its composition) or in milled grain forage during their manufacture in feed plant — before using for animals. The dose is determined by the specialist of veterinary medicine depending on the intensity of contamination of feed by specific type of mycotoxin. The most optimal doses (kg/t of feed):

- low level of contamination — 0.5-1.0;
- medium — 1.2-2.0;
- high level of contamination — 2.2-3.0.

While simultaneous detection of two or more types of toxins in the parameters that exceed the maximum allowable level, above-mentioned doses of feed are increased up to a 0.5-1.0 kg.

Warning:
It is necessary to follow the instructions for work with feed and feed additives.

Packaging:
Double-layer paper bags of 25 kg. Plastic buckets of 1, 3, 5 and 10 kg.

Storage:
Store in dry, dark place at the temperature from +4 °C to +25 °C.

Shelf life:
12 months, in a mixture with feed — 3 months.

Microstimulin

solution for oral administration, feed additive

Description:
Oral solution.

Composition:
1 l of the feed additive contains the active ingredients in the form of citrate chelate:
iron — 1500 mg;
iodine — 15 mg;
cobalt — 10 mg;
magnesium — 2000 mg;
manganese — 1500 mg;
copper — 300 mg;
molybdenum — 0.5 mg;
selenium — 3 mg;
chromium — 0.5 mg;
zinc — 1000 mg.

Indications:
Microstimulin is desoldered to animals and poultry in periods of increased demand for essential elements, especially in stressful situations and keeping under adverse conditions, in case of decrease in productivity, the intensity of growth and development, changing the composition of the feed; to stimulate metabolism, increase non-specific resistance, strengthening the immune system, non-specific prevention of bacterial and viral diseases, for enhancing immune responses in case of diseases of different etiologies, enhance the immune response to the vaccine; after long-term use of antibiotics, protecting the body from poisoning and adaptation to adverse environmental conditions.

Administration and dosage:
In case of the most indications it is administered orally for 3-5 days:

Animal species	Doses	Administration
With water or feed, ml per animal		
Cattle, horses	10.0	5 days prior to the change of feed, 3-4 days before inoculation or regrouping
Young cattle, foals	2.0	5 days prior to the change of feed, 3-4 days before inoculation
Sows and boars	3.0	
Piglets for rearing	1.5	3-4 days before inoculation or transfer to fattening
Pigs for fattening	2.5	
Sheep, goats	2.0	
Lambs, goatlings	1.0	
Cats and dogs of small breeds	0.1-0.2	5 days before inoculation
Dogs	0.3-0.4	
With water, ml per 10 l water		
Rabbits, fur-bearing animals	1.0	5 days before inoculation
Laying hens, pullets	1.25	5 days before inoculation and 3 days after inoculation
Turkeys, ducks, geese, chicken-broilers	1.0	

Contraindications:
None.

Warning:
None.

Packaging:
Vials made of glass of 10, 50 ml and polymeric cans of 1 l.

Storage:
Store in a dark place at the temperature from +5 °C to +25 °C.
Shelf life after the first opening (selection) is 30 days if stored in a dry, dark place inaccessible to children at the temperature from +5 °C to +25 °C.

Shelf life:
2 years.

Polivit for chickens and turkey poults

feed additive

Composition:
1 kg contains:
vitamin A — 4 500 000 IU;
vitamin D_3 — 1 000 000 IU;
vitamin E — 750 mg;
vitamin B_1 — 125 mg;
vitamin B_2 — 250 mg;
vitamin B_3 — 1 250 mg;
vitamin B_5 — 1 750 mg;
vitamin B_6 — 625 mg;
vitamin B_{12} — 2.5 mg;
folic acid — 125 mg;
vitamin K_3 — 1 250 mg;
biotin (vitamin B_7) — 1.25 mg.

Indications:
To enrich fodder with the biologically active substances.

Contraindications:
None.

Administration and dosage:
It is administered orally in a dose:
- **chickens** — 2 g of feed additive per 10 birds per day;
- **turkey poults** — 6 g per 10 birds per day.

It is administered during 3 days every 3-4 weeks.

Warning:
None.

Packaging:
Packages made of polymeric materials of 100 and 200 g, polyethylene film bags of 500 g and 1 kg.

Storage:
Store in dry, dark place at the temperature from +5 °C to +25 °C.

Shelf life:
12 months.

Polivit for laying hens

feed additive

Composition:
1 kg contains:
vitamin A — 6 000 000 IU;
vitamin D_3 — 1 330 000 IU;
vitamin E — 1 000 mg;
vitamin B_1 — 170 mg;
vitamin B_2 — 330 mg;
vitamin B_3 — 1 660 mg;
vitamin B_5 — 2 330 mg;
vitamin B_6 — 830 mg;
vitamin B_{12} — 3 mg;
folic acid — 170 mg;
vitamin K_3 — 1 660 mg;
biotin (vitamin B_7) — 1.6 mg.

Indications:
To enrich fodder with the biologically active substances.

Contraindications:
None.

Administration and dosage:
Orally with drinking water or feed at the daily rate of:
- **hens** — 3 g per 10 birds with water or 6 g per 10 birds with feed (respectively);
- **turkeys** — 15 g per 10 birds with water or 30 g per 10 birds with feed (respectively).

Warning:
None.

Packaging:
Packages made of polymeric materials of 100 and 200 g, polyethylene film bags of 500 g and 1 kg.

Storage:
Store in dry, dark place at the temperature from +5 °C to +25 °C.

Shelf life:
12 months.

Polivit for pigs

feed additive

Composition:
1 kg contains:
vitamin A_1 — 6 000 000 IU;
vitamin D_3 — 1 330 000 IU;
vitamin E — 1 000 mg;
vitamin B_1 — 170 mg;
vitamin B_2 — 330 mg;
vitamin B_3 — 1 660 mg;
vitamin B_5 — 2 330 mg;
vitamin B_6 — 830 mg;
vitamin B_{12} — 3 mg;
folic acid — 170 mg;
vitamin K_3 — 1 660 mg;
biotin (vitamin B_7) — 1.6 mg.

Indications:
To enrich fodder with the biologically active substances.

Contraindications:
None.

Administration and dosage:
Orally with drinking water or feed (per 1 animal a day):
- **piglets** — 5-7 g;
- **sows** — 30 g.

Warning:
None.

Packaging:
Packages made of polymeric materials of 100 and 200 g, polyethylene film bags of 500 g and 1 kg.

Storage:
Store in dry, dark place at the temperature from +5 °C to +25 °C.

Shelf life:
12 months.

Acepromal

solution 1% for injection

Description:
Clear solution of light-yellow color.

Composition:
1 ml contains:
acepromazine maleate — 10 mg.

Indications:
It is indicated for premedication of animals before surgical procedure for 15-20 min before the main anesthetic; as a sedative for aggressive animals, before inspection and transportation; to reduce pain; as antispasmodic one for horses.

Administration and dosage:
The drug is administered one time by slow intravenous or deep intramuscular injection in doses for foals and cats intramuscular injection only:

Animal species	Mode of administration	The dose Dose, ml / 10 kg of body weight	
		permissible	optimum
Cattle	intravenous	0.05-0.1	0.05
	intramuscularly	0.1-0.15	0.1
Sheep, goats	intravenous	0,1-1	0.5
	intramuscularly	0.2-1,5	1
Horses	intravenous	0.05-0.1	0.1
	intramuscularly	0.1-0,15	0.15
Pigs up to 50 kg of b. w.	intravenous	0.5-1	0.5
	intramuscularly	1-1,5	1
Pigs over 50 kg of b. w.	intravenous	0.3-0,5	0.3
	intramuscularly	0.5-1	0.5
Dogs	intravenous	0.5-1	0.5
	intramuscularly	1-1.5	1
Cats	intramuscularly	0.5-1	0.7

Contraindications:
Do not administer to animals with impaired liver function, heart, lung, diabetes and pregnancy. Do not administer in case of hypothermia, hypotension, bleeding with significant blood loss, strychnine intoxication.
Do not use with organophosphates (insecticides).

Warning:
Avoid contact with skin.
When administering to the foals observe the minimum dose. The dogs of large breeds, greyhound, boxers and other brachycephalic breeds are sensitive to the drug.
In some animals bradycardia, narrowing of the airways, a slight decrease in body temperature, cardiac arrhythmia may cause.
After the last administration of the drug slaughter of animals for meat is allowed in 5 days. Meat obtained before the specified period is utilized or is fed to unproductive animals depending on the conclusion of veterinarian. People can consume milk in 1 day.

Packaging:
Glass dark vials of 10 and 50 ml.

Storage:
Store in dry, dark place at the temperatures from +4 °C to +25 °C.
After the first opening the drug should be used within 30 days provided the storage conditions in the fridge.

Shelf life:
2 years.

Lidocaine hydrochloride

solution 2% for injection

Description:
Clear, almost colorless solution.

Composition:
1 ml contains:
lidocaine hydrochloride — 20.0 mg.

Indications:
It is indicated for cattle, sheep, goats, horses, pigs, dogs and cats for all kinds of local anesthesia (topical, infiltration, block, epidural, spinal, intra-articular), peripheral nerve blockades, nerve plexus, pain syndromes and acute inflammatory processes.

Contraindications:
Do not administer the drug to pregnant females.
Do not administer in case of hypersensitivity to the drug or to other amide local anesthetic drugs. Do not administer in cases of severe blood loss or infection sites of possible injection.
Do not administer in case of diseases of the cardiovascular system or functional liver failure, which is accompanied by a decrease of hepatic blood flow.

Administration and dosage:
The total dose of lidocaine hydrochloride as an active ingredient should not exceed a maximum permissible dose: cats — 2.0 mg of drug per 1 kg of body weight, cattle, sheep, goats, horses, pigs, dogs — 4.0 mg of drug per 1 kg of body weight.

- **Cattle, sheep, goats, horses, pigs, dogs**:
  - for infiltration anesthesia, therapeutic blockades in case of pain syndromes and acute inflammatory processes 0.25 or 0.5% of lidocaine hydrochloride in doses of 0.8-1.6 ml and 0.4-0.8 ml per 1 kg of body weight body respectively are administered;
  - for topical anesthesia of the skin, mucous and synovial membranes, block (regional) or epidural anesthesia 1 or 2% of lidocaine hydrochloride in doses of 0.2-0.4 ml and 0.1-0.2 ml per 1 kg of body weight respectively are administered;
  - for spinal anesthesia 2% of lidocaine hydrochloride in a dose of 0.1-0.2 ml per 1 kg of body weight of the animal are administered.
- **Cats**:
  - for infiltration anesthesia, therapeutic blockades in case of pain syndromes and acute inflammatory processes 0.25 or 0.5% of lidocaine hydrochloride in doses of 0.6-0.8 ml and 0.3-0.4 ml per 1 kg of body weight respectively are administered;
  - for topical anesthesia of the skin, mucous and synovial membranes, block (regional) or epidural anesthesia 1 or 2% of lidocaine hydrochloride in doses of 0.15-0.2 ml and 0.07-0.1 ml per 1 kg of body weight respectively are administered;
  - for spinal anesthesia 2% of lidocaine hydrochloride in a dose of 0.07-0.1 ml per 1 kg of body weight are administered.

To obtain 0.25, 0.5 and 1.0% of lidocaine hydrochloride solutions it is necessary in a syringe to one part of the lidocaine hydrochloride to add respectively four, three, or one portion of the water for injection.
To prolong the anesthetic action adding of 0.1 ml of 0.1% epinephrine solution for every 10 ml of lidocaine hydrochloride is possible.

Warning:
It is indicated with caution for animals with liver diseases, congestive heart failure, in a state of shock and hypovolemia with severe respiratory depression or hypoxia.
The drug should not be mixed with other drugs in the same syringe.
When the needle enters the vessel, and lidocaine penetrates into the blood and collapse may cause. In this case, with a therapeutic and prophylactic purposes vasoconstrictor and cordial agents are administered.

Packaging:
Vials of 10, 20, 50 or 100 ml, ampoules of 5 or 10 ml.

Storage:
Store in the original package, in dry, dark place at the temperature from +3 °C to +25 °C.
Shelf life after the first opening is 10 days provided the storage conditions in the refrigerator.

Shelf life:
3 years.

Solution of novocaine 0.5% and 2%

solution for injection

Description:
Clear, sterile, colorless solution for injection.

Composition:
1ml contains:
novocaine 5.0 mg. / 20.0 mg.

Indications:
It is indicated as a local anesthetic for infiltration anesthesia in surgery; for relief of seizures in the intestine; as a chemotherapeutic agent for various ways of novocaine blockades. In combination with specific and symptomatic means it is used for ulcers of the stomach, atony of proventriculus and intestine, dyspepsia, spasmodic colic, obstruction of the intestine, peritonitis, pneumonia, catarrhal pneumonia, pulmonary edema, prolapse of the uterus, vagina or rectum, metritis, sero-catarrhal mastitis, rheumatic inflammation of the hoof, inflammation of the joints, for wounds that slowly granulate, ulcers, fistulas, myositis, papillomatosis.
Use for dissolving antibiotics with the purpose of anesthesia of injection site and the prolonged action.

Contraindications:
Sensitivity to novocaine.

Administration and dosage:
Before administration the drug solution is heated to body temperature of the animal. In case of intravenous administration the drug is administered slowly
Subcutaneously, intramuscularly, intravenously, and intra-aortically.
Maximum single doses of novocaine solution of 0.5% (in 1 ml per animal) and 20%, respectively:

- **horse** 400-500 ml / 125 ml;
- **cattle** 300-400 ml / 100 ml;
- **goats, sheep, pigs** 100-150 ml / 25 ml;
- **dogs** 60-100 ml / 25 ml.

Warning:
Intravenous administration of the drug in the maximum doses causes the excitement.
Novocaine solution reduces the antimicrobial action of sulfonamides.

Packaging:
The glass and polymer ampoules of 5, 10, 20 ml; glass vials of 50, 100 and 200 ml, polymer vials of 50, 100, 200 ml.

Storage:
Store in a dark, dry place at the temperature from +3 °C to +25 °C.

Shelf life:
3 years.
Shelf life after the first opening in ampoules — at once; in vials — 7 days provided the storage conditions in the refrigerator.

Tiopenat

powder for injection

Description:
Fine crystalline, hygroscopic powder of light yellow color with a slight characteristic smell.

Composition:
1 g contains:
thiopental sodium — 950 mg, anhydrous sodium carbonate — 50 mg.

Indications:
The drug is indicated for pets and productive animals (dogs, cats, sheep, goats, pigs, cattle and horses) as an independent anesthetic agent for short surgical or diagnostic procedures (max. 20-25 minutes), or for an introductory and basic anesthesia by using other analgesics or miorelaxants.
In case of severe diseases (with a hopeless diagnosis) the drug can be used for quick and painless euthanasia of animals.

Administration and dosage:
To enter animals in anesthesia the drug is used intravenously, the dose is 7-15 mg/kg of body weight. The first third part of a given dose is administered slowly to prevent respiratory arrest, the second third part is administered after stabilization of breathing, and the rest of the drug is administered after termination of tachycardia. For productive animals, the drug is used only intravenously. For the other animals, in case of inability of intravenous administration, the drug is administered intraperitoneally.

Contraindications:
Do not administer to animals with severe liver disease, impaired renal function, fever and severe exhaustion.
Do not inject into the arteries.

Warning:
Do not use solvents with a content of active substance of less than 1.5%. When injecting into the vein avoid penetration of the solution into the subcutaneous tissue, as this may cause necrosis. It was found that certain drugs are not compatible with thiopental sodium, namely: aminazin, amikacine sulfate, atropine sulfate, hydromorphone, diphenhydramine, dimenhydrinate, ditiline, insulin, morphine sulfate, Ringer's solution, antibiotics of penicillin and tetracycline groups, etc.

Packaging:
Glass or polymeric vials of 1 g.

Storage:
Store in dark place, in the original package, at the temperature up to +25 °C.

Shelf life:
3 years.

Bi-dez

solution for disinfection

Description:
Clear, colorless, jelly-like liquid with a slight characteristic smell.

Composition:
100 ml contains:
polyhexamethyleneguanidine hydrochloride — 6.5 g;
dodetsildipropilen triamine — 6.5 g.

Indications:
It is indicated for disinfection (or in combination of washing and disinfection), decontamination and disinvasion of various objects subjected to veterinary supervision, namely:

- equipment of slaughterhouses and meat processing plants, dairy and other animal products;
- commercial, laboratory premises and equipment;
- vehicles for animal products and in quarantine zones;
- various livestock buildings, as well as cages and other places for small animals, especially after deworming;
- rehabilitation of water supply systems and the flow of liquid feed in fur farms.

Contraindications:
None.

Administration and dosage:
Wet disinfection is carried out with solutions of appropriate working concentration of the drug that is prepared by mixing with usual non chlorinated water. Working solutions are applied on controlled surfaces with help of various sprayers. For preventive and routine disinfection 0.3-0.4 liters of working solution per square meter of processing object is the optimum amount.
For disinfection working solutions of the drug of following concentrations are used:

- 0.1% (10 ml per 10 liters of water) — for rehabilitation of milking equipment and dairy processing objects, feeders, drinking bowls for animals;
- 0.25% (25 ml per 10 liters of water) — prophylactic disinfection of premises and equipment in the presence of animals;
- 0.5% (50 ml per 10 liters of water) — aseptic cleaning of slaughterhouses, meat processing premises, cold rooms, commercial, laboratory premises and vehicles;
- 1.0% (100 ml per 10 liters of water) — prophylactic disinfection of equipment, bunkers and feed premises, disinfection of cutting instruments;
- 1.5% (150 ml per 10 liters of water) — current disinfection of livestock premises during breaks sanitation, disinfection of wheel vehicles when crossing the quarantine zones;
- 2.0% (200 ml per 10 liters of water) — desinvasions during protozoal diseases of animals and the disinfection of detention places of sick animals, including areas contaminated by mycobacteria;
- 3.0% (300 ml per 10 liters of water) — forced and current disinfection in a complex of measures to improve the sanitation of farms from tuberculosis.

Warning:
While working with solutions general rules of hygiene and safety must be followed. Solutions with concentration over 3% may cause irritation of skin, so when you work with it rubber gloves and safety goggles must be used.

Packaging:
Vials made of glass of 50, 100, 300; 500, 1000 ml; cans of 3, 5, 10 and 20 l.

Storage:
Store in warehouses that are protected from direct sunlight, in original package at the temperature from 0 °C to +25 °C.

Shelf life:
2 years.

Brovadez-20

solution for disinfection

Description:
Clear, slightly opalescent, colorless to slightly yellowish solution, foaming while shaking, with a low characteristic smell.

Composition:
1 ml contains:
benzalkonium chloride — 200 mg.

Indications:
It is indicated for the purpose of sanitation and disinfection of livestock and poultry facilities, places of sales of livestock and poultry (markets), processing units of meat, dairy and other animal products; in slaughterhouses and sanitary — slaughterhouses, kennels, cages and other places of small animals and birds, especially after deworming, for disinfection of hives affected by ascospherosis, aspergillosis, American and European foulbrood and nosematosis of bees; as well as other objects subject to veterinary supervision.

Contraindications:
None.

Administration and dosage:
Wet disinfection is carried out by water solutions of appropriate concentration. They are prepared by mixing Brovadez with non-chlorinated water. The solution is applied by using a fine sprayer to complete wetting, or by wiping the surface of objects with a sponge.
Solutions of the following concentrations are used for:

- 0.1% (10 ml / 10 liters of water) — sanation of milk processing equipment facilities, feeders and drinking bowls in the presence of animals;
- 0.25% (25 ml / 10 liters of water) — preventive disinfection of premises and equipment in the presence of animals; sanation of water supply systems;
- 0.5% (50 ml / 10 liters of water) — aseptic cleaning of slaughterhouses; processing facilities; commercial and laboratory facilities; means of transport of animal origin products; soak overalls before washing;
- 1.0% (100 ml / 10 liters of water) — planned disinfection of sanitary breaks in livestock buildings;
- 1.5% (150 ml / 10 liters of water) — disinvasion after deworming and disinfestation of places of contagious animals or birds;
- 0.05% (50 ml / 100 liters of water) — prevention of breeding of green algae and other microorganisms in the indoor pools or water systems.
- 2.5% (25 ml / l of water) — disinfection of apiaries.

Warning:
Do not use in the presence of animals, birds and beehives.
Solutions of over 2% of concentration may cause irritation of the skin, so when working with the drug and its solutions you must use personal protective equipment: gloves made of polyvinyl chloride and goggles.
Preparation of working solutions must be carried out in a ventilated area, where there is water.
During the work with the drug it is forbidden to eat, drink or smoke.
In case of contact with the eyes, they are washed with water and dripped by the solution of sodium sulfacyl (albucid) of 20%.
In case of accidental contact with the skin it is necessary to wash thoroughly the affected area with running water, then apply softening cream.

Packaging:
Bottles of plastic materials of 20, 50, 100, 200, 500, 900 or 1000 ml, plastic containers of 5 or 10 liters.

Storage:
Store in the original package in dark, protected from direct sunlight, well-ventilated areas at the temperature from +1 °C to +20 °C.

Shelf life:
4 years.

Brovadez plus

solution for disinfection

Description:
Clear, light blue liquid with low characteristic smell.

Composition:
100 g contain:
dimethyldialkylammonium chloride — 10%;
didecyldimethylammonium chloride — 5%;
ethylendiaminetetraacetic acid — 7%.

Indications:
It is indicated for disinfection, decontamination and disinvasion of various objects which are subjected to veterinary supervision:

- equipment of slaughterhouses and meat processing plants, dairy and other animal products;
- commercial, laboratory premises and equipment;
- vehicles for animal products and in quarantine zones;
- various livestock buildings, as well as cages and other places for small animals, especially after deworming;
- rehabilitation of water supply systems and the flow of liquid feed in fur farms.

Contraindications:
None.

Administration and dosage:
Wet disinfection is carried out with solutions of appropriate working concentration of the drug that is prepared by mixing with usual non chlorinated water. Working solutions are applied on controlled surfaces with help of various sprayers. For preventive and routine disinfection 0.3-0.5 liters of working solution per square meter of processing object is the optimum amount.
For disinfection working solutions of the drug of following concentrations are used:

- 0.05% (5 ml per 10 liters of water) — to prevent reproduction of green algae and other microorganisms in closed basins and water supply systems;
- 0.1% (10 ml per 10 liters of water) — for rehabilitation of milking equipment and dairy processing objects, feeders, drinking bowls for animals;
- 0.25% (25 ml per 10 liters of water) — prophylactic disinfection of premises and equipment in the presence of animals;
- 0.5% (50 ml per 10 liters of water) — aseptic cleaning of slaughterhouses, meat processing premises, cold rooms, commercial, laboratory premises and vehicles;
- 1.0% (100 ml per 10 liters of water) — prophylactic disinfection of equipment, bunkers and feed premises, disinfection of cutting instruments;
- 1.5% (150 ml per 10 liters of water) — current disinfection of livestock premises during breaks sanitation, disinfection of wheel vehicles when crossing the quarantine zones;
- 2.0% (200 ml per 10 liters of water) — desinvasions during protozoal diseases of animals
- 3.0% (300 ml per 10 liters of water) — forced and current disinfection in a complex of measures to improve the sanitation of farms from tuberculosis.

Warning:
While working with the solutions general rules of hygiene and safety must be followed.

Packaging:
Packages and small bottles made of polymeric materials or small bottles and ampoules made of glass of 10; 25 ml; small bottles made of polymeric materials of 50; 100; 250; 500 ml; and cans of 1; 3; 5; 10 and 20 liters.

Storage:
Store in dry warehouses which are protected from the action of direct sunlight, in original package at the temperature from 0°C to +25°C.
Avoid freezing and overheating of the drug.

Shelf life:
4 years.

MolSan

microgranulated powder

Description:
Finely granular powder, well soluble in water in recommended proportions.

Composition:
1 g contains:
sulfonol — 300 mg;
sodium lactate — 186 mg.

Indications:
It is indicated for industrial production technology of milk and in the conditions of households namely for: daily hygiene of the skin of the udder and teats of cows before milking, disinfection of reusable wipes used during the preparation for milking and for washing of milk utensils.

Contraindications:
None.

Administration and dosage:
Before each milking the working solution of 0.2% concentration by adding 2 g of powder to 1 liter of warm (30-35 °C) water is prepared.
It is applied to the skin of the udder by means of spray or wipes impregnated with a drug by the application method, which is traditionally used in the production cycle of household:

- carefully wipe the teats, and if necessary, the entire surface of the udder;
- put used wipes in a separate bucket.

Attention! Separate wipe should be used for each cow.
For disinfection of reusable wipes and washing of milk utensils use more concentrated solution (0.4-0.5%) by adding 4-5 g of the drug to 1 litre of water.

Warning:
When working with solutions of the drug general rules of hygiene and safety should be followed.

Packaging:
Polymeric vials, packages and buckets of 0.1, 0.5, 1.0, 3.0, 5.0, 10 kg.

Storage:
Store in warehouses, which are protected from moisture and direct sunlight in original package at the temperature from +4 °C to +25 °C.

Shelf life:
12 months.

Kefen

solution 10% for injection

Description:
Clear colorless solution.

Composition:
1 ml contains:
ketoprofen — 100 mg.

Indications:
It is indicated for treatment of cattle, pigs, horses, dogs with acute or chronic inflammatory process of the musculoskeletal system (arthritis, arthrosis, bursitis, sprains, swelling, tenosynovitis, trauma, infections of the hoof), respiratory organs, syndrome of metritis-mastitis-agalactia, various forms of mastitis, for the treatment of pain syndrome of various etiologies (after surgery, injury, colic), as an antipyretic agent in diseases accompanied by hyperthermia and depressed mood.

Administration and dosage:
The drug is administered intramuscularly or intravenously one time in doses:

- **cattle**: intravenously or intramuscularly, 0.3 ml of drug per 10 kg of body weight during 1-3 days;
- **horses**: intravenously or intramuscularly, 1 ml of drug per 45 kg of body weight during 3-5 days (for animal treatment of colic single administration will be sufficient);
- **pigs**: intramuscularly, 0.3 ml of drug per 10 kg of body weight during 1-3 days.
- **dogs**: subcutaneously or intramuscularly — 0.1-0.2 ml per 10 kg body weight (1.2 mg of ketoprofen per 1 kg of body weight), one time a day during 1-3 days;
- **cats**: subcutaneously or intravenously, 0.1 ml per 10 kg body weight (1 mg of ketoprofen per 1 kg of body weight), one time a day during 2-4 days.

Injections of more than 10 ml are divided into two or more parts and injected in different places.

Contraindications:
Do not administer to animals with hypersensitivity to the drug.
Do not administer to animals with gastric or duodenal ulcer, hemorrhagic syndrome, severe renal or hepatic insufficiency.
Do not administer simultaneously with other NSAIDs, corticosteroids, anticoagulants and diuretics.

Warning:
Do not mix with other drugs in the same syringe.
The slaughter of pigs for meat is allowed in 4 days, cattle — in 5 days. Meat obtained before the specified period is utilized or fed to unproductive animals depending on the conclusion of veterinarian. Milk can be used without restrictions.

Packaging:
Glass and dark polypropylene vials of 10, 100 ml.

Storage:
Store in dry, dark place in the original package at temperature from +4 °C to +25 °C.

Shelf life:
2 years.

Solution of caffeine benzoate 20%

solution for injection

Description:
Sterile, clear, colorless solution for injection.

Composition:
1ml contains active ingredients:
caffeine — 87.4 mg, sodium benzoate — 112.6 mg.

Indications:
It is indicated for treatment of horses, cattle, pigs, sheep, goats, dogs, cats suffering from general oppression, weakening of cardiac activity, fatigue, reduced metabolism, difficult parturation, labor paresis, intestinal cramps, intoxication by the drugs for anesthesia, etc.

Administration and dosage:
Subcutaneously (ml) per animal in doses:
- **horses, cattle**: 10-25;
- **pigs, sheep, goats**: 2-7;
- **dogs**: 0.5-1.5;
- **cats**: 0.2-0.5.

In case of oral administration specified doses of the drug are increased for 2 times.
If necessary, it is allowed the administration of the drug 2-3 times at intervals of 7 hours.

Contraindications:
Irritability, malformations of the cardiovascular system.

Warning:
The drug is incompatible with α- and β-adrenergic agonists, anxiolytics, MAO inhibitors, xanthine derivatives, psycho-stimulant substances, hypnotics and sedatives.

Packaging:
Ampoules of 10 ml and glass vials of 100 ml made of glass and polymeric materials.

Storage:
Store in a dark, dry place at the temperature from +3 °C to +25 °C (do not freeze).
Shelf life after the first opening is 48 hours at the temperature from +3 °C to +12 °C, without freezing.

Shelf life:
3 years.