



BURNET®

Best Experience in Animal Health



Vademecum

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BURNET®



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ANTIBIOTICS



BIRMICINA E25

Streptomycin 25%
Antibiotic
Injectable use
40 ml bottle



Composition: each 100 mL contains: Streptomycin sulfate 25 g.

Indications: **Cattle, horses, sheep, pigs:** treatment of colibacillosis, neonatal diarrhea, salmonellosis, pasteurellosis, actinomycosis, actinobacillosis. Infections caused by *Klebsiella* and *Haemophilus*. Shigellosis in foals. Hemorrhagic dysentery and necrotic diarrhea in pigs, nonspecific enteritis, omphalophlebitis and many infections caused by *Trueperella pyogenes* (known as *Actinomyces pyogenes*). Acute, subacute and chronic leptospirosis. Treatment of choice in genital vibriosis (*Campylobacter fetus*), in both bulls and cows.

Administration and dosage: deep intramuscular (IM) injection (if possible distributed), every 12 hours and according to the severity of the clinical condition.

Uncomplicated clinical cases: 10 mg per kg live weight.

Leptospirosis and genital vibriosis: 25-30 mg per kg live weight.

In genital vibriosis, in addition to parenteral administration, wash the prepuce of the bull with 5 ml of product, massaging vigorously for 5 minutes. To treat cows, perform an intrauterine infusion of one bottle of **Birmicina E25** diluted into 50 to 150 ml sterile physiological solution, repeating for 3 days.

Administer according to professional criteria.

Action: streptomycin sulfate is an aminoglycoside antibiotic especially active against Gram negative and Gram positive microorganisms. It diffuses rapidly throughout the body, even reaching the aqueous and vitreous humours. It easily crosses the placenta and reaches the amniotic fluid and fetal blood, in which almost half of the concentration present in the maternal blood is achieved.



BIRMICINA PLUS

Penicillin G 5,000,000 I.U.
Streptomycin
Broad-spectrum antibiotic
Injectable use
Case with 6 bottles with powder and 6 diluent bottles



Composition:

Each bottle with powder contains: Benzathine penicillin G 2,500,000 I.U., Sodium penicillin G 2,500,000 I.U., Streptomycin sulfate 2 g.

Each bottle with diluent contains: 16 ml.

Indications: **Cattle, horses, sheep, pigs and dogs:** treatment of infectious processes caused by microorganisms sensitive to the association penicillin / streptomycin. Pneumonia, bronchopneumonia, enzootic pneumonia in calves, metritis, mastitis, nephritis, pyelonephritis, cystitis, hepatitis, septicemia, carbuncle, leptospirosis, tetanus, equine adenitis, abscesses, actinomycosis and sensitive microorganisms associated, acute or chronic systemic diseases in canines.

Administration and dosage: by deep intramuscular (IM) route.

Indicative doses:

Cattle and horses: 5,000,000 I.U. (16 ml)

Sheep and pigs: 2,500,000 I.U. (8 ml)

Canines: 1,500,000 – 2,500,000 I.U. (5 to 8 ml)

Administer according to professional criteria.

ANTIBIOTICS

CEFALEXINA BURNET

Cephalexin 20%

Broad-spectrum prolonged-release antibiotic

Injectable use

100 ml and 250 ml bottles



Composition: each 100 mL contains: Cephalexin monohydrate 20 g.

Indications: Cefalexina Burnet is a long-acting antibiotic intended for the treatment of respiratory diseases, mastitis, metritis, foot and joint infections, wounds and abscesses caused by microorganisms sensitive to cephalexin: *Klebsiella*, *Serratia*, *Haemophilus*, *Streptococcus pneumoniae*, *Streptococcus pyogenes*, *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Neisseria*, *Clostridium*, *Actinomyces*.

Administration and dosage: by intramuscular (IM) route.

Administer according to professional criteria.

Cattle: administer 1 ml per 25 kg live weight, using a needle with a diameter not less than 20 gauge.

Do not administer to animals allergic to the active substance.

Action: the cephalexin is a first generation cephalosporin with a broad spectrum of activity against Gram positive and Gram negative bacteria. It acts at the systemic level but with restricted passage to the mammary gland, avoiding to discard the milk of the treated animal as there are no residues left.



ENDOMETRAL

Gentamicin

Antibiotic

Intrauterine use

200 ml bottle



Composition: each 100 mL contains: Gentamicin sulfate 200 mg, Ethinyl estradiol 5 mg.

Indications: treatment of acute and subacute metritis, 2nd and 3rd grade seropurulent endometritis without collect, intrauterine infusion in placental retention, infusion after the repositioning of uterine prolapse, cesarean delivery, dystocia.

Administration and dosage: intrauterine and deep vaginal infusion, performed with insemination pipette or catheter.

Repeat breeding cows: 7 days before the probable date of heat, perform an intrauterine infusion of 100 ml of the product with an insemination pipette. In 1st, 2nd and 3rd grade seropurulent endometritis without collect, infuse 200 ml, distributed in each uterine horn. Repeat the dose after 24 hours. Placental retention and other obstetric practices: infuse 200 ml with a Foley catheter or catheter of 44 cm with a 60 ml syringe adapter with urethral tip.

Mares with endometritis: administer daily 200 to 400 ml of sterile physiological solution, for 3 days, during heat.

Then follow this scheme:

1. Mares that did not conceive in a breeding season: 200 ml. Repeat after 24 hours.
2. Mares that did not conceive in two or three breeding seasons: 400 ml. Repeat after 24 hours.

Sheep and pigs: 50 to 100 ml, repeat if necessary.

Administer according to professional criteria.

Action: gentamicin is an aminoglycoside antibiotic with bactericidal activity against Gram negative and Gram positive microorganisms including some bacteria resistant to other aminoglycoside antibiotics such as neomycin, streptomycin and kanamycin.



ANTIBIOTICS

ENDOMETRAL PLUS

Amoxicillin, Enrofloxacin

Antibiotic

Intrauterine use

1 syringe of 60 ml



Composition: each 100 mL contains: Amoxicillin base 3.335 g, Enrofloxacin 835 mg.

Indications: acute purulent endometritis, 2nd and 3rd grade chronic seropurulent endometritis, postabortion infections, placental retention, cesarean delivery, dystocia.

Administration and dosage: by intrauterine infusion.

Cattle and horses: it is convenient to administer over the end of heat or in the metoestrus. Infections are controlled within 15 to 20 days of medication. After this period, the animal will be in reproductive conditions suitable for natural service or artificial insemination. Administer according to professional criteria.

Action: the combined formulation of **Endometral Plus** controls severe puerperal infections caused by *Streptococcus*, *Escherichia coli*, *Staphylococcus*, *Trueperella pyogenes* (formerly *Corynebacterium pyogenes*), *Proteus* and *Shigella*.

ERITROMICINA 20% BURNET

Erythromycin

Antibiotic

Injectable use

100 ml bottle



Composition: each 100 mL contains: Erythromycin base 20 g.

Indications: treatment of acute and chronic mastitis, respiratory diseases, bronchitis, tracheitis, tonsillitis, shipping fever, endometritis, metritis and other infectious diseases caused by erythromycin sensitive microorganisms that affect cattle, pigs, sheep, dogs and cats.

It is very effective against certain microorganisms mainly coagulase positive *Staphylococcus aureus* in bovine mastitis and *Pasteurella* in pleuropneumonia in calves.

In the treatment of mastitis, parenteral use of this fat soluble antibiotic is highly efficacious with optimal diffusion from the systemic circulation towards glandular tissues, achieving high concentration in the infectious focus.

Administration and dosage: by intramuscular (IM) route, distributing the dose at two injection sites.

Cattle: 2 to 4 ml per 100 kg live weight, every 12 to 24 hours, according to the severity of the clinical condition.

Special treatments:

1. Acute and chronic mastitis, caused by *Staphylococcus aureus* (coagulase positive or negative), *Streptococcus* (*S. agalactiae*, *S. dysgalactiae* and *S. uberis*).

Dose: 5 ml per 100 kg of live weight every 24 hours, repeating according to the severity of the clinical condition.

2. Bronchopneumonia and fibrinous pneumonia with pleuropneumonia caused by *Pasteurella*, *Haemophilus* and *Staphylococcus* in calves during artificial breeding and in bovines during intensive fattening.

Dose: 10 ml per 100 kg live weight every 24 hours, repeating according to the severity of the clinical condition.

3. Polyarthritis in calves with lameness and suppurated arthritis of large joints caused by *Erysipelothrix rhusiopathiae* (formerly *E. insidiosa*).

Dose: 10 ml per 100 kg live weight every 12 hours. It can be combined with 20 mg of **Dexametasona Burnet** every 36 hours.

4. Acute puerperal mastitis/metritis (puerperal sepsis).

Dose: 5 ml per 100 kg live weight every 24 hours (at least for three days), followed by 20 mg of **Dexametasona Burnet** diluted into one bottle of 400 ml of **Power Shock** and administered by intravenous (IV) route for 2 days.

Swine:

Respiratory conditions: 1 to 3 ml per 100 kg live weight every 24 hours.

ANTIBIOTICS

Swine erysipelas or non-suppurative polyarthritis with serious skin lesions: 10 ml per 100 kg live weight every 24 hours.

Sheep:

Respiratory infections: 1 ml per 100 kg live weight every 24 hours.

Prevention of enterotoxemia in newborn lambs when the causative agent is *Clostridium perfringens* type B: 0.625 ml per kg live weight immediately after delivery.

Dogs and cats:

Dose: 0.50 ml per 10 kg live weight every 8 hours.

Note: these doses and their repetition depend on the severity of the clinical condition and are subject to professional criteria.

Action: erythromycin is a macrolide antibiotic with activity against Gram positive cocci (*Staphylococcus*, *Streptococcus*), Gram positive bacilli (*Bacillus anthracis*, *Corynebacterium*, *Clostridium*, *Listeria* and *Erysipelothrix*) and some strains of Gram negative bacilli including *Haemophilus*, *Pasteurella*, *Brucella*. Some strains of *Actinomyces*, *Mycoplasma*, *Chlamydia*, *Ureaplasma* and *Rickettsia* are also inhibited. This antibiotic is distributed throughout the body including the mammary gland and cerebrospinal fluid thanks to its liposolubility. It does not have teratogenic effects and can be administered during pregnancy.

Administer according to professional criteria.

GENTA-P Gentamicin, Polymyxin B Antibiotic Ophthalmic spray 200 ml bottle



Composition: each 100 mL contains: Gentamicin sulfate 500 mg, Polymyxin B sulfate 160,000 I.U., Gentian violet 50 mg, Proxymetacaine 500 mg, Diphenhydramine 5 mg, Benzalkonium chloride 200 mg; prolonged-release formulation.

Indications: Common eye pathologies: keratoconjunctivitis, keratitis, conjunctivitis, blepharitis.

Prevention and treatment of skin lesions: cracked skin and excoriations, fresh wounds, castration, surgical incisions.

Foot conditions: foot rot (infectious pododermatitis), traumatic wounds.

Administration and dosage: topical application.

Cattle, horses, sheep, pigs and dogs: apply the spray to eyes from a distance of 15 cm.

Depending on the severity of the clinical condition, repeat once or twice a day until the disappearance of symptoms.

To treat foot rot, clean the hoof thoroughly before spraying abundantly and dress the affected area to allow the action of the medication.

Apply according to professional criteria.

Action: gentamicin is the antibiotic with the broadest spectrum among aminoglycosides. Polymyxin B is an excellent complement to gentamicin and it is very effective in treating eye infections, especially against *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella*, *Pasteurella*, *Salmonella* and most *Proteus*. Benzalkonium chloride facilitates the penetration of antibiotics by altering the permeability of the bacterial cell wall. It acts as bacteriostatic and has antifungal properties. Diphenhydramine is an antihistamine intended to mitigate the hypersensitivity generated by histamine. Gentian violet is a skin antiseptic that acts selectively against Gram positive bacteria, especially *Staphylococcus*. Proxymetacaine is an anesthetic indicated for ophthalmic use. **Genta-P** does not contain corticosteroids as they decrease natural defense of the injured eye promoting corneal perforation. Unlike aerosol sprays, **Genta-P** spray does not contain aerosol propellants, so it does not irritate injured eyes, making eye washing unnecessary and preserving the residual activity of the active ingredients. Finally, the modern dosing system provided with the product ensures an exact dosage of 1 cm³ with each 3 - 4 pulsations, allowing higher yield and considerable savings.



ANTIBIOTICS

GENTAPEN 50

Penicillin G 5,000,000 I.U.

Gentamicin, Dexamethasone, Vitamins B1, B2, B6, C
Antibiotic, anti-inflammatory action, vitamins

Injectable use

Case with 6 bottles with powder and 6 diluent bottles



Composition:

Each bottle with powder contains: Gentamicin 400 mg, Sodium penicillin G 2,000,000 I.U., Procaine penicillin G 1,000,000 I.U., Benzathine penicillin G 2,000,000 I.U., Dexamethasone 8 mg.

Each diluent bottle contains: Vitamin B1 40 mg, Vitamin B2 10 mg, Vitamin B6 10 mg, Vitamin C 2 g, in 15 ml.

Indications: bronchopulmonary, genitourinary and gastrointestinal tract infections. Prevention and treatment of acute and chronic metritis, pyometra, postabortion infections. Colibacillosis, local and generalized staphylococcal infections. Polyarthrits, cystitis, pyelonephritis and other infections caused by sensitive microorganisms and resistant to other antibiotics.

Administration and dosage: by intramuscular (IM) route.

The powder bottle must be reconstituted with the diluent liquid. Administer and dispose of surplus product. Do not administer more than 20 ml per injection site.

Horses: 1 reconstituted bottle every 250 kg live weight.

Indicative doses:

Animals from 400 to 600 kg: 2 bottles

Animals from 125 to 350 kg: 1 bottle

Animals up to 125 kg: half a bottle

Canines and felines: 1.5 ml per 20 kg.

If necessary repeat until clinical remission, according to professional criteria, depending on the sensitive microorganism, the pathology and the evolution of the infection.

Administer according to professional criteria.

Action: the combination of gentamicin with penicillin has a remarkable bactericidal and bacteriostatic activity, allowing the treatment and control of most of the acute and chronic infectious diseases. The diluent has been designed to produce a powerful anti-stress effect, supporting the anti-inflammatory action of the dexamethasone and helping minimize side effects.

L.A. OXI-200

Oxytetracycline 20%

Broad-spectrum prolonged-release antibiotic

Injectable use

100 ml, 250 ml and 500 ml bottles



Composition: each 100 mL contains: Oxytetracycline base 20 g.

Indications: Cattle and sheep: pneumonia, bronchopneumonia, carbuncle, gangrenous diseases, septicaemia, mastitis, foot rot (infectious pododermatitis), bacterial enteritis, gynaecological infections, wounds and all kind of infections caused by microorganisms sensitive to oxytetracycline.

Swine: pneumonia, bronchopneumonia, bacterial enteritis, swine erysipelas, piglet diarrhea, postpartum infections and all those infections caused by microorganisms sensitive to oxytetracycline.

Administration and dosage: by deep intramuscular (IM) injection.

Cattle, sheep and pigs: administer 1 ml per 10 kg live weight, equivalent to 20 mg of oxytetracycline per kg.

Cattle and sheep: administer into large muscle masses (neck, rump, back). If the dose exceeds 20 ml volume it is better to administer at two different sites.

Pigs: if animals exceed 100 kg live weight it is better to administer at two different sites.

Administer according to professional criteria.

Action: the oxytetracycline base along with 2-pyrrolidone combines rapid and prolonged antibiotic release giving a prompt therapeutic response for 3 to 5 days.

ANTIBIOTICS

MASTER

Erythromycin, Amoxicillin

Antibiotic for the treatment of acute and chronic mastitis

Intramammary instillation use

Case with 24 syringes of 10 ml, bucket with 96 or 200 syringes of 10 ml.



Composition: each 100 mL contains: Erythromycin base 1 g, Amoxicillin trihydrate 2 g.

Indications: prevention and treatment of acute and chronic mastitis in dairy cattle during the lactation period. It acts against the bacteria involved in mastitis, including those resistant to penicillins such as: *Streptococcus* (*S. agalactiae*, *S. dysgalactiae*, *S. uberis*) and *Staphylococcus aureus*.

Administration and dosage: by intramammary instillation.

Cattle: instil 10 ml per udder quarter.

Each dose is equivalent to 100 mg of erythromycin and 200 mg of amoxicillin per udder quarter. Cows should be completely milked and the udder and teats should be washed with warm water and a disinfectant. Dry thoroughly and apply a topical antiseptic, such as 70% isopropyl alcohol, using a moistened cotton. Then apply the medication. People who treat the cows should thoroughly wash their hands. Introduce the dose into the mammary duct and then, covering the teat with one hand, massage gently the mammary gland upwards to achieve a uniform distribution. Upon completion, it is recommended to seal the teats.

Note: the presence of lumps in the milk is an expression of the improvement of immune defenses that would allow the final control of the mastitis.

Administer according to professional criteria.

Contraindications: the product is contraindicated in animals sensitive to any of the active principles. It is not convenient to simultaneously administer erythromycin and lincosamides because both of them bind to the 50S ribosomal subunit and can compete with each other. Erythromycin can inhibit the metabolism of methylprednisolone. In patients treated with warfarin, administration of erythromycin may increase prothrombin time.



MASTER-S

Erythromycin, Amoxicillin

Prolonged-release antibiotic for udder drying-off

Intramammary instillation use

Case with 24 syringes of 10 ml, bucket with 96 or 200 syringes of 10 ml.



Composition: each 100 mL contains: Erythromycin base 1 g, Amoxicillin trihydrate 2 g.

Indications: to be used during the udder drying-off process. It acts against *Streptococcus* (*S. agalactiae*, *S. dysgalactiae*, *S. uberis*) and *Staphylococcus aureus*.

Administration and dosage: by intramammary instillation.

Cattle: instil 10 ml per udder quarter.

Each dose is equivalent to 100 mg of erythromycin and 200 mg of amoxicillin per udder quarter. Cows should be completely milked and the udder and teats should be washed with warm water and a disinfectant. Dry thoroughly and apply a topical antiseptic, such as 70% isopropyl alcohol, using a moistened cotton. Then apply the medication. People who treat the cows should thoroughly wash their hands. Introduce the dose into the mammary duct and then, covering the teat with one hand, massage gently the mammary gland upwards to achieve a uniform distribution. Upon completion, it is recommended to seal the teats.

Administer according to professional criteria.

Contraindications: the product is contraindicated in animals sensitive to any of the active principles. It is not convenient to simultaneously administer erythromycin and lincosamides because both of them bind to the 50S ribosomal subunit and can compete with each other.



ANTIBIOTICS

Erythromycin can inhibit the metabolism of methylprednisolone. In patients treated with warfarin, administration of erythromycin may increase prothrombin time. Do not administer with penicillins.



MAXILINA L.A. INJECTABLE

Amoxicillin

Prolonged-release antibiotic

Injectable use

100 ml bottle



Composition: each 100 mL contains: Amoxicillin base 15 g.

Indications: this long-acting antibiotic is intended for the treatment of infectious diseases caused by microorganisms sensitive to amoxicillin, being effective against a broad spectrum of Gram negative bacteria such as *Pasteurella*, *Brucella*, *Fusobacterium*, *Haemophilus*, *Escherichia coli*, *Proteus mirabilis*, *Salmonella*, *Treponema*, *Moraxella* and Gram positive bacteria as *Bacillus anthracis*, *Erysipelothrix*, *Streptococcus*, *Staphylococcus*, *Clostridium* and *Corynebacterium*.

Maxilina L.A. is effective in the treatment of the following diseases: pneumonia, bronchopneumonia, pleuropneumonia, erysipelas, omphalophlebitis in neonatal animals, gas gangrene, enterotoxemia, malignant edema, botulism, tetanus, symptomatic anthrax, pyelonephritis, cystitis, pasteurellosis, brucellosis, mastitis, metritis, arthritis, purulent-necrotic lesions (local, disseminated or metastatic), salmonellosis, wounds, postpartum infections and all infections caused by opportunistic pathogens and microorganisms sensitive to amoxicillin. It is recommended for prevention of postoperative infections, administered before surgery.

Administration and dosage: exclusively by intramuscular (IM) route, using a needle with a diameter not less than 20 gauge.

Horses, dogs and cats: administer 1 ml per 10 kg of live weight, regardless of animal species and age, equivalent to 15 mg amoxicillin per kg of live weight.

This dose can be repeated after 48 hours, according to professional criteria.

When the dose in horses exceeds 15 ml, it is recommended to divide it into two or three injection sites.

Administer according to professional criteria.

Action: amoxicillin base, in an exclusive formula, promotes a prompt therapeutic response for 3 to 5 days.

Precautions: the product is not toxic at the dose indicated. Hypersensitivity reactions may occur, being common manifestations: skin reactions, angioedema, drug-related fever, eosinophilia and anaphylaxis. In case of any allergic reaction, administer epinephrine or equivalent. Do not administer to animals with a history of amoxicillin allergy. Given the broad spectrum of amoxicillin, it acts not only against pathogenic microorganisms but also against the normal gut microbiota. The degree of intestinal dysbacteriosis (alterations of the gut microbiome balance) depends on the dose, duration of treatment, the composition of the gut microbiota and antibiotic sensitivity.

Administer according to professional criteria.

ANTIBIOTICS

TILMICINA 300

Tilmicosin 30%

Antibiotic

Injectable use

10 ml and 100 ml bottles



Composition: each mL contain: Tilmicosin phosphate 300 mg.

Indications: treatment of cattle with infectious processes caused by microorganisms sensitive to tilmicosin. Pneumonia in calves, bovine respiratory disease complex. Shipping fever associated with *Pasteurella multocida* and *Mannheimia haemolytica* (formerly *Pasteurella haemolytica*). Infectious keratoconjunctivitis associated with *Moraxella bovis*. Foot rot (infectious pododermatitis) associated with *Fusobacterium necrophorum*, *Porphyromonas asaccharolytica*, *Prevotella intermedia*.

Administration and dosage: exclusively by subcutaneous (SC) route.

Cattle:

Pneumonia, bovine respiratory disease and shipping fever: 1 ml per 30 kg (10 mg/kg).

Infectious keratoconjunctivitis and foot rot: 1 ml per 30 to 60 kg (5 to 10 mg/kg).

Unless other indication, only one injection is sufficient. Do not administer more than 25 ml per injection site.

Administer exclusively in cattle.

Administer according to professional criteria.

Action: tilmicosin is a macrolide antibiotic with selective activity against *Pasteurella* and *Mycoplasma*.

Precautions: Antibiotic for exclusive use in cattle, not suitable for human use. Cases of severe human intoxication by accidental self-injection have been reported.



METABOLIC LINE



APETICAN PLUS (export only)

Restorative tonic and appetite stimulant for canines and felines
Oral use
100 ml and 250 ml bottles



Composition: each 100 mL contains: Cyproheptadine hydrochloride 40 mg, Dexpanthenol 100 mg, Lysine hydrochloride 5000 mg, Niacinamide 200 mg, Vitamin A 80.000 I.U., Vitamin B6 100 mg, Vitamin B12 100 mcg, Vitamin D3 8.000 I.U.

Indications: nutritional supplement. Anorexia of any origin, fast-growing puppies, pregnant females, lactation period, after antibiotic therapy, postoperative period, senile animals, convalescence after viral infections.

Administration and dosage: by oral route.

5 ml (1 teaspoon) per 20 kg live weight, 2 times a day.

Administer for 10 to 20 days, according to professional criteria.

CALCISHOCK

Calcifying effect
Intravenous use
1000 ml bottle



Composition: each 100 mL contains: Calcium propionate 2.268 g, Calcium gluconate 1.7 g, Calcium chloride dihydrate 332 mg, Calcium glutamate 410 mg, Fructose 2 g, Glucose 5 g, Sorbitol 1 g, Magnesium hypophosphite 100 mg.

Indications: treatment of downer cow syndrome caused by postpartum hypocalcemia, characterized by severe depression of the sensory nerve, general paralysis, head reclining, dilated pupils, anorexia, dry nose, cold extremities (hypothermia). This is the clinical manifestation of normo or hypermagneseemic hypocalcemia with hyperkalemia.

Administration and dosage: by slow intravenous (IV) infusion.

Administer a bottle of 1,000 ml per animal, by slow IV infusion, 80-100 drops per minute.

Use only in downer cows due to postpartum hypocalcemia and administer only once.

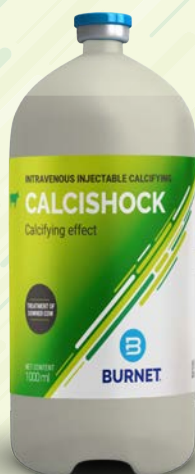
Do not administer with any other medication, mainly cardiorespiratory stimulants as given the condition of insufficiency it may cause the death of the treated animal.

In case of total recovery, to avoid a relapse, administer subcutaneously or intramuscularly 100 ml of **Prevenrec**, distributed in two or three injection sites, after **Calcishock** administration.

In case of partial recovery (the cow recovers from the coma but remains recumbent), wait 18 hours before repeating the administration of **Calcishock**. If after this second administration there is no change in the clinical condition within a maximum of 3 hours, orient the diagnosis to downer cow syndrome due to postpartum paresis. In this case, the indicated therapy is the administration, by slow IV infusion, of 100 ml of **Fósforo 15-30** diluted into a **Power Shock** bottle, followed by 20 ml of **Prevenfos**.

Administer according to professional criteria.

Action: it provides total calcium supply at a balanced level allowing gradual rising of serum calcium, without impairing the restoration of the adequate functionality of the hormones that regulate its level.



CEEF-ON

Restorative effect on cellular metabolism,
regulation of the internal environment
Detoxifying and energizing action
Intravenous use
500 ml bottle



Composition: each 100 mL contains: Magnesium aspartate 200 mg, L-arginine HCl 300 mg, L-cysteine HCl 100 mg, Glycine 750 mg, L-histidine HCl 250 mg, L-leucine HCl 250 mg, L-lysine HCl 300 mg, DL-methionine 300 mg, L-tryptophan HCl 100 mg, L-valine 250 mg, Glucose monohydrate 5 g, Fructose monohydrate 5 g, Vitamin B2 phosphate 50 mg, Vitamin B6 HCl 100 mg, Vitamin B12 1 mg, Nicotinamide 200 mg, Vitamin C 200 mg, Calcium chloride 100 mg.



METABOLIC LINE

Sodium chloride 1.75 g, Potassium chloride anhydrous 200 mg, Magnesium chloride hexahydrate 50 mg.

Indications: for a powerful restoration of the internal environment. **Ceef-On** acts as a pH regulator when used after training or competitions. Detoxifying and restorative action in cases of diarrhea, shock or dehydration. Coadjuvant in the treatment of downer cow syndrome (cattle recumbency). Weekly treatments for exhausted or overtrained animals. With antithermic and moisturizing effect for the summer season. Supplement in deficiency treatments.

Administration and dosage: by slow intravenous (IV) infusion.

It can also be incorporated into physiological solution in slow IV infusions.

Horses: 50 to 100 ml after training, 250 ml after competitions. In serial treatment, administer 50 ml per day for 5 days, rest a week and repeat the treatment as many times as necessary.

Cattle: 100 to 250 ml after transport or herding, 250 to 500 ml in severe intoxication, dehydration, inappetence, ketosis. Serial treatment: 50 ml daily, according to professional criteria, for the preparation of pedigree animals.

Pigs, sheep and goats: 50 to 250 ml, according to professional criteria.

Dogs and cats: 20 to 100 ml. Repeat the treatment as many times as necessary, according to professional criteria.

Administer according to professional criteria.

CISTEPAN BURNET

Prevention and treatment of muscle fatigue

Injectable use

100 ml bottle



Composition: each 100 mL contains: Mercaptamine hydrochloride (cysteamine) 3.75 g, Pantothenic acid 0.55 g, Magnesium chloride 4.2 g, Magnesium aspartate 0.15 g.

Indications: prevention and treatment of muscle fatigue in sport horses. Prevention of ketosis in cattle.

Administration and dosage: by slow intravenous (IV) infusion.

Adult sport horses (ranging from 400 to 500 kg live weight): 10 ml.

Severe clinical conditions of muscle fatigue: 10 to 20 ml, every 12 hours.

Cattle:

Therapeutic dose: 20 ml diluted into 500 ml of 5% dextrose solution. Repeat every 12 hours until ruminal movements occur, reversing the symptoms of ketosis.

Preventive dose: 20 ml in the immediate postpartum period. Administer to dairy cows in production or in very good condition.

These doses and their repetition are subject to professional criteria.

Action: **Cistepan Burnet** exerts its action facilitating the incorporation of lactic acid into the oxidative cycle, reducing muscle fatigue in sport horses and ketosis in cattle by decreasing the accumulation of lactic acid.



COMPLEJO "B" B1 B6 B12

Vitamin complex

Injectable use

50 ml and 100 ml bottle



Composition: each 100 mL contains: Vitamin B1 5 g, Vitamin B2 50 mg, Vitamin B6 500 mg, Vitamin B12 20 mg, Nicotinamide 5 g, Choline chloride 1 g.

Indications: **Cattle:** complement in the treatment of downer cows in prolonged decubitus position. Anemia, asthenia, neuralgia, postpartum trauma.

Horses: treatment of neuralgia, neuritis and stress. Non-hormonal anabolic effect in the optimization of the physical condition of sport horses, in deficiency of group B vitamins. Invigorating and energizing action.

Pigs and sheep: deficiency of group B vitamins, stress, asthenia, anemia and anorexia.

Administration and dosage: by slow intravenous (IV) infusion or intramuscular (IM) route.

Cattle: 10 ml. **Horses:** 10 ml. **Pigs and sheep:** 5 ml. **Dogs:** 0.5 to 2 ml. **Cats:** 0.5 to 1 ml. Repeat the dose every 24 hours or according to professional criteria.



METABOLIC LINE



FÓSFORO 15-30 MAX B

Mineralizing action, restorative tonic
Phosphorus, glucose, B complex vitamins
Injectable use
100 ml bottle

Composition: each 100 mL contains: Monosodium phosphate 21.6 g, Disodium phosphate 450 mg, Glucose 10 g, Vitamin B1 50 mg, Vitamin B2 25 mg, Vitamin B6 100 mg, Vitamin B12 5 mg.

Indications: restorative tonic, vitamins. Prevention and control of hypophosphatemia.

Cattle: treatment of downer cow syndrome caused by hypophosphatemia. Supportive treatment of puerperal hypocalcemia and hypocalcemic tetany. Treatment of postpartum negative energy balance. Treatment of agalactia caused by phosphorus imbalance. Treatment of hemolytic anemia due to erythrocyte fragility in anaplasmosis or piroplasmiasis. Coxo-femoral osteochondrosis syndrome, articular pathologies due to chronic hypophosphatemia.

Horses: stimulation of the enzymatic activity of the glycolytic pathways accelerating the formation of ATP, enhancement of anaerobic glycolysis activity. Amelioration of energy metabolism producing an improvement in exercise performance, health and reproduction. It replenishes and maintains phosphocreatine as a source for anaerobic ATP production.

South American camelids, sheep, pigs and goats: fertility improvement in females and males in the breeding season (natural service or artificial insemination), lessening of transport stress and climate change effects, enhancement of hematopoiesis and immunity levels and resistance against various diseases, stimulation of nerve tissue regeneration, improvement of liver function, increased milk production, enhancement of weight gain, benefiting hair and wool production of optimum quality.

Poultry: improvement of energy metabolism, increased resistance to extreme conditions, reduction of transport stress and climate change effects. Improvement of the molting process, fertility, egg laying and quality of feathers and eggs.

Administration and dosage: by slow intravenous (IV) infusion or intramuscular (IM) route.

Cattle

Indicative dose: 10 ml by IM route.

Alert downer cows:

Preventive dose: 10 ml by IM route, 15 to 20 days before delivery.

Therapeutic dose: administer 100 ml diluted into 400 ml of **Power Shock** by slow IV infusion. If necessary, it is possible to repeat the treatment 12 hours after the first dose.

Improvement of reproductive efficiency:

At the end of the period between delivery and the first service (ideally, after 40 days postpartum): 10 ml by IM route. In cases of ovarian atrophy of nutritional origin, repeat after 30 days.

Supportive treatment in ketotic syndrome, hepatic coma with hyperammonemia and negative energy balance in the immediate postpartum period: 100 ml diluted into 400 ml of **Power Shock** by slow IV infusion.

Supportive treatment of puerperal hypocalcemia and hypocalcemic tetany: if after the usual treatment, a cow maintains a state of paresis or weakness in the hindquarters, administer 100 ml diluted into 400 ml of **Power Shock** by slow IV infusion. If necessary, it is possible to repeat the treatment 12 hours after the first dose.

Horses:

Improvement of reproductive efficiency:

10 ml by IV route, repeat every week during the breeding season, until completing five injections. The treatment is complementary to hormonal therapy.

Prophylaxis of muscle fatigue, as an activator of ATP synthesis, in sport horses: 10 ml by IV route and repeat the treatment every 48 hours for a total of five administrations. In sport horses, the treatment should be suspended two days before a competition.

Therapeutics for degenerative myopathy and rhabdomyolysis: administer 20 ml diluted into 400 ml of **Power Shock** by slow IV infusion. Repeat every 24 hours for five days. This treatment is compatible with other therapeutics for these pathologies.

South American camelids, sheep, pigs and goats:

Camelids: 8 to 10 ml by IM route, repeat after a week if necessary.

Sheep, pigs and goats: 5 ml by IM route, repeat after a week if necessary.

Poultry: Administer 0.5 to 1 ml per bird and repeat according to professional criteria.

Administer according to professional criteria.

METABOLIC LINE

FÓSFORO 15-30

Preventive supplement, mineral therapy, energetic tonic

Phosphorus and glucose

Injectable use

100 ml and 250 ml bottle



Composition: each 100 mL contains: Disodium phosphate 2.84 g, Monosodium phosphate 4.9 g, Glucose 5 g.

Indications:

Cattle: hypophosphatemia in alert and nonalert downer cows. Prevention and control of hypophosphatemia, deficit that causes a decrease in fertility and milk production. After hypocalcemia therapy, as muscle energizer. Anestrus and irregular estrus (heat prolonged for more than 24 days).

Horses: prevention of hypophosphatemia during training, overtraining, improvement of reproductive efficiency in stallions, bone pathologies, preparation of foals for sale.

Administration and dosage: by intramuscular (IM) or intravenous (IV) route.

Cattle: Establishments with high incidence of downer cows in parturition (> 2%): 20 ml by IM route, 20 days before calving to all periparturient cows (0.94 mg phosphorus per kg live weight for animals of 400 kg).

Infertility (anestrus, repetitive service, etc.): 20 ml by IM route, repeating 5 doses every 24 hours (0.94 mg phosphorus per kg live weight for animals of 400 kg).

Downer cows: 100 ml by slow IV infusion, either undiluted or diluted into 400 ml of dextrose solution (4.7 mg phosphorus per kg live weight for animals of 400 kg).

Horses: Overtraining in sport horses: 20 ml by IV route, repeating 5 doses every 24 hours.

Administer according to professional criteria.



G.E.F.A. TEHUELCHÉ

Rehydration and restoration

Intravenous use

500 ml bottle



Composition: each 500 mL contains: Glucose 12.5 g, Fructose 12.5 g, Sodium chloride 4.3 g, Potassium chloride 150 mg, Calcium chloride 240 mg, Magnesium chloride 100 mg, DL-methionine 750 mg, L-lysine HCl 800 mg, Arginine HCl 750 mg, L-cysteine HCl 250 mg, L-tryptophan 250 mg, L-histidine HCl 600 mg, L-leucine 600 mg, Glycine 1.8 g.

Indications: rehydration in case of shock or during the summer season. Detoxifying and energizing action. To provide energy and cell components consumed in sports efforts. To balance the METABOLISM acidosis produced during training or competitions. Blood volume correction in mild or severe dehydration thanks to water and electrolyte contribution. A complement to antidiarrheal treatments. As a carrier of intracellular minerals (potassium, magnesium and phosphates) and for therapeutic support during convalescence in downer cow, clinical and subclinical ketosis. Fluid and electrolyte supply during surgical interventions and the postoperative period. Treatment of hypovolemic shock or conditions that lead to hypovolemia.

Administration and dosage: by slow intravenous (IV) infusion.

Cattle: 500 ml

Calves: 1 ml per kg body weight. From 100 to 200 ml in cases of diarrhea to supply electrolytes, energy and amino acids.

Horses: 250 to 500 ml, and repeat until the disappearance of symptoms, according to professional criteria.

Sheep: 100 to 200 ml administered with a needle 20G x 1". In pregnancy toxemia and convalescent animals, the dose can be repeated after 12 hours, according to professional criteria.

Pigs: 200 ml administered in the ear vein with a needle 22G.

Dogs: 1 ml per kg body weight. From 30 to 50 ml to supply electrolytes, energy and amino acids, according to professional criteria.

Administer according to professional criteria.



METABOLIC LINE



HEPA-PRO TEHUELICHE

Hepatoprotectant, hepatic detoxicant
Injectable use
100 ml bottle



Composition: each 100 mL contains: Acetyl methionine 1.5 g, Cysteine HCl 500 mg, Arginine HCl 1.25 g, Ornithine HCl 1 g, Citrulline 750 mg, Choline chloride 1.5 g, Fructose 20 g.

Indications: lesion or compromise of hepatic parenchyma, acute or chronic liver failure of any etiology, toxic hepatitis, preventive treatment when potentially hepatotoxic drugs are used.

Administration and dosage:

Horses: 20 ml by intravenous (IV) route.

Cattle: 20 ml by deep intramuscular (IM) or intravenous (IV) routes.

Sheep and pigs: 10 ml by deep intramuscular (IM) route.

Canines and felines: 1 ml per 10 kg live weight by intramuscular (IM) route.

For all animal species, administer daily or according to professional criteria.

Administer according to professional criteria.

Action: Hepa-Pro Tehuelche has been designed including in its composition a group of amino acids involved in the urea cycle that also supplies methyl and sulfhydryl groups. The glucogenic power of fructose reinforces the anti-toxic effect. This special association of amino acids and fructose allows the simultaneous integral therapy of the most diverse acute or chronic hepatopathies.



PERFIL Ca

Osteogenesis stimulant
Injectable use
500 ml bottle



Composition: each 100 mL contains: Calcium gluconate 20 g, Calcium chloride 50 mg, Magnesium gluconate 1 g, Magnesium 1 mg, Glucose 6 g, Fructose 4.8 g, Boric acid 2.8 g, Potassium chloride 30 mg, Sodium 300 mg

Indications: hypocalcemia, hypomagnesemia, downer cow syndrome, hypomagnesemic tetany (grass tetany), acetonemia, acute disorders of calcium metabolism, bone lesions (osteodystrophy, bone fragility, etc.).

Administration and dosage: by subcutaneous (SC), intramuscular (IM) or intravenous (IV) route.

Preventive doses:

Cattle and horses: 100 ml

Calves, foals, sheep, goats and pigs: 25 ml

Lambs and kids: 5 ml

Therapeutic doses:

Cattle and horses: 250 to 500 ml

Calves, foals, sheep, goats and pigs: 50 to 100 ml

Lambs and kids: 10 to 20 ml

Administer according to professional criteria.



POWER SHOCK

Energy balance solution
Injectable use
400 ml bottle



Composition: each 100 mL contains: Anhydrous glucose 12 g, Fructose 6 g, Sorbitol 2.4 g.

Indications: hypertonic solution of glucose and fructose with sorbitol, diluent for the administration of medications. Hyperglycemic treatment.

Administration and dosage: exclusively by slow intravenous (IV) infusion.

It is a product for professional use. There is no specific dose. As an orientation, 400 ml can be given to an adult cow or horse. This dose can be modified according to professional criteria.

METABOLIC LINE

To administer magnesium, phosphorus or calcium, mix the contents of a **Power Shock** bottle with up to 100 ml of the product indicated by the professional.

In liver treatments, **Hepa-Pro Tehuelche** is recommended: mix the contents of a **Power Shock** bottle with this hepatoprotective product or the one indicated by the professional.

Administer according to professional criteria.

Contraindications: Diabetes. Dehydration.

Although active compounds are not toxic, in certain circumstances the increase of glucose in blood may cause alterations in the treated animal. Dose up to 50% excess can be considered safe



PREVENCAL

Colloidal calcium with amino acids, phosphorus and vitamins
Injectable use
250 ml and 500 ml bottle

Composition: each 100 mL contains: Anhydrous calcium chloride 1 g, Sodium oleate 3 g, Vitamin B12 10 mg, **Vitamin D2 10,000,000 I.U.**, Sodium glycerophosphate 3 g, Zinc glycerophosphate 120 mg, Cobalt chloride dihydrate 20 mg, Copper gluconate dihydrate 145 mg, DL-methionine 0.75 mg, Lysine HCl 0.8 mg, Arginine HCl 0.75 mg, Cysteine HCl 0.25 mg, L-tryptophan 0.25 mg, Histidine HCl 0.6 mg, L-leucine 0.6 mg, Glycine 1.8 mg.

Indications: prevention of calcium and phosphorus deficiencies. Fertility and pregnancy disorders, to correct the physiological weariness caused by services and pregnancy. Prevention of rickets in young animals.

Administration and dosage: by subcutaneous (SC) or intramuscular (IM) route.

It can be administered together with other treatments.

Preventive doses:

Cattle and horses: 10 ml. It can be repeated after 30 to 60 days.

Sheep, pigs and goats: 5 ml. It can be repeated after 30 to 60 days.

Therapeutic doses:

Cattle and horses: 30 ml. It can be repeated every 48 hours.

Sheep, pigs and goats: 15 ml. It can be repeated every 48 hours.

Administer according to professional criteria.

Action: therapeutic calcium complex with amino acids, vitamins and mineral trace elements, that provides a balanced administration of high therapeutic value since complexed calcium, phosphorus and trace elements are incorporated in a high percentage simultaneously with the amino acids.



PREVENCAL LANAR

Colloidal calcium with amino acids, phosphorus and vitamins
Injectable use
250 ml and 500 ml bottle



Composition: each 100 mL contains: Anhydrous calcium chloride 1 g, Sodium oleate 3 g, Vitamin B12 10 mg, **Vitamin D2 10,000,000 I.U.**, Sodium glycerophosphate 3 g, Zinc glycerophosphate 120 mg, Cobalt chloride dihydrate 20 mg, Copper gluconate dihydrate 145 mg, DL-methionine 0.75 mg, Lysine HCl 0.8 mg, Arginine HCl 0.75 mg, Cysteine HCl 0.25 mg, L-tryptophan 0.25 mg, Histidine HCl 0.6 mg, L-leucine 0.6 mg, Glycine 1.8 mg.

Indications: prevention of calcium and phosphorus deficiencies. Fertility and pregnancy disorders, to correct the physiological weariness caused by services and pregnancy. Prevention of rickets in young animals.

Administration and dosage: by subcutaneous (SC) or intramuscular (IM) route.

It can be administered together with other treatments.

Preventive dose:

Sheep and goats: 1 ml per 25 kg live weight. It can be repeated after 30 to 60 days.



METABOLIC LINE



Therapeutic dose:

Sheep and goats: 3 ml per 25 kg live weight. It can be repeated every 48 hours. The intensity and frequency of the treatment are subject to professional criteria.

PREVENCOB Mineralizing action Injectable use 250 ml bottle



Composition: each mL contain: Copper 25 mg (as cupric calcium edetate).

Indications: prevention and treatment of primary and secondary hypocuprosis in cattle. When nutrient malabsorption, weight loss, hair alterations (russet color), low milk production, osseous deficiencies or fractures are observed. Decrease fertility and births.

Administration and dosage: exclusively by subcutaneous (SC) route.

Cattle: 1 ml per 100 kg live weight, repeating the dose every 3 months. This dose can be doubled in highly deprived areas, according to professional criteria, distributing the dose at two injection sites if it exceeds 4 ml.

Administer according to professional criteria.



PREVENFOS Mineralizing action Phosphorus, selenium, vitamin E and magnesium Injectable use 500 ml bottle



Composition: each 100 mL contains: Vitamin E acetate 10 g, Sodium selenite 65 mg, Disodium phosphate 15.2 g, Monosodium phosphate 2.4 g, Magnesium phosphate 10 g.

Indications: promotion of fertility in males and females, both in dairy and breeding farms, reducing the intervals between births. Improvement of the reproductive status of pre-service females. Coadjuvant in alert and nonalert downer cows. To reduce reproductive problems due to normal negative energy balance in dairy cows, such as true anestrus, absence of ovulation and early embryonic death. In breeding cows with calf at foot, this product promotes the rapid exit of anestrus. Prevention of white muscle disease in calves. Prevention of dystrophia. Energizing action.

Administration and dosage: by intramuscular (IM) or subcutaneous (SC) route.

Cattle: 1 ml per 25 kg live weight.

Breeding cows: administer 1 ml per 50 kg live weight.

The treatment can be repeated every 30 days, according to professional criteria.

Administer according to professional criteria.



PREVENMAG Prevention of hypomagnesemia, mineral supplement Injectable use 500 ml bottle



Composition: each 100 mL contains: Magnesium (as chloride hexahydrate) 1.195 g, Magnesium (as borogluconate) 2.025 g, Calcium (as chloride dihydrate) 0.068 g.

Indications: preventive treatment of acute and chronic hypomagnesemia. Improvement of general condition. Promoter of milk and fat production. Preventive treatment of hypomagnesemic hypocalcemia during the prepartum period.

Administration and dosage: exclusively by subcutaneous (SC) route.

Cattle: 1 ml per 25 kg live weight, up to a maximum of 20 ml, in the neck and lifting the skin to avoid injecting into the muscle tissue. If possible, divide the dose into two injection sites.

Breeding cows: administer 1 ml per 50 kg live weight. The dose can be repeated after 45 to 60 days, or according to professional criteria based on the disease incidence in the area.

METABOLIC LINE

In zones of prevalent generalized calcosis (usually confused with Entequ seco or Enzootic Calcosis), repeat the treatment every 60 days.

Do not administer until 15 days after administering oil-based vaccines.

Administer according to professional criteria.

PREVENREC

Prevention of relapses in downer cow syndrome
Injectable use
500 ml bottle



Composition: each 100 mL contains: Calcium propionate 6.12 g, Calcium gluconate 4.45 g, Calcium chloride dihydrate 0.9 g, Calcium glutamate 1.11 g, Sodium glycerophosphate 3.6 g, Fructose 2.5 g, Glucose 5 g, Sorbitol 1 g, Magnesium hypophosphite 50 mg, Phenol 0.75 g.

Indications: to prevent relapses of downer cow syndrome, as a subsequent treatment even if the cow has responded to the specific therapy and has stood up.

Administration and dosage: by subcutaneous (SC) route.

100 ml distributed in two or three injection sites.

Administer according to professional criteria.



PREVENRET

Prevention of placental retention
Injectable use
240 ml bottle



Composition: each 100 mL contains: Calcium chloride 6.9 g, Calcium lactate 13.1 g, Calcium propionate 7.95 g, Magnesium chloride hexahydrate 205 mg, Sodium selenite 37.5 mg, Vitamin E 0.5 g (equivalent to 500 I.U.).

Indications: curative and preventive treatment of calcium, magnesium, selenium and vitamin E deficiencies. Preventive treatment of metritis and mastitis, prophylaxis of uterine inertia (slow labor). Preventive treatment of placenta or lochia retention.

Administration and dosage: by intramuscular (IM) route.

Administer 20 ml, from 20 to 5 days before delivery.

Administer 10 ml in breeding cows.

Administer according to professional criteria.



ZINCRON

Mineralizing action
Injectable use
500 ml bottle



Composition: each 100 mL contains: Copper edetate 2.92 g, Zinc oxide 1.25 g, Manganous hypophosphite 0.925 g.

Indications: prevention and treatment of primary deficiencies in copper, zinc, manganese, or secondary deficiencies caused by excess of molybdenum, sulfur, iron or other minerals present in the ingested food (forage and water). These deficiencies result in loss of hair pigmentation (achromotrichia), anemia, diarrhea, joint deformations, spontaneous fractures in calves, loss of body condition, and sudden death caused by heart failure in adult animals. **Zincron** is also recommended to achieve better body weight gain in deficient Cu-Zn-Mn herds.

Administration and dosage: by subcutaneous (SC) route.

Cattle:

Calves (up to 200 kg live weight): 1ml per 50 kg live weight.

Steers, heifers, cows and bulls: 5 ml, single dose.

Administer according to professional criteria.



HORMONAL AND SPECIFIC TREATMENTS



BIGGLAND

Hormonal therapy - Synthetic prostaglandin

Injectable use

Case with 6 bottles of 2 ml

10 jars of 2 ml and 20 ml bottle



Composition: each mL contain: Prostaglandin F2alpha synthetic analogue: 75 µg of D(+)-Cloprostenol.

Indications:

Estrus synchronization: the synchronization of the estrous cycle helps to increase efficiency under certain operational conditions by allowing the correct estrus detection and facilitating the use of artificial insemination to achieve genetic improvements, through the use of superior bulls, while facilitating venereal disease control. It also helps to program service and calving seasons, seasoning deliveries, thus achieving better yields, greater weaning weight, and a larger proportion of cyclic cows at the beginning of the next service.

Therapeutic use:

Abortion induction: in the first half of gestation, for example in very young heifers.

Pyometra due to retention of the corpus luteum: in chronic endometritis with a possible bacterial infection, antibiotic therapy will be considered.

Expulsion of mummified fetuses: the administration of **Biggland** will be followed by a delivery process with subsequent expulsion of the mummified fetus.

Silent estrus: animals can be treated with **Biggland** after determining the presence of the corpus luteum by rectal palpation.

Farrowing induction in sows: shortening of farrowing time due to better dilation of the cervix and greater myometrium contractility, especially in multiple births.

Administration and dosage: by intramuscular (IM) route.

Therapeutic use:

Cattle: 2 ml (0,15 mg) per animal, administer in the neck or the hindquarters.

Sheep: 0,5 ml (0,038 mg) per animal, administer in the hindquarters.

Pigs: 1 ml (0,075 mg) per animal, administer in the neck or the hindquarters.

Estrus synchronization:

Cattle and sheep: 2 doses with an interval of 11 days, followed by two inseminations performed between 72 and 96 hours after. Normal fertility results after the second **Biggland** dose administration.

Administer according to professional criteria.

Precautions: do not administer to pregnant females if you do not want to induce abortion. It is recommended not to induce abortion in animals that have completed the first half of gestation.

Biggland is absorbed through the skin, thus pregnant women, asthmatics, and persons with bronchial or other respiratory problems must take extreme precautions when handling this product. Wash immediately with plenty of soap and water if accidental skin contact occurs. In the event of bronchospasm, immediately administer by inhalation route a rapid-acting bronchodilator such as isoprenaline or salbutamol. Seek medical advice.

Action: **Biggland** produces morphological and functional regression of the corpus luteum (luteolysis), followed by estrus return, with normal ovulation, 2 to 4 days after treatment. Please note that in the period from ovulation to the 5-7 posterior days, the animals are refractory to treatment as luteolytic effects of prostaglandins have not manifested yet. With a wide therapeutic index, **Biggland** does not alter fertility and no undesirable effects have been reported on offspring conceived after treatment.

HORMONAL AND SPECIFIC TREATMENTS

CARMINATIVO TEHUELCHÉ

Antifoaming agent, magnesium and cobalt
Oral or intraruminal use
1 liter bottle



Composition: each 100 mL contains: Dimethylpolysiloxane 10 g, Magnesium chloride hexahydrate 0.2 g, Cobalt chloride hexahydrate 20 mg.

Indications: prevention and treatment of acute and chronic pasture bloat (gas and primary tympany [frothy bloat]) in cattle, sheep and horses. The maximum incidence of pasture bloat is observed in spring in pastures of alfalfa, clovers and other leguminous plants, due to gas bubbles generated during fermentation, producing abdominal distension and exerting pressure on the diaphragm, heart and lungs. If animals are not treated in time, they may eventually die of suffocation or shock. In horses, the disease is usually rapid and very serious, and can appear at any time.

Dimethylpolysiloxane reduces surface tension producing a rapid dissolution of the foam in the gastrointestinal tract, favouring rumination. Animals affected should be handled very carefully, since breathing capacity is seriously compromised.

Administration and dosage: by oral or intraruminal route.

Preventive treatment: directly dilute 100 ml of the product every 1,000 liters of drinking water. Repeat daily for at least one week.

Curative treatment: dilute 10 ml in 90 ml of water.

Accordingly, administer the following doses:

Cattle and Horses: 100 ml

Sheep: 25 ml

The dose can be administered orally (using feeding tube, syringe or bottle) or intraruminally (by puncture in the left flank using a long needle) and repeated every 6 hours, according to professional criteria and the severity of the clinical condition.

Precautions: shake before using. Administer according to professional criteria.



DEXAMETASONA BURNET

Gluconeogenic anti-inflammatory properties
Steroid with minimal mineralocorticoid action, 20 times more potent than prednisolone in its anti-inflammatory effect
Injectable use
Case with 12 bottles of 10 ml or 20 ml, 100 ml and 250 ml bottle.



Composition: each 100 mL contains: Dexamethasone 21-phosphate disodium 200 mg.

Indications: inflammatory processes of diverse non-infectious etiology. Ketosis, therapeutic support for downer cows. Parturition induction in cows and sheep. Hypersensitivity and allergies in small animals.

Administration and dosage: by intramuscular (IM) or intravenous (IV) route.

Cattle: 0.1 to 0.4 ml per 10 kg live weight, single dose; administer 10 ml in parturition induction.

Horses: 1.25 to 2.5 ml by IV route, for an animal in shock, with maintenance doses at 1, 3, 6 and 10 hour intervals, determined by the clinical condition. In prolonged treatment, the dose should be gradually reduced until discontinued.

Pigs: 0.1 to 0.4 ml per 10 kg live weight, single dose.

Sheep: 1 to 2 ml, single dose.

Dogs and cats: 0.5 to 1 ml per 10 kg live weight by IV or IM route, every 12 to 24 hours.

Shock dose in cases of spinal cord injury: 1.1 to 2.2 ml per kg live weight, by IV route.

Administer according to professional criteria.

Contraindications: congestive heart disease, renal dysfunction, diabetes, osteoporosis, cataracts or other eye diseases, and in pregnant females.

Action: dexamethasone is a steroid with minimal mineralocorticoid action, twenty times more potent than prednisolone.



HORMONAL AND SPECIFIC TREATMENTS



ESTIGOR T (export only) Fattening promoter, appetite stimulant Injectable use 10 ml, 100 ml and 250 ml bottle



Composition: each 100 mL contains: Testosterone propionate 1 g, Vitamin A palmitate 500,000 I.U., Vitamin D3 100,000 I.U., Vitamin E 5,000 I.U.

Indications: Fattening promoter and appetite stimulant. Higher weight gain in less time, increasing fixation of nitrogen and its transformation into proteins.

Administration and dosage: by subcutaneous (SC) or intramuscular (IM) route. In horses, intravenous (IV) route is recommended.

Cattle, horses, sheep and pigs:

Animals up to 200 kg: 5 ml

Animals over 200 kg: 1 ml per 50 kg live weight

The dose can be repeated after 45 to 60 days.

Administer according to professional criteria.

Precautions: do not administer to pregnant females or in reproduction. Do not use in dairy animals.



17 β ESTRADIOL BURNET

Natural estrogen
Placental retention and anestrus
Injectable use
Case with 20 bottles of 5 ml and 50 ml



Composition: each 100 mL contains: 17β-estradiol 100 mg.

Indications: placental retention, pyometra, postpartum anestrus, chronic endometritis with ovarian atrophy, estrus induction.

Administration and dosage: by intramuscular (IM) route.

Adult cow: Placental retention: 5 ml every 24 hours, for three days.

Pyometra: 7 ml every 24 hours, for three days.

Postpartum anestrus due to ovarian atrophy: administer a dose of 2 ml. Once heat is detected, administer a dose of GnRH.

Estrus induction: 24 hours after introduction of an intravaginal device, inject via I.M. 5 ml of 17 β Estradiol Burnet. Administer 1 ml 24 hours after withdrawal.

Chronic 2° and 3° degree endometritis with ovarian atrophy: administer 3 ml of 17 β Estradiol Burnet along with the first dose of intrauterine antibiotic.

Mares: Endometritis: 5 ml, for two days.

In all cases, antibiotic treatment should be prescribed if there is an infection; administration of Endometral is suggested.

Precautions: do not administer to pregnant females as it may cause abortion. Do not change doses or the duration of treatment, since prolonged use or excessive doses may cause the development of ovarian cysts. Do not administer to males.

Administer according to professional criteria.



FUREDEM Diuretic Injectable use 25 ml, 50 ml and 100 ml bottle



Composition: each mL contain: Furosemide 50 mg.

Indications: pulmonary edema, pulmonary congestion, ascites.

Cattle: edema of udder and associated structures.

Horses: noninflammatory edema, edema by poisoning, edema in wounds, laminitis, anasarca.

HORMONAL AND SPECIFIC TREATMENTS

Dogs and cats: treatment of edema (pulmonary edema, ascites) associated with heart failure and noninflammatory acute edema.

Administration and dosage: by intramuscular (IM) route or slow intravenous (IV) infusion.

Horses: 250 to 500 mg (5 to 10 ml), once or twice a day, at intervals not less than 6 or 8 hours.

Cattle: 250 mg (5 ml) every 12 hours; the treatment should not exceed 48 hours postpartum.

Dogs and cats: 12.5 to 25 mg (0.25 to 0.5 ml) per 5 kg of live weight, once or twice a day.

The treatment must be repeated until the edema disappears; if necessary, it can be established a maintenance therapy to prevent recurrence (for example, in heart failure).

Administer according to professional criteria.

Contraindications: do not administer to animals with acute glomerulonephritis, acute renal insufficiency, anuria, digitalis overdosing, severe liver cirrhosis, hypokalemia. This diuretic should be used with caution in disorders of micturition. Be careful with dosage as furosemide increases the action of antihypertensive drugs. Do not use it in combination with cephalosporins because cephalosporin nephrotoxicity may be favored. Combination with cephalosporins because cephalosporin nephrotoxicity may be favored.

FUREDEM D

Steroid diuretic, anti-inflammatory action
Injectable use
25 ml and 100 ml bottle



Composition: each 100 mL contains: Furosemide 5 g, Dexamethasone 21-phosphate sodium 50 mg.

Indications: edema of diverse origin in cattle, sheep and horses. Especially indicated in postpartum udder edema in cattle.

Administration and dosage: by intramuscular (IM) or subcutaneous (SC) route.

Cattle, horses and sheep: 0.5 ml per 20 kg of live weight is the general dose and it can be repeated after 24 hours. The duration of the treatment varies according to the clinical condition and, in general, two doses with an interval of 24 hours is sufficient.

Administer according to professional criteria.

Contraindications and precautions: aminoglycosides should not be administered together with furosemide because the nephrotoxic effects of aminoglycosides may be increased. Do not exceed the maximum treatment times indicated. Electrolyte imbalances must be corrected before initiating furosemide therapy. If during the treatment signs of electrolyte imbalance are observed, these should be corrected, restoring sodium and potassium ions. Furosemide can lower serum calcium and cause tetany in predisposed animals so it should be administered with caution in animals with a history of hypocalcemia. Treatment must be discontinued in case of progressive kidney disease with increased azotemia and oliguria. Do not administer to animals with severe liver disorders.

Warning: this product is not suitable for horses destined to human consumption.

LIDOCAÍNA BURNET

Anesthetic solution
Injectable use
100 ml bottle



Lidocaine is an effective anesthetic that provides rapid, prolonged and potent action. As local anesthetic, it shows optimal tolerance and rapid action. Injectable solution of 2% lidocaine for veterinary use.

Composition: each 100 mL contains: Lidocaine hydrochloride 2 g.

Indications: minor surgical procedures. Infiltrations and paravertebral, epidural, intrasynovial or intra-articular anesthesia. Differential diagnosis of claudications.

Administration and dosage: by intra-articular or intrasynovial route.



HORMONAL AND SPECIFIC TREATMENTS

Cattle, horses, pigs, sheep, dogs and cats: 3 mg per kg live weight, according to effect or intended action, species and surgical procedure.

Withdrawal time: do not administer to animals intended for human consumption within 72 hours before slaughter.

Precautions: do not administer by intravenous (IV) route.

MODIFICADOR PLUS HEMBRAS

Hormonal
Injectable use
50 ml bottle



Composition: each 100 mL contains: Micronized progesterone 5.

Indications: to suppress estrus or in replacement of surgical castration. To suppress estrus to avoid unwanted mating when for reasons of handling it is not possible to separate males and females. Coadjuvant of functional corpus luteum. To avoid embryonic death by luteal phase deficiency. To avoid abortion in pregnant cows in estrus. To avoid body weight loss during estrus. Embryo transfer. Ovarian cysts.

Administration and dosage:

Cattle:

To suppress estrus during puberty of females of any age: 2 to 3 ml. Use 3 ml if animals are moved to paddocks with leguminous pastures.

Subcutaneous (SC) injectable implantation at the base of the ear, into the lax tissue of the outer face. Avoid injecting into the fat or perforating the cartilage because, in this case, estrus suppression will not be achieved. Use 30x15 needle.

Alternative administration: 5 ml by intramuscular (IM) injection in the thigh, repeat every 30 days.

Reproductive pathophysiology: pregnant cows in heat between 3 to 5 months of gestation: 6 ml by IM route and repeat every 30 days until the sixth month of pregnancy.

Coadjuvant of luteal function: repeat breeding cows free of chronic or acute endometritis: 6 ml by IM route, on day 7 and 26 postinsemination. If pregnancy is achieved, repeat the dose every 30 days until the sixth month.

Embryo transfer: administer 6 ml by IM route simultaneously with embryo transfer and repeat 20 days after the first dose. This helps to increase the concentration of progesterone (P4), preventing early embryonic death.

Warning: the administration of this gestagen will not prevent the appearance of heat in those animals that, at the time of inoculation, were in the diestrus or proestrus phases of the first estrous cycle, which will have the complete estrus. When prolonged effect is required, the doses can be repeated. Upon completion of treatment, animals are again apt for service.

Horses:

To suppress estrus: 5 ml by IM in the neck, every 25 days. At the end of treatment, animals are again apt for service.

Treatment of ovarian cysts: 3 doses of 7 ml every 20 días.

Pigs and sheep:

To suppress estrus: females of any age in puberty: 2 ml by subcutaneous (SC) route.

If it is needed to prolong the effect, repeat after 25 days. At the end of treatment, animals are again apt for service.

Administer according to professional criteria.

Precautions: shake constantly during administration.

PRENOLON DEPOT

Anti-inflammatory action
Injectable use
Case with 12 bottles of 10 ml



Composition: each 100 mL contains: Methylprednisolone acetate 4 g.

HORMONAL AND SPECIFIC TREATMENTS

Indications: Horses: allergy, arthritis, bursitis, tendinitis, inflammation, lameness, rheumatism. To control nonspecific keratitis or minimize corneal vascularization and pigmentation after eye surgeries.

Dogs and cats: allergy, dermatitis, pruritus, inflammation, rheumatism and early treatment of spinal shock.

Administration and dosage: by intramuscular (IM), intra-articular or subconjunctival route.

Horses: 0.5 mg per kg live weight, intramuscular, once a week.

1 to 6 ml intra-articular, repeat according to professional criteria.

0.25 to 0.5 ml subconjunctival, once a week, for a maximum of 3 weeks.

Dogs: 1 mg per kg live weight, intramuscular, every 2 weeks.

Cats: 10 mg per animal in cats up to 3kg live weight, intramuscular, single dose.

20 mg per animal in cats that weigh more than 3 kg, intramuscular, single dose.

Administer according to professional criteria.

Precautions: do not administer to animals with liver, kidney or congestive heart failure, Cushing syndrome, gastric ulcer or pregnant females. Do not administer to animals with bacterial infection, without the appropriate concomitant treatment. The treatment must be discontinued if the appearance of marked polydipsia, polyuria or diarrhea is observed. Do not administer within 72 hours prior to sports competitions.

PROGERON

Hormonal therapy
Ovarian cyst treatment in cattle
Injectable use
50 ml bottle



Composition: each 100 mL contains: Progesterone 2,2 g.

Indications: therapeutic treatment for ovarian cysts, luteinized follicles, anovulatory heat, nymphomania, estrus induction programs.

Administration and dosage: by intramuscular (IM) route.

Cattle: 10 ml every 3 days, repeating 5 times.

Estrus induction program: 8 ml

Administer according to professional criteria.

Precautions: adhere to dose and treatment duration. Do not administer to males.



REGUNET ORAL BURNET

Diarrhea treatment
Oral suspension
1 liter bottle



Composition: each 100 mL contains: Phthalylsulfathiazole 2.5 g, Dihydrostreptomycin sulfate 0.5 g, Coffee charcoal 0.5 g.

Indications: control and treatment of neonatal diarrhea caused by different infectious agents in foals, calves and piglets. Symptomatic control of neonatal diarrhea complex in calves. Gastroenteritis in all animal species. Infectious processes, eating disorders and tympanism.

Administration and dosage: by oral route, using a syringe or dosing gun.

Horses: 300 to 500 ml.

Pigs, sheep, lambs and calves: 50 to 200 ml.

Dogs and cats: 10 to 40 ml, daily.

The dose depends on size, age and animal species, expected therapeutic action and professional criteria.

Administer according to professional criteria.

Withdrawal time: discontinue the treatment 10 days before slaughter. Do not administer to horses intended for human consumption.

Contraindications: do not administer to sheep and cattle with developed rumen.



HORMONAL AND SPECIFIC TREATMENTS

Precautions: do not administer to pregnant females in the third trimester of pregnancy. Do not administer to patients with liver disease or along with hepatotoxic agents.



CELMANET Additive - Prebiotic 1 and 5 litre plastic jerry cans



Composition: Contains hydro soluble hydrolysed yeast extract (rich supply of metabolites derived from the fermentation of *Saccharomyces cerevisiae*) 25% (p / v), vehicle q.s.p 100 ml.
Indications for use: Additive to be incorporated in food rations / feed or drinking water of: birds, pigs and ruminants, used by ruminal and intestine bacteria, providing a rich source of metabolites derived from soluble yeast ferments (monosaccharides, oligosaccharides and β -glucagon's) that allow a high absorption capacity to mycotoxins and thus, minimize the transfer of aflatoxins to milk. Improves intestine health. Improves ruminal fermentation and digestion, to achieve greater efficiency of balanced feed.

Administration and doses:

Milk cows: Calves in lactation 8 ml / animal / day

Lactation 14 ml / animal / day

Pre-fresh dry cows 28 ml / animal / day

Cattle: Pre-weaning 8 ml / animal / day

Development 12 ml / animal / day

Fattening 12 ml / animal / day

Cows 12 ml / animal / day

Pigs: Small pigs 2 ml / animal / day

Development / Completion 6 ml / animal / day

Brood stock 6 ml / animal / day

Birds: 0,25 ml/L of water

Goats: Small goats 2 ml / animal / day

Goats: 4 ml / animal / day

Sheep: Small sheep 4 ml/animal/day

Sheep: 8 ml/animal/day

All alimentation doses are indicated for production normal conditions. When some stress factors are present (heat, mycotoxins, pathogens) doses can high under veterinary recommendations.

Advice: Higher doses until 4 times more of the normal indications can be use in all species. Voluntary water disposal, and water temperature must not be higher than 21°C.

Contraindications: Does not have.



TANOXOL Hormonal therapy, growth promoter, anabolic effect Injectable use Case with 12 bottles of 10 ml



Composition: each 100 mL contains: Stanozolol 2.5 g, Vitamin B12 100 mg.

Indications: treatment of weakened animals when the therapeutic objective is to increase appetite, weight gain and increase muscle mass, achieving optimal physical conditions, without the negative androgenic effects of other anabolic agents. Weakness states resulting from illnesses, surgeries, trauma due to injuries, etc, are the clinical conditions expected to improve with this treatment. It is also indicated in processes of severe tissue damage that reduce protein reserves. Coadjuvant to specific supportive therapies, including nutritional ones, for which optimal results can be expected if adequate and balanced daily intake is provided. For these reasons, it is recommended for anorexia, weight loss, weakness, cachexia, trauma and aging.

Certain skin disorders that occur in old dogs (alopecia and some kinds of eczema) are caused by METABOLISM disorders due to negative nitrogen balance.

HORMONAL AND SPECIFIC TREATMENTS

Administration and dosage: by intramuscular (IM) route.

Small canines and felines: 0.5 ml once a week, during a month.

Large canines: 1 ml once a week, during a month.

Administer according to professional criteria.

Precautions: this product should not be administered to pregnant females or breeding animals. Sodium and water retention should be monitored in animals suffering from cardiac or renal disorders.

TIMPANET

Prevention of pasture bloat in cattle
Nonionic surfactant, carminative
10 liter Bucket



Composition: each 100 mL contains: Polyoxyethylene lauryl ether 25 g.

Indications: Carminative, prevention and treatment of meteorism (pasture bloat) caused by leguminous plants in cattle. Antifoaming agent and surfactant. The protection lasts 24 hours and it can be administered to dairy cows in production and cattle for meat. It leaves no residue in treated animals.

Administration and dosage: by oral route.

Cattle:

Indicative dose: 3.2 ml per 100 kg live weight, equivalent to 0.8 g of the active principle. The product can be incorporated into the drinking water directly into the tank, through dispensers attached to the waterline. It can also be applied directly by spraying pastures and the area that will be consumed by the batch of animals in 24 hours must be calculated. On average, it could be calculated that 1 hectare can accommodate 100 cattle of 300 kg. Example of calculation for a 1-hectare plot where 100 animals are fed during a day: number of heads x dose/area = $100 \times 9.6 \text{ ml/1 ha} = 960 \text{ ml/ha/day}$. The product can be diluted into 100 to 200 liters of water and spray with a pressure of 30 to 40 pounds/inch (small drops), trying to cover all the pasture. It is convenient to start spraying 2 to 3 days before introducing the animals. Administer according to professional criteria.

Precautions: avoid eye contact as it is a moderate irritant. Wash immediately with plenty of soap and water if accidental eye contact occurs. In case of accidental ingestion, supply water or milk. Do not induce vomiting. Carry out symptomatic treatment.



YODURO DE SODIO 60% BURNET

Actinomycosis and actinobacillosis treatment in cattle
Injectable use
50 ml bottle



Composition: each 100 mL contains: Sodium iodide 60 g.

Indications: treatment of actinomycosis and actinobacillosis in cattle. Effective against *Actinomyces bovis* and *Actinobacillus lignieresii*.

Administration and dosage: exclusively by intravenous (IV) route.

Cattle: 11 ml per 100 kg live weight, equivalent to 66 mg per kg live weight. Single-dose. If necessary, repeat after 10-14 days.

Administer according to professional criteria.

Contraindications: do not administer to females with advanced pregnancy, nor to animals with hyperthyroidism.

Intoxication: administer with caution to determine individual susceptibility to iodine. In case of symptoms of iodism (coryza, tearing, salivation, edema), discontinue administration. There is no specific antidote, if necessary apply symptomatic treatment.



ANTIPARASITIC TREATMENTS



ANTIPARASITARIO TEHUELCHÉ "A"

Internal antiparasitic treatment for cattle

Oral use

1 and 5 litre plastic jerry cans



Composition: each 100 mL contains: Albendazole 10 g, Cobalt sulfate heptahydrate 1.5 g.

Indications: antihelminth, larvicide and ovicidal activity against the following gastrointestinal and lung endoparasites in cattle: *Haemonchus contortus*, *Ostertagia ostertagi*, *Trichostrongylus*, *Cooperia oncophora*, *Bunostomum phlebotomum*, *Strongyloides papillosus*, *Nematodirus*, eggs, mature and immature forms of *Oesophagostomum*, *Dictyocaulus*, *Moniezia* (tapeworms) and mature forms of *Fasciola hepatica* (liver fluke, saguaypé).

Administration and dosage: by oral route.

Tapeworms, gastrointestinal and lung endoparasites: 5 ml per 100 kg live weight (5 mg/kg)

Larvae in hypobiotic arrested stage in ostertagiosis: 7.5 ml per 100 kg live weight (7.5 mg/kg)

Fasciola hepatica, mature forms: 10 ml per 100 kg live weight (10 mg/kg)

Do not administer to lactating cows or during the first 45 days of pregnancy.

Administer according to professional criteria.



ANTIPARASITARIO TEHUELCHÉ FF

Internal antiparasitic treatment for cattle, horses and sheep

Broad spectrum helminth control

Oral use

1 and 5 litre plastic jerry cans



Composition: each 100 mL contains: Fenbendazole 10 g.

Indications: antihelminth, larvicide and ovicidal activity against the following gastrointestinal and lung endoparasites: *Haemonchus contortus*, *Ostertagia ostertagi*, *Trichostrongylus*, *Cooperia oncophora*, *Bunostomum trigonocephalum*, *Nematodirus spathiger*, *Strongyloides papillosus*, *Oesophagostomum*, *Chabertia ovina*, *Dictyocaulus*, *Moniezia* (tapeworms) and mature forms of *Fasciola hepatica* (liver fluke, saguaypé).

Administration and dosage: by oral or intraruminal route.

1 ml per 20 kg live weight or 1.5 ml per 20 kg in cases of inhibited *Ostertagia*.

Iron or protein deficiency makes the antiparasitic action of fenbendazole less effective. Do not administer to animals during service season or first days of pregnancy.

Administer according to professional criteria.



BURNET[®]

Best Experience in Animal Health



Equine line

EQUINES LINE



CUATRIFECTA PASTA

Internal antiparasitic treatment for horses
Oral use
20 g and 40 g syringes

Composition: each 100 g contains: Fenbendazole 18.75 g, Trichlorfon 56.25 g, DL-methionine 1.8 g, Choline bitartrate 3 g.

Indications: treatment of the following endoparasites in adult horses, stallions, foals, breeding and pregnant mares, mules and donkeys: large strongyles (*Strongylus vulgaris*, *Strongylus edentatus*, *Strongylus equinus*, *Triodontophorus*), small strongyles (*Cyathostomum*), ascarids (*Parascaris equorum*), pinworms (*Oxyuris equi*) and horse bot flies (*Gasterophilus nasalis*, *Gasterophilus intestinalis*).

Administration and dosage: by oral route.

4 grams per 100 kg of live weight (one 20 gram syringe per 500 kg of live weight).

Calculate the weight of the animal and adjust the dose, according to the scale marked on the syringe. Remove the cap and insert the syringe into the oral cavity at the level of the interalveolar channel, orientating it towards the bottom of the tongue as far back as possible, and deliver the dose quickly onto the tongue. Avoid doing so on the cheeks and teeth or under the tongue. Keep the head of the animal raised until the product has been swallowed and then give the animal water to drink.

In fields with heavy parasite burden, reinfestation is very likely, therefore it is convenient to repeat the treatment.

Administer according to professional criteria.

Recommendations: do not administer to convalescent horses recovering from infectious diseases, diarrhea, constipation or colics until the animal is recovered. Administer the dose 30 to 60 minutes after the animals have eaten. The oral cavity should be free of food before administering **Cuatrifecta** to prevent the animal from rejecting the medication. Do not administer to pregnant mares in the third trimester of pregnancy unless absolutely necessary and subject to professional criteria. Due to its content in trichlorfon, **Cuatrifecta** should be avoided before and after administration of organophosphorus compounds or similar cholinesterase inhibitor drugs. Handle this product carefully and do not eat, drink or smoke during dosing. Keep **Cuatrifecta** out of reach of children and pets and away from food and personal hygiene products. Once used, destroy the container.

Intoxication: in case of possible intoxication, call your doctor or seek medical help and show the container label. Symptoms are salivation, sweating, nausea, vomiting, diarrhea, pupillary contraction, pulmonary edema, cyanosis and coma. The antidote is 0.1% atropine, injecting 3 ml with intervals of 1 to 2 hours until the symptoms disappear. Do not administer morphine.



IVERMECTINA EQUINA 1,2%

Internal parasiticide, endectocide for horses
Oral use
10 g and 34 g syringes

Composition: each 100 g contains: Ivermectin 1.2 g.

Indications: treatment and control of endoparasites and ectoparasites in horses: *Strongylus vulgaris*, *Oxyuris equi*, *Parascaris equorum*, *Trichostrongylus axei*, *Habronema*, *Gasterophilus*, *Dictyocaulus arnfieldi*.

Sensitive ectoparasites include mosquitoes, tabanids and scabies-producing mites.

Administration and dosage: by oral route.

The suggested dose is 1.67 g of product per 100 kg of live weight, equivalent to 200 µg ivermectin per kg of live weight.

Insert the end of the cannula directly into the oral cavity. The graduated syringes have marks every 100 kg, up to 600 kg of live weight.

The dose can be repeated after 3 to 4 months, depending on parasite burden and according to professional criteria.

Do not administer to stressed animals or in poor conditions.

Administer according to professional criteria.



EQUINES LINE

ANTIPARASITARIO TEHUELCHÉ FF

Internal antiparasitic treatment for cattle, horses and sheep

Broad spectrum helminth control

Oral use

1 and 5 litre plastic jerry cans

Composition: each 100 mL contains: Fenbendazole 10 g.

Indications: antihelminth, larvicide and ovicidal activity against the following gastrointestinal and lung endoparasites: *Haemonchus contortus*, *Ostertagia ostertagi*, *Trichostrongylus*, *Cooperia oncophora*, *Bunostomum trigonocephalum*, *Nematodirus spathiger*, *Strongyloides papillosus*, *Oesophagostomum*, *Chabertia ovina*, *Dictyocaulus*, *Moniezia* (tapeworms) and mature forms of *Fasciola hepatica* (liver fluke, saguaypé).

Administration and dosage: by oral or intraruminal route.

1 ml per 20 kg live weight or 1.5 ml per 20 kg in cases of inhibited *Ostertagia*.

Iron or protein deficiency makes the antiparasitic action of fenbendazole less effective. Do not administer to animals during service season or first days of pregnancy.

Administer according to professional criteria.

BIRMICINA E25

Streptomycin 25%

Antibiotic

Injectable use

Case with 6 bottles of 40 ml

Composition: each 100 mL contains: Streptomycin sulfate 25 g.

Indications: **Cattle, horses, sheep, pigs:** treatment of colibacillosis, neonatal diarrhea, salmonellosis, pasteurellosis, actinomycosis, actinobacillosis. Infections caused by *Klebsiella* and *Haemophilus*. Shigellosis in foals. Hemorrhagic dysentery and necrotic diarrhea in pigs, nonspecific enteritis, omphalophlebitis and many infections caused by *Trueperella pyogenes* (known as *Actinomyces pyogenes*). Acute, subacute and chronic leptospirosis. Treatment of choice in genital vibriosis (*Campylobacter fetus*), in both bulls and cows.

Administration and dosage: deep intramuscular (IM) injection (if possible distributed), every 12 hours and according to the severity of the clinical condition.

Uncomplicated clinical cases: 10 mg per kg live weight. Leptospirosis and genital vibriosis: 25-30 mg per kg live weight.

In genital vibriosis, in addition to parenteral administration, wash the prepuce of the bull with 5 ml of product, massaging vigorously for 5 minutes. To treat cows, perform an intrauterine infusion of one bottle of Birmicina E25 diluted into 50 to 150 ml sterile physiological solution, repeating for 3 days.

Administer according to professional criteria.

Action: streptomycin sulfate is an aminoglycoside antibiotic especially active against Gram negative and Gram positive microorganisms. It diffuses rapidly throughout the body, even reaching the aqueous and vitreous humours. It easily crosses the placenta and reaches the amniotic fluid and fetal blood, in which almost half of the concentration present in the maternal blood is achieved.

BIRMICINA PLUS

Penicillin G 5,000,000 I.U.

Streptomycin

Broad-spectrum antibiotic

Injectable use

Case with 6 bottles with powder and 6 diluent bottles

Composition: **Each bottle with powder contains:** Benzathine penicillin G 2,500,000 I.U., Sodium penicillin G 2,500,000 I.U., Streptomycin sulfate 2 g.

Each bottle with diluent contains: 16 ml.



EQUINES LINE



Indications: **Cattle, horses, sheep, pigs and dogs:** treatment of infectious processes caused by microorganisms sensitive to the association penicillin / streptomycin. Pneumonia, bronchopneumonia, enzootic pneumonia in calves, metritis, mastitis, nephritis, pyelonephritis, cystitis, hepatitis, septicemia, carbuncle, leptospirosis, tetanus, equine adenitis, abscesses, actinomycosis and sensitive microorganisms associated, acute or chronic systemic diseases in canines.

Administration and dosage: by deep intramuscular (IM) route.

Indicative doses:

Cattle and horses: 5,000,000 I.U. (16 ml)

Sheep and pigs: 2,500,000 I.U. (8 ml)

Canines: 1,500,000 – 2,500,000 I.U. (5 to 8 ml)

Administer according to professional criteria.

CARBUNET



Vaccine for the prevention of Anthrax Sterne strain
50 ml, 100 ml and 250 ml bottle

Composition: Contains live spores of *Bacillus anthracis*, Sterne strain (9×10^6 spores viable/ml).

Administration and dosage: Administer subcutaneously.

Cattle and Equines: 2 ml.

Sheep and pigs: 1 ml.

Vaccinate from three months of age and then annually, to achieve immunity sustained.

Precautions: Shake before use. Use the entire contents of the bottle once opened.

CARMINATIVO TEHUELCHÉ



Antifoaming agent, magnesium and cobalt
Oral or intraruminal use
1 liter bottle

Composition: each 100 mL contains: Dimethylpolysiloxane 10 g, Magnesium chloride hexahydrate 0.2 g, Cobalt chloride hexahydrate 20 mg.

Indications: prevention and treatment of acute and chronic pasture bloat (gas and primary tympany [frothy bloat]) in cattle, sheep and horses. The maximum incidence of pasture bloat is observed in spring in pastures of alfalfa, clovers and other leguminous plants, due to gas bubbles generated during fermentation, producing abdominal distension and exerting pressure on the diaphragm, heart and lungs. If animals are not treated in time, they may eventually die of suffocation or shock. In horses, the disease is usually rapid and very serious, and can appear at any time.

Dimethylpolysiloxane reduces surface tension producing a rapid dissolution of the foam in the gastrointestinal tract, favouring rumination. Animals affected should be handled very carefully, since breathing capacity is seriously compromised.

Administration and dosage: by oral or intraruminal route.

Preventive treatment: directly dilute 100 ml of the product every 1,000 liters of drinking water. Repeat daily for at least one week.

Curative treatment: dilute 10 ml in 90 ml of water.

Accordingly, administer the following doses:

Cattle: 100 ml

Horses: 100 ml

Sheep: 25 ml

The dose can be administered orally (using feeding tube, syringe or bottle) or intraruminally (by puncture in the left flank using a long needle) and repeated every 6 hours, according to professional criteria and the severity of the clinical condition.

Precautions: shake before using.

Administer according to professional criteria.



EQUINES LINE

CEEF-ON

Restorative effect on cellular metabolism, regulation of the internal environment

Detoxifying and energizing action

Intravenous use

500 ml bottle



Composition: each 100 mL contains: Magnesium aspartate 200 mg, L-arginine HCl 300 mg, L-cysteine HCl 100 mg, Glycine 750 mg, L-histidine HCl 250 mg, L-leucine HCl 250 mg, Lysine HCl 300 mg, DL-methionine 300 mg, L-tryptophan HCl 100 mg, L-valine 250 mg, Glucose monohydrate 5 g, Fructose monohydrate 5 g, Vitamin B2 phosphate 50 mg, Vitamin B6 HCl 100 mg, Vitamin B12 1 mg, Nicotinamide 200 mg, Vitamin C 200 mg, Calcium chloride 100 mg, Sodium chloride 1.75 g, Potassium chloride anhydrous 200 mg, Magnesium chloride hexahydrate 50 mg.

Indications: for a powerful restoration of the internal environment. **Ceef-On** acts as a pH regulator when used after training or competitions. Detoxifying and restorative action in cases of diarrhea, shock or dehydration. Coadjuvant in the treatment of downer cow syndrome (cattle recumbency). Weekly treatments for exhausted or overtrained animals. With antithermic and moisturizing effect for the summer season. Supplement in deficiency treatments.

Administration and dosage: by slow intravenous (IV) infusion.

It can also be incorporated into physiological solution in slow IV infusions.

Horses: 50 to 100 ml after training, 250 ml after competitions. In serial treatment, administer 50 ml per day for 5 days, rest a week and repeat the treatment as many times as necessary.

Cattle: 100 to 250 ml after transport or herding, 250 to 500 ml in severe intoxication, dehydration, inappetence, ketosis. Serial treatment: 50 ml daily, according to professional criteria, for the preparation of pedigree animals.

Pigs, sheep and goats: 50 to 250 ml, according to professional criteria.

Dogs and cats: 20 to 100 ml. Repeat the treatment as many times as necessary, according to professional criteria.

Administer according to professional criteria.



CISTEPAN BURNET

Prevention and treatment of muscle fatigue

Injectable use

100 ml bottle



Composition: each 100 mL contains: Mercaptamine hydrochloride (cysteamine) 3.75 g, Pantothenic acid 0.55 g, Magnesium chloride 4.2 g, Magnesium aspartate 0.15 g.

Indications: prevention and treatment of muscle fatigue in sport horses. Prevention of ketosis in cattle.

Administration and dosage: by slow intravenous (IV) infusion.

Adult sport horses (ranging from 400 to 500 kg live weight): 10 ml.

Severe clinical conditions of muscle fatigue: 10 to 20 ml, every 12 hours.

Cattle:

Therapeutic dose: 20 ml diluted into 500 ml of 5% dextrose solution. Repeat every 12 hours until ruminal movements occur, reversing the symptoms of ketosis.

Preventive dose: 20 ml in the immediate postpartum period. Administer to dairy cows in production or in very good condition.

These doses and their repetition are subject to professional criteria.

Action: **Cistepan Burnet** exerts its action facilitating the incorporation of lactic acid into the oxidative cycle, reducing muscle fatigue in sport horses and ketosis in cattle by decreasing the accumulation of lactic acid.



EQUINES LINE

COMPLEJO "B" B1 B6 B12

Vitamin complex
Injectable use
50 ml and 100 ml bottle



Composition: each 100 mL contains: Vitamin B1 5 g, Vitamin B2 50 mg, Vitamin B6 500 mg, Vitamin B12 20 mg, Nicotinamide 5 g, Choline chloride 1 g.

Indications:

Cattle: complement in the treatment of downer cows in prolonged decubitus position. Anemia, asthenia, neuralgia, postpartum trauma.

Horses: treatment of neuralgia, neuritis and stress. Non-hormonal anabolic effect in the optimization of the physical condition of sport horses, in deficiency of group B vitamins. Invigorating and energizing action.

Pigs and sheep: deficiency of group B vitamins, stress, asthenia, anemia and anorexia.

Administration and dosage: by slow intravenous (IV) infusion or intramuscular (IM) route.

Cattle and Horses: 10 ml

Pigs and sheep: 5 ml

Dogs: 0.5 to 2 ml

Cats: 0.5 to 1 ml

Repeat the dose every 24 hours or according to professional criteria.

DEXAMETASONA BURNET

Gluconeogenic anti-inflammatory properties
Steroid with minimal mineralocorticoid action, 20 times more potent than prednisolone in its anti-inflammatory effect
Injectable use
Case with 12 bottles of 10 ml or 20 ml, 100 ml and 250 ml bottle.



Composition: each 100 mL contains: Dexamethasone 21-phosphate disodium 200 mg.

Indications: inflammatory processes of diverse non-infectious etiology. Ketosis, therapeutic support for downer cows. Parturition induction in cows and sheep. Hypersensitivity and allergies in small animals.

Administration and dosage: by intramuscular (IM) or intravenous (IV) route.

Cattle: 0.1 to 0.4 ml per 10 kg live weight, single dose; administer 10 ml in parturition induction.

Horses: 1.25 to 2.5 ml by IV route, for an animal in shock, with maintenance doses at 1, 3, 6 and 10 hour intervals, determined by the clinical condition. In prolonged treatment, the dose should be gradually reduced until discontinued.

Pigs: 0.1 to 0.4 ml per 10 kg live weight, single dose.

Sheep: 1 to 2 ml, single dose.

Dogs and cats: 0.5 to 1 ml per 10 kg live weight by IV or IM route, every 12 to 24 hours.

Shock dose in cases of spinal cord injury: 1.1 to 2.2 ml per kg live weight, by IV route.

Administer according to professional criteria.

Contraindications: congestive heart disease, renal dysfunction, diabetes, osteoporosis, cataracts or other eye diseases, and in pregnant females.

Action: dexamethasone is a steroid with minimal mineralocorticoid action, twenty times more potent than prednisolone.



ENDOMETRAL

Gentamicin
Antibiotic
Intrauterine use
200 ml bottle



Composition: each 100 mL contains: Gentamicin sulfate 200 mg, Ethinyl estradiol 5 mg.

EQUINES LINE

Indications: treatment of acute and subacute metritis, 2nd and 3rd grade seropurulent endometritis without collect, intrauterine infusion in placental retention, infusion after the repositioning of uterine prolapse, cesarean delivery, dystocia.

Administration and dosage: intrauterine and deep vaginal infusion, performed with insemination pipette or catheter.

Repeat breeding cows: 7 days before the probable date of heat, perform an intrauterine infusion of 100 ml of the product with an insemination pipette. In 1st, 2nd and 3rd grade seropurulent endometritis without collect, infuse 200 ml, distributed in each uterine horn. Repeat the dose after 24 hours. Placental retention and other obstetric practices: infuse 200 ml with a Foley catheter or catheter of 44 cm with a 60 ml syringe adapter with urethral tip.

Mares with endometritis: administer daily 200 to 400 ml of sterile physiological solution, for 3 days, during heat.

Then follow this scheme:

1. Mares that did not conceive in a breeding season: 200 ml. Repeat after 24 hours.
2. Mares that did not conceive in two or three breeding seasons: 400 ml. Repeat after 24 hours.

Sheep and pigs: 50 to 100 ml, repeat if necessary.

Administer according to professional criteria.

Action: gentamicin is an aminoglycoside antibiotic with bactericidal activity against Gram negative and Gram positive microorganisms including some bacteria resistant to other aminoglycoside antibiotics such as neomycin, streptomycin and kanamycin.

ENDOMETRAL PLUS

Amoxicillin, Enrofloxacin

Antibiotic

Intrauterine use

1 syringe of 60 ml



Composition: each 100 mL contains: Amoxicillin base 3.335 g, Enrofloxacin 835 mg.

Indications: acute purulent endometritis, 2nd and 3rd grade chronic seropurulent endometritis, postabortion infections, placental retention, cesarean delivery, dystocia.

Administration and dosage: by intrauterine infusion.

Cattle and horses: it is convenient to administer over the end of heat or in the metoestrus. Infections are controlled within 15 to 20 days of medication. After this period, the animal will be in reproductive conditions suitable for natural service or artificial insemination.

Administer according to professional criteria.

Action: the combined formulation of **Endometral Plus** controls severe puerperal infections caused by *Streptococcus*, *Escherichia coli*, *Staphylococcus*, *Trueperella pyogenes* (formerly *Corynebacterium pyogenes*), *Proteus* and *Shigella*.

ESTIGOR T (export only)

Fattening promoter, appetite stimulant

Injectable use

10 ml, 100 ml and 250 ml bottle



Composition: each 100 mL contains: Testosterone propionate 1 g, Vitamin A palmitate 500,000 I.U., Vitamin D3 100,000 I.U., Vitamin E 5,000 I.U.

Indications: Fattening promoter and appetite stimulant. Higher weight gain in less time, increasing fixation of nitrogen and its transformation into proteins.

Administration and dosage: by subcutaneous (SC) or intramuscular (IM) route. In horses, intravenous (IV) route is recommended.

Cattle, horses, sheep and pigs:

Animals up to 200 kg: 5 ml

Animals over 200 kg: 1 ml per 50 kg live weight

The dose can be repeated after 45 to 60 days.

Administer according to professional criteria.



EQUINES LINE

Precautions: do not administer to pregnant females or in reproduction. Do not use in dairy animals.

17 β ESTRADIOL BURNET

Natural estrogen
Placental retention and anestrus
Injectable use
Case with 20 bottles of 5 ml and 50 ml



Composition: each 100 mL contains: 17 β -estradiol 100 mg.

Indications: placental retention, pyometra, postpartum anestrus, chronic endometritis with ovarian atrophy, estrus induction.

Administration and dosage: by intramuscular (IM) route.

Adult cow:

Placental retention: 5 ml every 24 hours, for three days.

Pyometra: 7 ml every 24 hours, for three days.

Postpartum anestrus due to ovarian atrophy: administer a dose of 2 ml. Once heat is detected, administer a dose of GnRH.

Estrus induction: 24 hours after introduction of an intravaginal device, inject via I.M. 5 ml of **17 β Estradiol Burnet**. Administer 1 ml 24 hours after withdrawal.

Chronic 2° and 3° degree endometritis with ovarian atrophy: administer 3 ml of **17 β Estradiol Burnet** along with the first dose of intrauterine antibiotic.

Mares: Endometritis: 5 ml, for two days.

In all cases, antibiotic treatment should be prescribed if there is an infection; administration of **Endometral** is suggested.

Precautions: do not administer to pregnant females as it may cause abortion. Do not change doses or the duration of treatment, since prolonged use or excessive doses may cause the development of ovarian cysts. Do not administer to males.

Administer according to professional criteria.

FÓSFORO 15-30 MAX B SPC

Mineralizing action, restorative tonic
Phosphorus, glucose, B complex vitamins
Injectable use
100 ml bottle



Composition: each 100 mL contains: Monosodium phosphate 21.6 g, Disodium phosphate 450 mg, Glucose 10 g, Vitamin B1 50 mg, Vitamin B2 25 mg, Vitamin B6 100 mg, Vitamin B12 5 mg.

Indications: restorative tonic, vitamins. Prevention and control of hypophosphatemia.

Cattle: treatment of downer cow syndrome caused by hypophosphatemia. Supportive treatment of puerperal hypocalcemia and hypocalcemic tetany. Treatment of postpartum negative energy balance. Treatment of agalactia caused by phosphorus imbalance. Treatment of hemolytic anemia due to erythrocyte fragility in anaplasmosis or piroplasmosis. Coxo-femoral osteochondrosis syndrome, articular pathologies due to chronic hypophosphatemia.

Horses: stimulation of the enzymatic activity of the glycolytic pathways accelerating the formation of ATP, enhancement of anaerobic glycolysis activity. Amelioration of energy metabolism producing an improvement in exercise performance, health and reproduction. It replenishes and maintains phosphocreatine as a source for anaerobic ATP production.

South American camelids, sheep, pigs and goats: fertility improvement in females and males in the breeding season (natural service or artificial insemination), lessening of transport stress and climate change effects, enhancement of hematopoiesis and immunity levels and resistance against various diseases, stimulation of nerve tissue regeneration, improvement of liver function, increased milk production, enhancement of weight gain, benefiting hair and wool

EQUINES LINE

production of optimum quality.

Poultry: improvement of energy metabolism, increased resistance to extreme conditions, reduction of transport stress and climate change effects. Improvement of the molting process, fertility, egg laying and quality of feathers and eggs.

Administration and dosage: by slow intravenous (IV) infusion or intramuscular (IM) route.

Cattle

Indicative dose: 10 ml by IM route.

Alert downer cows:

Preventive dose: 10 ml by IM route, 15 to 20 days before delivery.

Therapeutic dose: administer 100 ml diluted into 400 ml of **Power Shock** by slow IV infusion. If necessary, it is possible to repeat the treatment 12 hours after the first dose.

Improvement of reproductive efficiency:

At the end of the period between delivery and the first service (ideally, after 40 days postpartum): 10 ml by IM route. In cases of ovarian atrophy of nutritional origin, repeat after 30 days.

Supportive treatment in ketotic syndrome, hepatic coma with hyperammonemia and negative energy balance in the immediate postpartum period:

100 ml diluted into 400 ml of **Power Shock** by slow IV infusion.

Supportive treatment of puerperal hypocalcemia and hypocalcemic tetany:

if after the usual treatment, a cow maintains a state of paresis or weakness in the hindquarters, administer 100 ml diluted into 400 ml of **Power Shock** by slow IV infusion. If necessary, it is possible to repeat the treatment 12 hours after the first dose.

Horses: Improvement of reproductive efficiency:

10 ml by IV route, repeat every week during the breeding season, until completing five injections. The treatment is complementary to hormonal therapy.

Prophylaxis of muscle fatigue, as an activator of ATP synthesis, in sport horses:

10 ml by IV route and repeat the treatment every 48 hours for a total of five administrations. In sport horses, the treatment should be suspended two days before a competition.

Therapeutics for degenerative myopathy and rhabdomyolysis:

administer 20 ml diluted into 400 ml of **Power Shock** by slow IV infusion. Repeat every 24 hours for five days. This treatment is compatible with other therapeutics for these pathologies.

South American camelids, sheep, pigs and goats:

Camelids: 8 to 10 ml by IM route, repeat after a week if necessary.

Sheep, pigs and goats: 5 ml by IM route, repeat after a week if necessary.

Poultry:

Administer 0.5 to 1 ml per bird and repeat according to professional criteria.

Administer according to professional criteria.

FÓSFORO 15-30

Preventive supplement, mineral therapy, energetic tonic

Phosphorus and glucose

Injectable use

100 ml bottle



Composition: each 100 mL contains: Disodium phosphate 2.84 g, Monosodium phosphate 4.9 g, Glucose 5 g.

Indications:

Cattle: hypophosphatemia in alert and nonalert downer cows. Prevention and control of hypophosphatemia, deficit that causes a decrease in fertility and milk production. After hypocalcemia therapy, as muscle energizer. Anestrus and irregular estrus (heat prolonged for more than 24 days).

Horses: prevention of hypophosphatemia during training, overtraining, improvement of reproductive efficiency in stallions, bone pathologies, preparation of foals for sale.

Administration and dosage: by intramuscular (IM) or intravenous (IV) route.

Cattle:

Establishments with high incidence of downer cows in prepartum (> 2%):

20 ml by IM route, 20 days before calving to all periparturient cows (0.94 mg phosphorus per kg



EQUINES LINE



live weight for animals of 400 kg).

Infertility (anestrus, repetitive service, etc.): 20 ml by IM route, repeating 5 doses every 24 hours (0.94 mg phosphorus per kg live weight for animals of 400 kg).

Downer cows: 100 ml by slow IV infusion, either undiluted or diluted into 400 ml of dextrose solution (4.7 mg phosphorus per kg live weight for animals of 400 kg).

Horses: Overtraining in sport horses: 20 ml by IV route, repeating 5 doses every 24 hours. Administer according to professional criteria.

FUREDEM Diuretic Injectable use 25 ml, 50 ml and 100 ml bottle



Composition: each mL contain: Furosemide 50 mg.

Indications: pulmonary edema, pulmonary congestion, ascites.

Cattle: edema of udder and associated structures.

Horses: noninflammatory edema, edema by poisoning, edema in wounds, laminitis, anasarca.

Dogs and cats: treatment of edema (pulmonary edema, ascites) associated with heart failure and noninflammatory acute edema.

Administration and dosage: by intramuscular (IM) route or slow intravenous (IV) infusion.

Horses: 250 to 500 mg (5 to 10 ml), once or twice a day, at intervals not less than 6 or 8 hours.

Cattle: 250 mg (5 ml) every 12 hours; the treatment should not exceed 48 hours postpartum.

Dogs and cats: 12.5 to 25 mg (0.25 to 0.5 ml) per 5 kg of live weight, once or twice a day.

The treatment must be repeated until the edema disappears; if necessary, it can be established a maintenance therapy to prevent recurrence (for example, in heart failure).

Administer according to professional criteria.

Contraindications: do not administer to animals with acute glomerulonephritis, acute renal insufficiency, anuria, digitalis overdosing, severe liver cirrhosis, hypokalemia. This diuretic should be used with caution in disorders of micturition. Be careful with dosage as furosemide increases the action of antihypertensive drugs. Do not use it in combination with cephalosporins because cephalosporin nephrotoxicity may be favored.

FUREDEM D Steroid diuretic, anti-inflammatory action Injectable use 25 ml and 100 ml bottle



Composition: each 100 mL contains: Furosemide 5 g, Dexamethasone 21-phosphate sodium 50 mg.

Indications: edema of diverse origin in cattle, sheep and horses. Especially indicated in postpartum udder edema in cattle.

Administration and dosage: by intramuscular (IM) or subcutaneous (SC) route.

Cattle, horses and sheep: 0.5 ml per 20 kg of live weight is the general dose and it can be repeated after 24 hours. The duration of the treatment varies according to the clinical condition and, in general, two doses with an interval of 24 hours is sufficient.

Administer according to professional criteria.

Contraindications and precautions: aminoglycosides should not be administered together with furosemide because the nephrotoxic effects of aminoglycosides may be increased. Do not exceed the maximum treatment times indicated. Electrolyte imbalances must be corrected before initiating furosemide therapy. If during the treatment signs of electrolyte imbalance are observed, these should be corrected, restoring sodium and potassium ions. Furosemide can lower serum calcium and cause tetany in predisposed animals so it should be administered with caution in animals with a history of hypocalcemia. Treatment must be discontinued in case of progressive kidney disease with increased azotemia and oliguria. Do not administer to animals with severe liver disorders.

Warning: this product is not suitable for horses destined to human consumption.

EQUINES LINE

G.E.F.A. TEHUELCHÉ

Rehydration and restoration for sport horses

Intravenous use
500 ml bottle



Composition: each 500 mL contains: Glucose 12.5 g, Fructose 12.5 g, Sodium chloride 4.3 g, Potassium chloride 150 mg, Calcium chloride 240 mg, Magnesium chloride 100 mg, DL-methionine 750 mg, L-lysine HCl 800 mg, Arginine HCl 750 mg, L-cysteine HCl 250 mg, L-tryptophan 250 mg, L-histidine HCl 600 mg, L-leucine 600 mg, Glycine 1.8 g.

Indications: rehydration in case of shock or during the summer season. Detoxifying and energizing action. To provide energy and cell components consumed in sports efforts. To balance the METABOLISM acidosis produced during training or competitions. Blood volume correction in mild or severe dehydration thanks to water and electrolyte contribution. A complement to antidiarrheal treatments. Fluid and electrolyte supply during surgical interventions and the postoperative period. Treatment of hypovolemic shock or conditions that lead to hypovolemia.

Administration and dosage: by slow intravenous (IV) infusion.

Foals: 100 ml every 6 hours in severe diarrhea or significant dehydration, repeating until the disappearance of symptoms.

Adult horses: 250 ml immediately after training; 500 ml immediately after the competition.

Dose: Administer according to professional criteria.

Action: it is a balanced electrolyte solution that restores essential ions for the organism and provides a safe energy source with glucose and fructose incorporation. It has a remarkable antitoxic effect.

The addition of essential amino acids, the building blocks for protein biosynthesis, enhances the effect of this product in detoxification processes.



GELAZUL

Anti-inflammatory, analgesic,
anesthetic steroid treatment for horses

Massage gel
Local use

100 g, 250 g and 500 g jars



Composition: each 100 mL contains: Dexamethasone 10 mg, DMSO 5 g, Lidocaine HCl 2 g, Methyl salicylate 5 g, Camphor 1.5 g.

Indications: hematomas, tendinitis, distortion of joints, contusions, synovitis, arthritis, muscular and articular rheumatism in horses.

Administration and dosage: Spread a thin layer of gel over the affected area, massaging for 5 to 10 minutes, until completely absorbed. Repeat twice a day, depending on pain intensity, and according to professional criteria. Do not apply to wounds or irritated skin.

Administer according to professional criteria.

Action: analgesic, anesthetic and anti-inflammatory hydrogel of rapid absorption that accelerates resorption of edemas and hematomas. Prophylaxis of tendon weakness. Immediate and lasting action, eliminating local pain. **GELAZUL** enables an anti-inflammatory effect directly in the focus of the problem due to its easy absorption through the skin.



EQUINES LINE



GENTA-P Gentamicin, Polymyxin B Antibiotic Ophthalmic spray 200 ml bottle



Composition: each 100 mL contains: Gentamicin sulfate 500 mg, Polymyxin B sulfate 160,000 I.U., Gentian violet 50 mg, Proxymetacaine 500 mg, Diphenhydramine 5 mg, Benzalkonium chloride 200 mg; prolonged-release formulation.

Indications:

Common eye pathologies: keratoconjunctivitis, keratitis, conjunctivitis, blepharitis.

Prevention and treatment of skin lesions: cracked skin and excoriations, fresh wounds, castration, surgical incisions.

Foot conditions: foot rot (infectious pododermatitis), traumatic wounds.

Administration and dosage: topical application.

Cattle, horses, sheep, pigs and dogs: apply the spray to eyes from a distance of 15 cm.

Depending on the severity of the clinical condition, repeat once or twice a day until the disappearance of symptoms.

To treat foot rot, clean the hoof thoroughly before spraying abundantly and dress the affected area to allow the action of the medication.

Apply according to professional criteria.

Action: gentamicin is the antibiotic with the broadest spectrum among aminoglycosides. Polymyxin B is an excellent complement to gentamicin and it is very effective in treating eye infections, especially against *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella*, *Pasteurella*, *Salmonella* and most *Proteus*. Benzalkonium chloride facilitates the penetration of antibiotics by altering the permeability of the bacterial cell wall. It acts as bacteriostatic and has antifungal properties. Diphenhydramine is an antihistamine intended to mitigate the hypersensitivity

generated by histamine. Gentian violet is a skin antiseptic that acts selectively against Gram positive bacteria, especially *Staphylococcus*.

Proxymetacaine is an anesthetic indicated for ophthalmic use. **Genta-P** does not contain corticosteroids as they decrease natural defense of the injured eye promoting corneal perforation. Unlike aerosol sprays, **Genta-P** spray does not contain aerosol propellants, so it does not irritate injured eyes, making eye washing unnecessary and preserving the residual activity of the active ingredients. Finally, the modern dosing system provided with the product ensures an exact dosage of 1 cm³ with each 3 - 4 pulsations, allowing higher yield and considerable savings.



GENTAPEN 50 Penicillin G 5,000,000 I.U. Gentamicin, Dexamethasone, Vitamins B1, B2, B6, C Antibiotic, anti-inflammatory action, vitamins Injectable use Case with 6 bottles with powder and 6 diluent bottles



Composition: Each bottle with powder contains: Gentamicin 400 mg, Sodium penicillin G 2,000,000 I.U., Procaine penicillin G 1,000,000 I.U., Benzathine penicillin G 2,000,000 I.U., Dexamethasone 8 mg.

Each diluent bottle contains: Vitamin B1 40 mg, Vitamin B2 10 mg, Vitamin B6 10 mg, Vitamin C 2 g, in 15 ml.

Indications: bronchopulmonary, genitourinary and gastrointestinal tract infections. Prevention and treatment of acute and chronic metritis, pyometra, postabortion infections. Colibacillosis, local and generalized staphylococcal infections. Polyarthritis, cystitis, pyelonephritis and other infections caused by sensitive microorganisms and resistant to other antibiotics.

Administration and dosage: by intramuscular (IM) route.

The powder bottle must be reconstituted with the diluent liquid. Administer and dispose of surplus product. Do not administer more than 20 ml per injection site.

EQUINES LINE

Horses: 1 reconstituted bottle every 250 kg live weight.

Indicative doses:

Animals from 400 to 600 kg: 2 bottles

Animals from 125 to 350 kg: 1 bottle

Animals up to 125 kg: half a bottle

Canines and felines: 1.5 ml per 20 kg.

If necessary repeat until clinical remission, according to professional criteria, depending on the sensitive microorganism, the pathology and the evolution of the infection.

Administer according to professional criteria.

Action: the combination of gentamicin with penicillin has a remarkable bactericidal and bacteriostatic activity, allowing the treatment and control of most of the acute and chronic infectious diseases. The diluent has been designed to produce a powerful anti-stress effect, supporting the anti-inflammatory action of the dexamethasone and helping minimize side effects.

HEPA-PRO TEHUELCHÉ

Hepatoprotectant, hepatic detoxicant
Injectable use
100 ml bottle



Composition: each 100 mL contains: Acetyl methionine 1.5 g, Cysteine HCl 500 mg, Arginine HCl 1.25 g, Ornithine HCl 1 g, Citrulline 750 mg, Choline chloride 1.5 g, Fructose 20 g.

Indications: lesion or compromise of hepatic parenchyma, acute or chronic liver failure of any etiology, toxic hepatitis, preventive treatment when potentially hepatotoxic drugs are used.

Administration and dosage:

Horses: 20 ml by intravenous (IV) route.

Cattle: 20 ml by deep intramuscular (IM) or intravenous (IV) routes.

Sheep and pigs: 10 ml by deep intramuscular (IM) route.

Canines and felines: 1 ml per 10 kg live weight by intramuscular (IM) route.

For all animal species, administer daily or according to professional criteria.

Administer according to professional criteria.

Action: Hepa-Pro Tehuelche has been designed including in its composition a group of amino acids involved in the urea cycle that also supplies methyl and sulfhydryl groups. The glucogenic power of fructose reinforces the anti-toxic effect. This special association of amino acids and fructose allows the simultaneous integral therapy of the most diverse acute or chronic hepato-pathies.



MAXILINA L.A. INYECTABLE

Amoxicillin
Prolonged-release antibiotic
Injectable use
100 ml bottle



Composition: each 100 mL contains: Amoxicillin base 15 g.

Indications: this long-acting antibiotic is intended for the treatment of infectious diseases caused by microorganisms sensitive to amoxicillin, being effective against a broad spectrum of Gram negative bacteria such as *Pasteurella*, *Brucella*, *Fusobacterium*, *Haemophilus*, *Escherichia coli*, *Proteus mirabilis*, *Salmonella*, *Treponema*, *Moraxella* and Gram positive bacteria as *Bacillus anthracis*, *Erysipelothrix*, *Streptococcus*, *Staphylococcus*, *Clostridium* and *Corynebacterium*.

Maxilina L.A. is effective in the treatment of the following diseases: pneumonia, bronchopneumonia, pleuropneumonia, erysipelas, omphalophlebitis in neonatal animals, gas gangrene, enterotoxemia, malignant edema, botulism, tetanus, symptomatic anthrax, pyelonephritis, cystitis, pasteurellosis, brucellosis, mastitis, metritis, arthritis, purulent-necrotic lesions (local, disseminated or metastatic), salmonellosis, wounds, postpartum infections and all infections caused by opportunistic pathogens and microorganisms sensitive to amoxicillin.



EQUINES LINE

It is recommended for prevention of postoperative infections, administered before surgery.

Administration and dosage: exclusively by intramuscular (IM) route, using a needle with a diameter not less than 20 gauge.

Horses, dogs and cats: administer 1 ml per 10 kg of live weight, regardless of animal species and age, equivalent to 15 mg amoxicillin per kg of live weight.

This dose can be repeated after 48 hours, according to professional criteria.

When the dose in horses exceeds 15 ml, it is recommended to divide it into two or three injection sites.

Administer according to professional criteria.

Action: amoxicillin base, in an exclusive formula, promotes a prompt therapeutic response for 3 to 5 days.

Precautions: the product is not toxic at the dose indicated. Hypersensitivity reactions may occur, being common manifestations: skin reactions, angioedema, drug-related fever, eosinophilia and anaphylaxis. In case of any allergic reaction, administer epinephrine or equivalent. Do not administer to animals with a history of amoxicillin allergy. Given the broad spectrum of amoxicillin, it acts not only against pathogenic microorganisms but also against the normal gut microbiota. The degree of intestinal dysbacteriosis (alterations of the gut microbiome balance) depends on the dose, duration of treatment, the composition of the gut microbiota and antibiotic sensitivity. Administer according to professional criteria.

MODIFICADOR PLUS HEMBRAS

**Hormonal
Injectable use
50 ml bottle**



Composition: each 100 mL contains: Micronized progesterone 5 g.

Indications: to suppress estrus or in replacement of surgical castration. To suppress estrus to avoid unwanted mating when for reasons of handling it is not possible to separate males and females. Coadjuvant of functional corpus luteum. To avoid embryonic death by luteal phase deficiency. To avoid abortion in pregnant cows in estrus. To avoid body weight loss during estrus. Embryo transfer. Ovarian cysts.

Administration and dosage:

Cattle: To suppress estrus during puberty of females of any age: 2 to 3 ml. Use 3 ml if animals are moved to paddocks with leguminous pastures.

Subcutaneous (SC) injectable implantation at the base of the ear, into the lax tissue of the outer face. Avoid injecting into the fat or perforating the cartilage because, in this case, estrus suppression will not be achieved. Use 30x15 needle.

Alternative administration: 5 ml by intramuscular (IM) injection in the thigh, repeat every 30 days.

Reproductive pathophysiology: pregnant cows in heat between 3 to 5 months of gestation: 6 ml by IM route and repeat every 30 days until the sixth month of pregnancy.

Coadjuvant of luteal function: repeat breeding cows free of chronic or acute endometritis: 6 ml by IM route, on day 7 and 26 postinsemination. If pregnancy is achieved, repeat the dose every 30 days until the sixth month.

Embryo transfer: administer 6 ml by IM route simultaneously with embryo transfer and repeat 20 days after the first dose. This helps to increase the concentration of progesterone (P4), preventing early embryonic death.

Warning: the administration of this gestagen will not prevent the appearance of heat in those animals that, at the time of inoculation, were in the diestrus or proestrus phases of the first estrous cycle, which will have the complete estrus. When prolonged effect is required, the doses can be repeated. Upon completion of treatment, animals are again apt for service.

Horses: To suppress estrus: 5 ml by IM in the neck, every 25 days. At the end of treatment, animals are again apt for service.

Treatment of ovarian cysts: 3 doses of 7 ml every 20 días.

Pigs and sheep:

To suppress estrus: females of any age in puberty: 2 ml by subcutaneous (SC) route.

If it is needed to prolong the effect, repeat after 25 days. At the end of treatment, animals are again apt for service.



EQUINES LINE

Administer according to professional criteria.

Precautions: shake constantly during administration.

PERFIL Ca

Osteogenesis stimulant
Injectable use
500 ml bottle



Composition: each 100 mL contains: Calcium gluconate 20 g, Calcium chloride 50 mg, Magnesium gluconate 1 g, Magnesium 1 mg, Glucose 6 g, Fructose 4.8 g, Boric acid 2.8 g, Potassium chloride 30 mg, Sodium 300 mg.

Indications: hypocalcemia, hypomagnesemia, downer cow syndrome, hypomagnesemic tetany (grass tetany), acetonemia, acute disorders of calcium metabolism, bone lesions (osteodystrophy, bone fragility, etc.).

Administration and dosage: by subcutaneous (SC), intramuscular (IM) or intravenous (IV) route.

Preventive doses:

Cattle and horses: 100 ml

Calves, foals, sheep, goats and pigs: 25 ml

Lambs and kids: 5 ml

Therapeutic doses:

Cattle and horses: 250 to 500 ml

Calves, foals, sheep, goats and pigs: 50 to 100 ml

Lambs and kids: 10 to 20 ml

Administer according to professional criteria.

POWER SHOCK

Energy balance solution
Injectable use
400 ml bottle



Composition: each 100 mL contains: Anhydrous glucose 12 g, Fructose 6 g, Sorbitol 2.4 g.

Indications: hypertonic solution of glucose and fructose with sorbitol, diluent for the administration of medications. Hyperglycemic treatment.

Administration and dosage: exclusively by slow intravenous (IV) infusion.

It is a product for professional use. There is no specific dose. As an orientation, 400 ml can be given to an adult cow or horse. This dose can be modified according to professional criteria.

To administer magnesium, phosphorus or calcium, mix the contents of a **Power Shock** bottle with up to 100 ml of the product indicated by the professional.

In liver treatments, **Hepa-Pro Tehuelche** is recommended: mix the contents of a **Power Shock** bottle with this hepatoprotective product or the one indicated by the professional.

Administer according to professional criteria.

Contraindications: Diabetes. Dehydration. Although active compounds are not toxic, in certain circumstances the increase of glucose in blood may cause alterations in the treated animal. Dose up to 50% excess can be considered safe.

PRENOLON DEPOT

Anti-inflammatory action
Injectable use
5 ml and 10 ml bottle



Composition: each 100 mL contains: Methylprednisolone acetate 4 g.



EQUINES LINE

Indications:

Horses: allergy, arthritis, bursitis, tendinitis, inflammation, lameness, rheumatism. To control nonspecific keratitis or minimize corneal vascularization and pigmentation after eye surgeries.

Dogs and cats: allergy, dermatitis, pruritus, inflammation, rheumatism and early treatment of spinal shock.

Administration and dosage: by intramuscular (IM), intra-articular or subconjunctival route.

Horses: 0.5 mg per kg live weight, intramuscular, once a week.

1 to 6 ml intra-articular, repeat according to professional criteria.

0.25 to 0.5 ml subconjunctival, once a week, for a maximum of 3 weeks.

Dogs: 1 mg per kg live weight, intramuscular, every 2 weeks.

Cats: 10 mg per animal in cats up to 3kg live weight, intramuscular, single dose.

20 mg per animal in cats that weigh more than 3 kg, intramuscular, single dose.

Administer according to professional criteria.

Precautions: do not administer to animals with liver, kidney or congestive heart failure, Cushing syndrome, gastric ulcer or pregnant females. Do not administer to animals with bacterial infection, without the appropriate concomitant treatment. The treatment must be discontinued if the appearance of marked polydipsia, polyuria or diarrhea is observed. Do not administer within 72 hours prior to sports competitions.

PREVENCAL

Colloidal calcium with amino acids, phosphorus and vitamins

Injectable use

100 ml, 250 ml and 500 ml bottle



Composition: each 100 mL contains: Anhydrous calcium chloride 1 g, Sodium oleate 3 g, Vitamin B12 10 mg, **Vitamin D2 10,000,000 I.U.**, Sodium glycerophosphate 3 g, Zinc glycerophosphate 120 mg, Cobalt chloride dihydrate 20 mg, Copper gluconate dihydrate 145 mg, DL-methionine 0.75 mg, Lysine HCl 0.8 mg, Arginine HCl 0.75 mg, Cysteine HCl 0.25 mg, L-tryptophan 0.25 mg, Histidine HCl 0.6 mg, L-leucine 0.6 mg, Glycine 1.8 mg.

Indications: prevention of calcium and phosphorus deficiencies. Fertility and pregnancy disorders, to correct the physiological weariness caused by services and pregnancy. Prevention of rickets in young animals.

Administration and dosage: by subcutaneous (SC) or intramuscular (IM) route.

It can be administered together with other treatments.

Preventive doses:

Cattle and horses: 10 ml. It can be repeated after 30 to 60 days.

Sheep, pigs and goats: 5 ml. It can be repeated after 30 to 60 days.

Therapeutic doses:

Cattle and horses: 30 ml. It can be repeated every 48 hours.

Sheep, pigs and goats: 15 ml. It can be repeated every 48 hours.

Administer according to professional criteria.

Action: therapeutic calcium complex with amino acids, vitamins and mineral trace elements, that provides a balanced administration of high therapeutic value since complexed calcium, phosphorus and trace elements are incorporated in a high percentage simultaneously with the amino acids.

RESPIRATOR

Granulated bronchodilator for sport horses

Oral use

5 k bucket and 500 g jars



Composition: each 100 g contains: Clenbuterol HCl 1.6 mg.

Indications: respiratory diseases, subacute and chronic bronchitis and bronchiolitis, bronchopneumonia, respiratory conditions of allergic origin.

EQUINES LINE

Administration and dosage: by oral route.

One heaped teaspoon (5g, equivalent to 0.08 mg Clenbuterol) per 100 kg of live weight, twice a day for a period of no less than 3 days. Repeat for 14 days in acute cases and 30 days in chronic ones.

Precautions: do not administer to pregnant mares near the probable date of delivery or during heavy lactation, to avoid potential effects on the foal. Do not administer together with corticosteroids.

Administer according to professional criteria.

Action: clenbuterol is a synthetic catecholamine of rapid and total absorption when administered orally. Its specific and persistent effect on receptors β_2 of bronchial airway muscles causes bronchodilation and fluidization of secretions, with a marked improvement in patient respiratory mechanics and allowing maximum lung capacity, even in the face of extreme exigencies, without causing undesirable side effects.

SUPERTON 2-50

Tonic Vitamin and Mineral Hematinic for Equines

Injectable use
50 ml, 100 ml and 250 ml bottles



Composition: each 100 mL contains: Ferric ammonium citrate 1,50 g; Cobalt chloride 70,00 mg; Copper acetate monohydrate 20,00 mg; Vitamin B12 1,00 mg; Pyridoxine HDI (Vitamin B6) 1,00 g; Calcium D-pantothenate 1,50 g (equivalent to 1.38 g of Vitamin B5); Nicotinamiea (Vitamin B3) 10,00 g; Riboflavin 5-Phosphat (Vitamin B2) 1,00 g; Biotin 1,00 mg; Arginine HCl 5,00 g; Choline chloride 1,00 g; L-lysine HCl 2,00 g; Glycine 2,00 g; Inositol 1,00 g.

Indications: stimulating tonic for growing horses over 6 months of age. Nutritional supplement during reproduction and training. Recovery of convalescent and anemic animals, due to its contribution of Group B Vitamins, Iron and Amino Acids.

Administration and dosage: by intramuscular (IM) or intravenous (IV) route.

Administer 1 ml per 50 kg live weight. Repeat weekly or according to professional criteria.

Withdrawal time: suspend treatment 72 hours before sporting events.



TETANET BURNET

Tetanus Vaccine
4 ml, 20 ml, 50 ml and 100 ml bottles



Composition: Inactivated suspension of *Clostridium tetani* toxoids (20 IU per ml.).

Adjuvant: aluminum gel.

Indications: For the prevention of tetanus in Equines, Bovines, Sheep, Swine and Canines by the action of *Clostridium tetani* toxins.

Dosage and routes of administration: Administer subcutaneously or intramuscularly, through sterile syringe and needle.

Horses and Bovines: 2 ml.

Sheep, pigs and dogs: 1 ml.

Immunization schedule: It is recommended to use 60 and 30 days before delivery in primary vaccines. Annual revaccination 30 days before delivery. Apply two doses 20 to 25 days apart. interval in the case of primary vaccination, starting at 3 months of age. Revaccination is suggested 1 or 2 times a year, according to professional criteria. The vaccine has no side effects adverse in pregnant females.





BURNET[®]

Best Experience in Animal Health



Pets line

PETS LINE

APETICAN PLUS (export only) Restorative tonic and appetite stimulant for canines and felines Oral use 100 ml and 250 ml bottles



Composition: each 100 mL contains: Cyproheptadine hydrochloride 40 mg, Dexpanthenol 100 mg, Lysine hydrochloride 5000 mg, Niacinamide 200 mg, Vitamin A 80.000 I.U., Vitamin B6 100 mg, Vitamin B12 100 mcg, Vitamin D3 8.000 I.U.

Indications: nutritional supplement. Anorexia of any origin, fast-growing puppies, pregnant females, lactation period, after antibiotic therapy, postoperative period, senile animals, convalescence after viral infections.

Administration and dosage: by oral route. 5 ml (1 teaspoon) per 20 kg live weight, 2 times a day. Administer for 10 to 20 days, according to professional criteria.

BIRMICINA PLUS Penicillin G 5,000,000 I.U. Streptomycin Broad-spectrum antibiotic Injectable use Case with 6 bottles with powder and 6 diluent bottles



Composition: Each bottle with powder contains: Benzathine penicillin G 2,500,000 I.U., Sodium penicillin G 2,500,000 I.U., Streptomycin sulfate 2 g.

Each bottle with diluent contains: 16 ml.

Indications: Cattle, horses, sheep, pigs and dogs: treatment of infectious processes caused by microorganisms sensitive to the association penicillin / streptomycin. Pneumonia, broncho-pneumonia, enzootic pneumonia in calves, metritis, mastitis, nephritis, pyelonephritis, cystitis, hepatitis, septicemia, carbuncle, leptospirosis, tetanus, equine adenitis, abscesses, actinomycosis and sensitive microorganisms associated, acute or chronic systemic diseases in canines.

Administration and dosage: by deep intramuscular (IM) route.

Indicative doses:

Cattle and horses: 5,000,000 I.U. (16 ml)

Sheep and pigs: 2,500,000 I.U. (8 ml)

Canines: 1,500,000 – 2,500,000 I.U. (5 to 8 ml)

Administer according to professional criteria.

CEEF-ON Restorative effect on cellular metabolism, regulation of the internal environment Detoxifying and energizing action Intravenous use 500 ml bottle

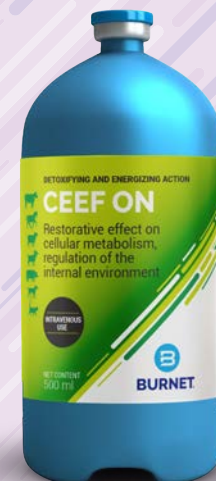


Composition: each 100 mL contains: Magnesium aspartate 200 mg, L-arginine HCl 300 mg, L-cysteine HCl 100 mg, Glycine 750 mg, L-histidine HCl 250 mg, L-leucine HCl 250 mg, Lysine HCl 300 mg, DL-methionine 300 mg, L-tryptophan HCl 100 mg, L-valine 250 mg, Glucose monohydrate 5 g, Fructose monohydrate 5 g, Vitamin B2 phosphate 50 mg, Vitamin B6 HCl 100 mg, Vitamin B12 1 mg, Nicotinamide 200 mg, Vitamin C 200 mg, Calcium chloride 100 mg, Sodium chloride 1.75 g, Potassium chloride anhydrous 200 mg, Magnesium chloride hexahydrate 50 mg.

Indications: for a powerful restoration of the internal environment. **Ceef-On** acts as a pH regulator when used after training or competitions. Detoxifying and restorative action in cases of diarrhea, shock or dehydration. Adjuvant in the treatment of downer cow syndrome (cattle recumbency). Weekly treatments for exhausted or overtrained animals. With antithermic and moisturizing effect for the summer season. Supplement in deficiency treatments.

Administration and dosage: by slow intravenous (IV) infusion.

It can also be incorporated into physiological solution in slow IV infusions.



PETS LINE

Horses: 50 to 100 ml after training, 250 ml after competitions. In serial treatment, administer 50 ml per day for 5 days, rest a week and repeat the treatment as many times as necessary.

Cattle: 100 to 250 ml after transport or herding, 250 to 500 ml in severe intoxication, dehydration, inappetence, ketosis. Serial treatment: 50 ml daily, according to professional criteria, for the preparation of pedigree animals.

Pigs, sheep and goats: 50 to 250 ml, according to professional criteria.

Dogs and cats: 20 to 100 ml. Repeat the treatment as many times as necessary, according to professional criteria.

Administer according to professional criteria.

COMPLEJO "B" B1 B6 B12 Vitamin complex Injectable use 50 ml and 100 ml bottle



Composition: each 100 mL contains: Vitamin B1 5 g, Vitamin B2 50 mg, Vitamin B6 500 mg, Vitamin B12 20 mg, Nicotinamide 5 g, Choline chloride 1 g.

Indications:

Cattle: complement in the treatment of downer cows in prolonged decubitus position. Anemia, asthenia, neuralgia, postpartum trauma.

Horses: treatment of neuralgia, neuritis and stress. Non-hormonal anabolic effect in the optimization of the physical condition of sport horses, in deficiency of group B vitamins. Invigorating and energizing action.

Pigs and sheep: deficiency of group B vitamins, stress, asthenia, anemia and anorexia.

Administration and dosage: by slow intravenous (IV) infusion or intramuscular (IM) route.

Cattle: 10 ml

Horses: 10 ml

Pigs and sheep: 5 ml

Dogs: 0.5 to 2 ml

Cats: 0.5 to 1 ml

Repeat the dose every 24 hours or according to professional criteria.



DEXAMETASONA BURNET

**Gluconeogenic anti-inflammatory properties
Steroid with minimal mineralocorticoid action, 20 times more
potent than prednisolone in its anti-inflammatory effect
Injectable use
Case with 12 bottles of 10 ml or 20 ml, 100 ml and 250 ml bottle.**



Composition: each 100 mL contains: Dexamethasone 21-phosphate disodium 200 mg.

Indications: inflammatory processes of diverse non-infectious etiology. Ketosis, therapeutic support for downer cows. Parturition induction in cows and sheep. Hypersensitivity and allergies in small animals.

Administration and dosage: by intramuscular (IM) or intravenous (IV) route.

Cattle: 0.1 to 0.4 ml per 10 kg live weight, single dose; administer 10 ml in parturition induction.

Horses: 1.25 to 2.5 ml by IV route, for an animal in shock, with maintenance doses at 1, 3, 6 and 10 hour intervals, determined by the clinical condition. In prolonged treatment, the dose should be gradually reduced until discontinued.

Pigs: 0.1 to 0.4 ml per 10 kg live weight, single dose.

Sheep: 1 to 2 ml, single dose.

Dogs and cats: 0.5 to 1 ml per 10 kg live weight by IV or IM route, every 12 to 24 hours.

Shock dose in cases of spinal cord injury: 1.1 to 2.2 ml per kg live weight, by IV route.

Administer according to professional criteria.



PETS LINE

Contraindications: congestive heart disease, renal dysfunction, diabetes, osteoporosis, cataracts or other eye diseases, and in pregnant females.

Action: dexamethasone is a steroid with minimal mineralocorticoid action, twenty times more potent than prednisolone.

ERITROMICINA 20% BURNET



Erythromycin
Antibiotic
Injectable use
100 ml bottle

Composition: each 100 mL contains: Erythromycin base 20 g.

Indications: treatment of acute and chronic mastitis, respiratory diseases, bronchitis, tracheitis, tonsillitis, shipping fever, endometritis, metritis and other infectious diseases caused by erythromycin sensitive microorganisms that affect cattle, pigs, sheep, dogs and cats.

It is very effective against certain microorganisms mainly coagulase positive *Staphylococcus aureus* in bovine mastitis and *Pasteurella* in pleuropneumonia in calves.

In the treatment of mastitis, parenteral use of this fat soluble antibiotic is highly efficacious with optimal diffusion from the systemic circulation towards glandular tissues, achieving high concentration in the infectious focus.

Administration and dosage: by intramuscular (IM) route, distributing the dose at two injection sites.

Cattle: 2 to 4 ml per 100 kg live weight, every 12 to 24 hours, according to the severity of the clinical condition.

Special treatments:

1. Acute and chronic mastitis, caused by *Staphylococcus aureus* (coagulase positive or negative), *Streptococcus* (*S. agalactiae*, *S. dysgalactiae* and *S. uberis*).

Dose: 5 ml per 100 kg of live weight every 24 hours, repeating according to the severity of the clinical condition.

2. Bronchopneumonia and fibrinous pneumonia with pleuropneumonia caused by *Pasteurella*, *Haemophilus* and *Staphylococcus* in calves during artificial breeding and in bovines during intensive fattening.

Dose: 10 ml per 100 kg live weight every 24 hours, repeating according to the severity of the clinical condition.

3. Polyarthritis in calves with lameness and suppurated arthritis of large joints caused by *Erysipelothrix rhusiopathiae* (formerly *E. insidiosa*).

Dose: 10 ml per 100 kg live weight every 12 hours. It can be combined with 20 mg of **Dexametasona Burnet** every 36 hours.

4. Acute puerperal mastitis/metritis (puerperal sepsis).

Dose: 5 ml per 100 kg live weight every 24 hours (at least for three days), followed by 20 mg of **Dexametasona Burnet** diluted into one bottle of 400 ml of **Power Shock** and administered by intravenous (IV) route for 2 days.

Swine: Respiratory conditions: 1 to 3 ml per 100 kg live weight every 24 hours.

Swine erysipelas or non-suppurative polyarthritis with serious skin lesions: 10 ml per 100 kg live weight every 24 hours.

Sheep: Respiratory infections: 1 ml per 100 kg live weight every 24 hours.

Prevention of enterotoxemia in newborn lambs when the causative agent is *Clostridium perfringens* type B: 0.625 ml per kg live weight immediately after delivery.

Dogs and cats: Dose: 0.50 ml per 10 kg live weight every 8 hours.

Note: these doses and their repetition depend on the severity of the clinical condition and are subject to professional criteria.

Action: erythromycin is a macrolide antibiotic with activity against Gram positive cocci (*Staphylococcus*, *Streptococcus*), Gram positive bacilli (*Bacillus anthracis*, *Corynebacterium*, *Clostridium*, *Listeria* and *Erysipelothrix*) and some strains of Gram negative bacilli including *Haemophilus*, *Pasteurella*, *Brucella*. Some strains of *Actinomyces*, *Mycoplasma*, *Chlamydia*, *Ureaplasma* and *Rickettsia* are also inhibited. This antibiotic is distributed throughout the body including the mammary gland and cerebrospinal fluid thanks to its liposolubility. It does not have teratogenic effects and can be administered during pregnancy. Administer according to professional criteria



PETS LINE

FUREDEM Diuretic Injectable use 25 ml, 50 ml and 100 ml bottles



Composition: each mL contain: Furosemide 50 m.

Indications: pulmonary edema, pulmonary congestion, ascites.

Cattle: edema of udder and associated structures.

Horses: noninflammatory edema, edema by poisoning, edema in wounds, laminitis, anasarca.

Dogs and cats: treatment of edema (pulmonary edema, ascites) associated with heart failure and noninflammatory acute edema.

Administration and dosage: by intramuscular (IM) route or slow intravenous (IV) infusion.

Horses: 250 to 500 mg (5 to 10 ml), once or twice a day, at intervals not less than 6 or 8 hours.

Cattle: 250 mg (5 ml) every 12 hours; the treatment should not exceed 48 hours postpartum.

Dogs and cats: 12.5 to 25 mg (0.25 to 0.5 ml) per 5 kg of live weight, once or twice a day.

The treatment must be repeated until the edema disappears; if necessary, it can be established a maintenance therapy to prevent recurrence (for example, in heart failure).

Administer according to professional criteria.

Contraindications: do not administer to animals with acute glomerulonephritis, acute renal insufficiency, anuria, digitalis overdosing, severe liver cirrhosis, hypokalemia. This diuretic should be used with caution in disorders of micturition. Be careful with dosage as furosemide increases the action of antihypertensive drugs. Do not use it in combination with cephalosporins because cephalosporin nephrotoxicity may be favored.

G.E.F.A. TEHUELCHÉ Rehydration and restoration Intravenous use 500 ml bottle



Composition: each 500 mL contains: Glucose 12.5 g, Fructose 12.5 g, Sodium chloride 4.3 g, Potassium chloride 150 mg, Calcium chloride 240 mg, Magnesium chloride 100 mg, DL-methionine 750 mg, L-lysine HCl 800 mg, Arginine HCl 750 mg, L-cysteine HCl 250 mg, L-tryptophan 250 mg, L-histidine HCl 600 mg, L-leucine 600 mg, Glycine 1.8 g.

Indications: rehydration in case of shock or during the summer season. Detoxifying and energizing action. To provide energy and cell components consumed in sports efforts. To balance the METABOLISM acidosis produced during training or competitions. Blood volume correction in mild or severe dehydration thanks to water and electrolyte contribution. A complement to antidiarrheal treatments. As a carrier of intracellular minerals (potassium, magnesium and phosphates) and for therapeutic support during convalescence in downer cow, clinical and subclinical ketosis. Fluid and electrolyte supply during surgical interventions and the post-operative period. Treatment of hypovolemic shock or conditions that lead to hypovolemia.

Administration and dosage: by slow intravenous (IV) infusion.

Cattle: 500 ml

Calves: 1 ml per kg body weight. From 100 to 200 ml in cases of diarrhea to supply electrolytes, energy and amino acids.

Horses: 250 to 500 ml, and repeat until the disappearance of symptoms, according to professional criteria.

Sheep: 100 to 200 ml administered with a needle 20G x 1". In pregnancy toxemia and convalescent animals, the dose can be repeated after 12 hours, according to professional criteria.

Pigs: 200 ml administered in the ear vein with a needle 22G.

Dogs: 1 ml per kg body weight. From 30 to 50 ml to supply electrolytes, energy and amino acids, according to professional criteria.

Administer according to professional criteria.

PETS LINE

GENTA-P Gentamicin, Polymyxin B Antibiotic Ophthalmic spray 200 ml bottle



Composition: each 100 mL contains: Gentamicin sulfate 500 mg, Polymyxin B sulfate 160,000 I.U., Gentian violet 50 mg, Proxymetacaine 500 mg, Diphenhydramine 5 mg, Benzalkonium chloride 200 mg; prolonged-release formulation.

Indications:

Common eye pathologies: keratoconjunctivitis, keratitis, conjunctivitis, blepharitis.

Prevention and treatment of skin lesions: cracked skin and excoriations, fresh wounds, castration, surgical incisions.

Foot conditions: foot rot (infectious pododermatitis), traumatic wounds.

Administration and dosage: topical application.

Cattle, horses, sheep, pigs and dogs: apply the spray to eyes from a distance of 15 cm.

Depending on the severity of the clinical condition, repeat once or twice a day until the disappearance of symptoms.

To treat foot rot, clean the hoof thoroughly before spraying abundantly and dress the affected area to allow the action of the medication.

Apply according to professional criteria.

Action: gentamicin is the antibiotic with the broadest spectrum among aminoglycosides. Polymyxin B is an excellent complement to gentamicin and it is very effective in treating eye infections, especially against *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella*, *Pasteurella*, *Salmonella* and most *Proteus*. Benzalkonium chloride facilitates the penetration of antibiotics by altering the permeability of the bacterial cell wall. It acts as bacteriostatic and has antifungal properties. Diphenhydramine is an antihistamine intended to mitigate the hypersensitivity generated by histamine. Gentian violet is a skin antiseptic that acts selectively against Gram positive bacteria, especially *Staphylococcus*. Proxymetacaine is an anesthetic indicated for ophthalmic use. **Genta-P** does not contain corticosteroids as they decrease natural defense of the injured eye promoting corneal perforation. Unlike aerosol sprays, **Genta-P** spray does not contain aerosol propellants, so it does not irritate injured eyes, making eye washing unnecessary and preserving the residual activity of the active ingredients. Finally, the modern dosing system provided with the product ensures an exact dosage of 1 cm³ with each 3 - 4 pulsations, allowing higher yield and considerable savings.



GENTAPEN 50 Penicillin G 5,000,000 I.U. Gentamicin, Dexamethasone, Vitamins B1, B2, B6, C Antibiotic, anti-inflammatory action, vitamins Injectable use Case with 6 bottles with powder and 6 diluent bottles

Composition: Each bottle with powder contains: Gentamicin 400 mg, Sodium penicillin G 2,000,000 I.U., Procaine penicillin G 1,000,000 I.U., Benzathine penicillin G 2,000,000 I.U., Dexamethasone 8 mg.

Each diluent bottle contains: Vitamin B1 40 mg, Vitamin B2 10 mg, Vitamin B6 10 mg, Vitamin C 2 g, in 15 ml.

Indications: bronchopulmonary, genitourinary and gastrointestinal tract infections. Prevention and treatment of acute and chronic metritis, pyometra, postabortion infections. Colibacillosis, local and generalized staphylococcal infections. Polyarthrits, cystitis, pyelonephritis and other infections caused by sensitive microorganisms and resistant to other antibiotics.

Administration and dosage: by intramuscular (IM) route.

The powder bottle must be reconstituted with the diluent liquid. Administer and dispose of surplus product. Do not administer more than 20 ml per injection site.



PETS LINE

Horses: 1 reconstituted bottle every 250 kg live weight.

Indicative doses:

Animals from 400 to 600 kg: 2 bottles

Animals from 125 to 350 kg: 1 bottle

Animals up to 125 kg: half a bottle

Canines and felines: 1.5 ml per 20 kg.

If necessary repeat until clinical remission, according to professional criteria, depending on the sensitive microorganism, the pathology and the evolution of the infection.

Administer according to professional criteria.

Action: the combination of gentamicin with penicillin has a remarkable bactericidal and bacteriostatic activity, allowing the treatment and control of most of the acute and chronic infectious diseases. The diluent has been designed to produce a powerful anti-stress effect, supporting the anti-inflammatory action of the dexamethasone and helping minimize side effects.



HEPA-PRO TEHUELCHÉ

Hepatoprotectant, hepatic detoxicant

Injectable use

100 ml bottle



Composition: each 100 mL contains: Acetyl methionine 1.5 g, Cysteine HCl 500 mg, Arginine HCl 1.25 g, Ornithine HCl 1 g, Citrulline 750 mg, Choline chloride 1.5 g, Fructose 20 g.

Indications: lesion or compromise of hepatic parenchyma, acute or chronic liver failure of any etiology, toxic hepatitis, preventive treatment when potentially hepatotoxic drugs are used.

Administration and dosage:

Horses: 20 ml by intravenous (IV) route.

Cattle: 20 ml by deep intramuscular (IM) or intravenous (IV) routes.

Sheep and pigs: 10 ml by deep intramuscular (IM) route.

Canines and felines: 1 ml per 10 kg live weight by intramuscular (IM) route.

For all animal species, administer daily or according to professional criteria.

Administer according to professional criteria.

Action: Hepa-Pro Tehuelche has been designed including in its composition a group of amino acids involved in the urea cycle that also supplies methyl and sulfhydryl groups. The glucogenic power of fructose reinforces the anti-toxic effect. This special association of amino acids and fructose allows the simultaneous integral therapy of the most diverse acute or chronic hepatopathies.



LIDOCAÍNA BURNET

Anesthetic solution

Injectable use

100 ml bottle



Lidocaine is an effective anesthetic that provides rapid, prolonged and potent action. As local anesthetic, it shows optimal tolerance and rapid action. Injectable solution of 2% lidocaine for veterinary use.

Composition: each 100 mL contains: Lidocaine hydrochloride 2 g.

Indications: minor surgical procedures. Infiltrations and paravertebral, epidural, intrasynovial or intra-articular anesthesia. Differential diagnosis of claudications.

Administration and dosage: by intra-articular or intrasynovial route.

Cattle, horses, pigs, sheep, dogs and cats: 3 mg per kg live weight, according to effect or intended action, species and surgical procedure.

Withdrawal time: do not administer to animals intended for human consumption within 72 hours before slaughter.

Precautions: do not administer by intravenous (IV) route.

PETS LINE

MAXILINA L.A. INYECTABLE



Amoxicillin

Prolonged-release antibiotic

Injectable use

100 ml bottle

Composition: each 100 mL contains: Amoxicillin base 15 g.

Indications: this long-acting antibiotic is intended for the treatment of infectious diseases caused by microorganisms sensitive to amoxicillin, being effective against a broad spectrum of Gram negative bacteria such as *Pasteurella*, *Brucella*, *Fusobacterium*, *Haemophilus*, *Escherichia coli*, *Proteus mirabilis*, *Salmonella*, *Treponema*, *Moraxella* and Gram positive bacteria as *Bacillus anthracis*, *Erysipelothrix*, *Streptococcus*, *Staphylococcus*, *Clostridium* and *Corynebacterium*.

Maxilina L.A. is effective in the treatment of the following diseases: pneumonia, bronchopneumonia, pleuropneumonia, erysipelas, omphalophlebitis in neonatal animals, gas gangrene, enterotoxemia, malignant edema, botulism, tetanus, symptomatic anthrax, pyelonephritis, cystitis, pasteurellosis, brucellosis, mastitis, metritis, arthritis, purulent-necrotic lesions (local, disseminated or metastatic), salmonellosis, wounds, postpartum infections and all infections caused by opportunistic pathogens and microorganisms sensitive to amoxicillin. It is recommended for prevention of postoperative infections, administered before surgery.

Administration and dosage: exclusively by intramuscular (IM) route, using a needle with a diameter not less than 20 gauge.

Horses, dogs and cats: administer 1 ml per 10 kg of live weight, regardless of animal species and age, equivalent to 15 mg amoxicillin per kg of live weight.

This dose can be repeated after 48 hours, according to professional criteria.

When the dose in horses exceeds 15 ml, it is recommended to divide it into two or three injection sites.

Administer according to professional criteria.

Action: amoxicillin base, in an exclusive formula, promotes a prompt therapeutic response for 3 to 5 days.

Precautions: the product is not toxic at the dose indicated. Hypersensitivity reactions may occur, being common manifestations: skin reactions, angioedema, drug-related fever, eosinophilia and anaphylaxis. In case of any allergic reaction, administer epinephrine or equivalent. Do not administer to animals with a history of amoxicillin allergy. Given the broad spectrum of amoxicillin, it acts not only against pathogenic microorganisms but also against the normal gut microbiota. The degree of intestinal dysbacteriosis (alterations of the gut microbiome balance) depends on the dose, duration of treatment, the composition of the gut microbiota and antibiotic sensitivity.

Administer according to professional criteria.

PRENOLON DEPOT

Anti-inflammatory action

Injectable use

Case with 12 bottles of 10 ml



Composition: each 100 mL contains: Methylprednisolone acetate 4 g.

Indications:

Horses: allergy, arthritis, bursitis, tendinitis, inflammation, lameness, rheumatism. To control nonspecific keratitis or minimize corneal vascularization and pigmentation after eye surgeries.

Dogs and cats: allergy, dermatitis, pruritus, inflammation, rheumatism and early treatment of spinal shock.

Administration and dosage: by intramuscular (IM), intra-articular or subconjunctival route.

Horses: 0.5 mg per kg live weight, intramuscular, once a week.

1 to 6 ml intra-articular, repeat according to professional criteria.

0.25 to 0.5 ml subconjunctival, once a week, for a maximum of 3 weeks.

Dogs: 1 mg per kg live weight, intramuscular, every 2 weeks.

Cats: 10 mg per animal in cats up to 3kg live weight, intramuscular, single dose.

20 mg per animal in cats that weigh more than 3 kg, intramuscular, single dose.

Administer according to professional criteria.



PETS LINE



Precautions: do not administer to animals with liver, kidney or congestive heart failure, Cushing syndrome, gastric ulcer or pregnant females. Do not administer to animals with bacterial infection, without the appropriate concomitant treatment. The treatment must be discontinued if the appearance of marked polydipsia, polyuria or diarrhea is observed. Do not administer within 72 hours prior to sports competitions.



RABINET

Rabies Vaccine 100 ml bottle and box of 10 bottles with 1 ml

Composition: Pasteur strain rabies virus suspension developed in BHK 21 cells - clone 13, inactivated with beta-propiolactone. **Adjuvant:** aluminum gel

Indications: Vaccinate animals from 12 weeks of age. Annual revaccination or at the discretion of the veterinarian.

Dosage and route of administration:

Multi-dose (bovines, horses, sheep, pigs and goats): 2 ml subcutaneously or intramuscularly.

Single dose (canines and felines): 1 ml subcutaneously. Shake vigorously.



REGUNET ORAL BURNET

Diarrhea treatment Oral suspension 1 liter bottle

Composition: each 100 mL contains: Phthalylsulfathiazole 2.5 g, Dihydrostreptomycin sulfate 0.5 g, Coffee charcoal 0.5 g.

Indications: control and treatment of neonatal diarrhea caused by different infectious agents in foals, calves and piglets. Symptomatic control of neonatal diarrhea complex in calves. Gastroenteritis in all animal species. Infectious processes, eating disorders and tympanism.

Administration and dosage: by oral route, using a syringe or dosing gun.

Horses: 300 to 500 ml.

Pigs, sheep, lambs and calves: 50 to 200 ml.

Dogs and cats: 10 to 40 ml, daily.

The dose depends on size, age and animal species, expected therapeutic action and professional criteria.

Administer according to professional criteria.

Withdrawal time: discontinue the treatment 10 days before slaughter. Do not administer to horses intended for human consumption.

Contraindications: do not administer to sheep and cattle with developed rumen.

Precautions: do not administer to pregnant females in the third trimester of pregnancy. Do not administer to patients with liver disease or along with hepatotoxic agents.

PETS LINE

TANOXOL

Hormonal therapy, growth promoter, anabolic effect
Injectable use
10 ml bottle



Composition: each 100 mL contains: Stanozolol 2.5 g, Vitamin B12 100 mg.

Indications: treatment of weakened animals when the therapeutic objective is to increase appetite, weight gain and increase muscle mass, achieving optimal physical conditions, without the negative androgenic effects of other anabolic agents. Weakness states resulting from illnesses, surgeries, trauma due to injuries, etc, are the clinical conditions expected to improve with this treatment. It is also indicated in processes of severe tissue damage that reduce protein reserves. Coadjuvant to specific supportive therapies, including nutritional ones, for which optimal results can be expected if adequate and balanced daily intake is provided.

For these reasons, it is recommended for anorexia, weight loss, weakness, cachexia, trauma and aging. Certain skin disorders that occur in old dogs (alopecia and some kinds of eczema) are caused by METABOLISM disorders due to negative nitrogen balance.

Administration and dosage: by intramuscular (IM) route.

Small canines and felines: 0.5 ml once a week, during a month.

Large canines: 1 ml once a week, during a month.

Administer according to professional criteria.

Precautions: this product should not be administered to pregnant females or breeding animals. Sodium and water retention should be monitored in animals suffering from cardiac or renal disorders.



TETANET BURNET

Tetanus Vaccine
4 ml, 20 ml, 50 ml and 100 ml bottles.



Composition: Inactivated suspension of *Clostridium tetani* toxoids (20 IU per ml.).

Adjuvant: aluminum gel.

Indications: For the prevention of tetanus in Equines, Bovines, Sheep, Swine and Canines by the action of *Clostridium tetani* toxins.

Dosage and routes of administration: Administer subcutaneously or intramuscularly, through sterile syringe and needle.

Horses and Bovines: 2 ml. **Sheep, pigs and dogs:** 1 ml.

Immunization schedule: It is recommended to use 60 and 30 days before delivery in primary vaccines. Annual revaccination 30 days before delivery. Apply two doses 20 to 25 days apart. interval in the case of primary vaccination, starting at 3 months of age. Revaccination is suggested 1 or 2 times a year, according to professional criteria. The vaccine has no side effects adverse in pregnant females.





BURNET[®]

Best Experience in Animal Health



Biological Catalog

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CARBUNET



Vaccine for the prevention of Anthrax Sterne strain
50 ml, 100 ml and 250 ml bottle.

Composition: Contains live spores of *Bacillus anthracis*, Sterne strain (9 x 10⁶ spores viable/ml).

Administration and dosage: Administer subcutaneously.

Cattle and Equines: 2 ml. **Sheep and pigs:** 1 ml.

Vaccinate from three months of age and then annually, to achieve immunity sustained.

Precautions: Shake before use. Use the entire contents of the bottle once opened.



CLOSTRINET



Vaccine for the prevention of Blackleg, Malignant oedema, Enterotoxemia, Necrotic Hepatitis, Big head, Bacillary Hemoglobinuria, Sudden death and Pasteurellosis.
125 ml and 250 ml bottle.

Composition: Contains inactivated cultures and toxoids of *Clostridium chauvoei*, *Clostridium septicum*, *Clostridium perfringens* types A, C and D, *Clostridium novyi* types A and B, *Clostridium haemolyticum*, *Clostridium sordellii* and *Pasteurella multocida*. **Adjuvant:** aluminum gel.

Dosage: **Bovines:** 5 ml. **Sheep:** 3 ml.

Administration: Subcutaneous inoculation. Cattle and sheep from 3 months of age.

Primary vaccinated animals are given two doses with an interval of 21 days. Revaccination annual. Pregnant bovine and ovine females can be vaccinated throughout their entire period gestation.

Precautions: Shake before use. Apply under strict Veterinary control.



CLOSTRINET TP



Vaccine for the prevention of Blackleg, Malignant oedema, Enterotoxemia, Necrotic Hepatitis, Big head, Bacillary Hemoglobinuria, Sudden death, Tetanus and Pasteurellosis.
100 ml and 250 ml bottle.

Composition: Anacultures and toxoids of *Clostridium chauvoei*, *Clostridium septicum*, *Clostridium perfringens* types A, C and D, *Clostridium sordellii*, *Clostridium novyi* types A and B, *Clostridium haemolyticum*, *Clostridium tetani*, *Pasteurella multocida*, and *Mannheimia haemolytica*. **Adjuvant:** aluminum gel.

Dosage and route of administration: **Cattle:** 5 ml sc. **Sheep:** 2 ml sc.

Immunization: Vaccinate from 3 months of age, applying two doses with an interval of 20 to 25 days between both applications. It is suggested to revaccinate 1 or 2 times per year, according to professional criteria. It can be applied to pregnant females in any period of gestation.



TETANET BURNET



Tetanus Vaccine
4 ml, 20 ml, 50 ml and 100 ml bottles.

Composition: Inactivated suspension of *Clostridium tetani* toxoids (20 IU per ml.).

Adjuvant: aluminum gel.

Indications: For the prevention of tetanus in Equines, Bovines, Sheep, Swine and Canines by the action of *Clostridium tetani* toxins.

Dosage and routes of administration: Administer subcutaneously or intramuscularly, through sterile syringe and needle.



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Horses and Bovines: 2 ml. **Sheep, pigs and dogs:** 1 ml.

Immunization schedule: It is recommended to use 60 and 30 days before delivery in primary vaccines. Annual revaccination 30 days before delivery. Apply two doses 20 to 25 days apart. interval in the case of primary vaccination, starting at 3 months of age. Revaccination is suggested 1 or 2 times a year, according to professional criteria. The vaccine has no side effects adverse in pregnant females.

TRIPLENET



Vaccine for the prevention of Blackleg, Malignant oedema, Enterotoxemia.
125 ml bottle (25 bovine doses, 41 ovine doses)
250 ml (50 bovine doses, 83 ovine doses)

Composition: Contains inactivated cultures and toxoids of *Clostridium chauvoei*, *Clostridium Septicum*, *Clostridium perfringens* type C and D. **Adjuvant:** aluminum gel.

Indications: Simultaneous prevention of Blackleg, Gas Gangrene and Enterotoxemia.

Dosage: **Bovines:** 5 ml. **Sheep:** 3 ml.

Administration: Subcutaneous inoculation.

Cattle / sheep from 3 months of age.

Primary vaccinated animals are given two doses with an interval of 21 days.

Annual revaccination. Pregnant bovine and ovine females can be vaccinated during their entire gestation period.

Precautions: Shake before use. Apply under strict Veterinary control.



TRIPLENET E



Vaccine for the prevention of Blackleg, Malignant oedema and Enterotoxemia.
100 ml bottle (20 bovine doses, 33 sheep doses)
250 ml bottle (50 bovine doses, 83 sheep doses)

Composition: Contains inactivated, concentrated and purified bacteria and toxoids of *Clostridium chauvoei*, *Clostridium septicum* and *Clostridium perfringens* type D.

Adjuvant: aluminum gel.

Administration and dose: subcutaneous route.

Adult cattle and calves: 5 ml. **Sheep:** 3 ml.

Revaccinate between 4 and 5 weeks. In 3-month-old animals, revaccinate at 6 months age.

Precautions: Shake before use. Apply under strict Veterinary control.



BRUCELNET



Vaccine for the prevention of bovine brucellosis.
Lyophilized strain 19
Boxes of 10, 15 and 25 doses

Indications: Vaccine for the prevention of bovine brucellosis.

Composition: **Vaccine:** Suspension of viable cells of *Brucella abortus* strain 19, containing between 15×10^9 and 30×10^9 viable cells per 2 ml dose, upon approval of the product.

Diluent: Saline solution pH 6.4-6.8

Administration and dose: **Cattle:** 2 ml. Subcutaneous route. Vaccinate only calves between 3 and 8 months of age with a single dose to obtain sufficient immunity.

How to use: Reconstitute by using a sterile syringe and needle, loading and transferring the content of the diluent to the bottle containing the lyophilized tablet. Shake up obtain a correct total dissolution of the product and administer within the hour of reconstitution, since after this time, the same conditions of original quality.

Precautions: Apply under strict veterinary control. Infectious product. Use all the content once

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the bottle is opened. Sterilize all the material used in the operation. No apply within 21 days prior to slaughter or slaughter.

REPRONET



Vaccine for the prevention of reproductive diseases caused by leptospira interrogans Promona, Campylobacter fetus, viruses of Infectious Bovine Rhinotracheitis (IBR) and Bovine Viral Diarrhea (BVD)

Bottles of 100 ml (20 doses)
Bottles of 250 ml (50 doses)

Composition: Dead bacteria of *Leptospira interrogans* serovar *promona*, *Campylobacter fetus* subsp. *fetus* and subsp. *venerealis*, IBR virus strain ATCC VR-188, and BVD virus strain NADL ATCC VR-534 in aqueous vehicle. **Adjuvant:** aluminum gel and immunomodulator biological (*Corynebacterium parvum* / Muramyl dipeptide MDP).

Administration and Dosage: 5 ml. Subcutaneous route. In primed animals apply 2 doses with an interval of 4 weeks to confer strong immunological activity: vaccinate males and females at 60 and 30 days prior to service. Then revaccinate annually.

Precautions: Shake before use. Use all the content once the bottle is opened.



RABINET

Rabies Vaccine
100 ml bottle and box of 10 bottles with 1 ml

Composition: Pasteur strain rabies virus suspension developed in BHK 21 cells - clone 13, inactivated with beta-propiolactone. **Adjuvant:** aluminum gel

Indications: Vaccinate animals from 12 weeks of age. Annual revaccination or at the discretion of the veterinarian.

Dosage and route of administration:

Multi-dose (bovines, horses, sheep, pigs and goats): 2 ml subcutaneously or intramuscularly.

Single dose (canines and felines): 1 ml subcutaneously. Shake vigorously.



RESPINET

Vaccine for the prevention of diseases caused by Infectious Bovine Rhinotracheitis virus, Parainfluenza Virus 3, Pasteurella multocida and Mannheimia haemolytica

Bottles of 100 ml (20 doses)
Bottles of 250 ml (50 doses)

Composition: Infectious Bovine Rhinotracheitis Virus (IBR), Parainfluenza Virus 3 (PI3), *Mannheimia haemolytica*, *Pasteurella multocida*.

Adjuvant: aluminum gel.

Administration and dose: the dose is 5 ml Subcutaneously.

Application schedule: 2 doses of 5 ml with an interval of 30 days. One dose per year of maintenance. In case of exposure to contagion, apply a booster dose.

Precautions: Use all the content once the bottle is opened. Do not apply with in 21 days prior to slaughter.



BIOLOGICALS - Agro Line



SILONET

Inoculant for silages Freeze-dried soluble powder 100 gr bottle

Composition: Each 100 g contains: 80% of lactic acid bacteria (producers of at least 3% lactic acid: *Lactobacillus plantarum*, *Lactobacillus acidophilus*, *Pediococcus pentosaceus* and *Pediococcus acidilactici*), and maltodextrin.

Indications: **Silonet** accelerates the fermentation conditions of silage forage by improving the conservation and digestibility of the silage. For use in summer and winter silos.

Preparation: Add water to the container and shake until completely dissolved. Then put the contents of the container to the amount of water recommended for the applicator. Apply the solution during the silage process of according to the recommended dose.

Dosage: One bottle of inoculant for every 50 tons of chopped green matter of Forage like Corn, Sorghum, Sugar Cane, or at the rate of 1 bottle every 25 tons of chopped green matter from Pastures, Lucerne or Soy.

Product for exclusive use in animal feed for bovines, equines, sheep and goats.



SILONET MAX

Inoculant for silages Freeze-dried soluble powder 100 gr bottle

Composition: each 100 g contains: 80% of lactic acid bacteria (producers of at least 3% of organic acids such as lactic acid and acetic acid: *Lactobacillus plantarum*, *Lactobacillus buchneri*, *Pediococcus acidilactici* and *Lactococcus lactis* subsp. *lactis*), and maltodextrin.

Indications: Indicated for use in summer and winter silo. Indicated to improve aerobic stability, promote strong yeast, fungal and clostridial inhibition; collaborates in thermal regulation and improves the digestibility of ensiled forage.

Preparation: Add water to the bottle and shake until completely dissolved. Place the contents of the container to the amount of water recommended for the applicator.

Dosage: One bottle of inoculant for every 50 Tons of chopped green matter forage like Corn Sorghum or Sugar Cane, or at the rate of 1 bottle every 25 tons of green matter chopped into the treatment of Pastures, Lucerne or Soy.

Product for exclusive use in animal feed for bovines, horses, sheep and goats.



SILONET OLIGO Co-Zn-Se-Mn

Inoculant for silages Freeze-dried soluble powder 100g bottle

Composition: *Lactobacillus plantarum* $\geq 1.0 \times 10^{12}$ CFU / g; *Lactobacillus buchneri* $\geq 1.0 \times 10^{12}$ CFU / g; *Pediococcus acidilactici* $\geq 1.0 \times 10^{12}$ CFU / g; *Lactobacillus sakei* $\geq 1.0 \times 10^{12}$ CFU / g; *Pediococcus pentosaceus* $\geq 1.0 \times 10^{12}$ CFU / g. Bacteria that produce at least 3% of organic acids (Lactic and Acetic). Sodium Selenite 2 g; Zinc Sulfate 26.7 g; Cobalt Chloride 13.9 g; Manganese Sulfate 8 g; Maltodextrin q.s.p. 100 g.

Indications: Use for multicultural crops and wet grain, summer and winter silages. Indicated to get a better aerobic stability, imposing a solid yeast, fungi, listeria and clostridia; collaborates in the thermal regulation to ensure a fresh silage and increase the digestibility of the forage. Trace elements in silage improve reproductive status. They facilitate fetal development and growth, in breeding and dairy herds. They optimize immune activity. They promote healthy udders and hooves. They play an important role in the rapid recovery of convalescent animals from diseases and anemic states.

Preparation: Add water to the bottle and shake until the total dissolution. Put the bottle content to the water recommended quantity for the applicator.

Doses: A bottle of additive per 50 tons of green matter chopped from Corn, Sorghum or Sugar Cane; or at the rate of 1 bottle every 25 Tons of chopped green matter in the treatment of Pastures, greens, meadows, alfalfa, soybeans and silage with wet grain.

Product for exclusive use in cattle, equines, sheep and goat's alimentation.



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