



**AGROPHARMA**  
Salud, Performance y Productividad Animal

VADEMECUM

# LIVESTOCK LINE

BOVINES AND BOVIDS, HORSES, MULES AND EQUIDAE.  
PIGS, SHEEP, GOATS AND DOMESTIC CAMELIDS



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## ANIMAL HEALTH, PERFORMANCE AND PRODUCTIVITY



**Agropharma** is an Argentinian transnational laboratory, which provides integral solutions for animal productivity, performance and health.

We develop and elaborate veterinary medicines to accompany, ensure and optimize the results of our users. In more than 8,000 m<sup>2</sup> of covered area, the departments of R&D, virology, bacteriology, quality control, beta-lactams production, general, hormonal and antiparasitic drugs, etc. are deployed.

All this is done in accordance with the highest Biosafety requirements. Our formulas provide reliability and effectiveness in treatments for Bovines, Equines, Sheep, Goats, Swine, Camelids, Birds and Pets, preventing and treating diseases of different types: Infectious, Parasitic, Metabolic and / or Deficiency.

Our products have the corresponding specialized technical support, which solvency is updated and strengthened through field experience, research and development tasks and interaction with institutions in the scientific-academic field.



## BIOLOGICS MODULE



### Antígeno B.P.A.

For the diagnosis of bovine brucellosis

#### FORMULA

- Buffered Brucella abortus antigen, Strain 1119-3.

#### INDICATIONS

For the bovine Brucellosis Presumptive Diagnosis Plate Screening Test.

#### DOSAGE

**For test:** 0.03 ml (one drop from a calibrated dropper).

#### PRESENTATION

Vial x 10 ml (333 tests).

### Complex Intensivo Combined viral-bacterial Vaccine

Prevention of the respiratory complex and bovine keratoconjunctivitis  
Injectable. Octavalent

#### FORMULA

IBR, BVD, PI3 y RSVB viruses inactivated with binary biguanide. Bacterin of *Mannheimia multocida*, *Pasteurella haemolytica*, *Histophilus somni* and *Moraxella bovis*. These antigens are mounted on an aluminum hydroxide gel with a high protein adsorption capacity.

#### INDICATIONS

Prevention of the respiratory complex in cattle and infectious keratoconjunctivitis in cattle, pathologies that normally affect herds in intensive production, causing serious economic losses. It is recommended in feedlot, intensive fattening, early weaning, herds with supplementation in the field,

replacement heifers, breeding herds in intensive rotational grazing, or in any process that means livestock intensification.

#### DOSAGE

Apply 5 ml subcutaneously. Taking into account that the respiratory syndrome occurs more frequently in young animals, it is especially recommended to have carried out at least one double vaccination, with an interval between doses of 21 to 28 days, one month before subjecting any type of stress to the animals (weaning, harnessing, confinement, etc.).

Vaccinate from four months of life, apply two doses with an interval of 21-28 days.

In prime-vaccinated adult bovines, apply two doses with an interval of 21-28 days. Revaccinate annually.

In pregnant females, vaccinate in the seventh and eighth month of gestation. Annual revaccination.

A veterinary professional, adapting to the establishment or regional needs,

should always supervise immunization plans.

To achieve good immunity, it is advisable to avoid parallel treatments or field handling (harnessing, boarding, bathing, etc.) from 48 hr before and up to 72 hr post-vaccination.

#### PRESENTATION

Bottle containing 250 ml, equivalent to 50 ds.





## Complex Reproductiva + L Vaccine

Injectable

### FORMULA

Inactivated suspension of Infectious Bovine Rhinotracheitis (IBR) and Bovine Viral Diarrhea (BVD) viruses. Inactivated suspension of Histophilus somni, Leptospira interrogans serovar pomona, Leptospira interrogans serovar icterohaemorrhagiae, Leptospira interrogans serovar canicola, Campylobacter fetus subsp. venerealis, Campylobacter fetus subsp. venerealis biovar intermedius, Campylobacter fetus subsp. fetus with aluminum hydroxide gel as an adjuvant and thimerosal as a preservative.

### INDICATIONS

Prevention and control of all infectious pathologies in which any of the bacterial or viral strains added to the formula act.

### DOSAGE

5ml subcutaneously. In order to achieve better immunity, a second application is advisable 20 days after the first dose. Apply under strict veterinary control. Agropharma is not responsible for the consequences derived from its improper use.

### PRESENTATION

Bottle containing 250 ml.



## Complex Neonatal Vaccine

Injectable

### FORMULA

Inactivated bovine Rotavirus suspension, Bovine Viral Diarrhea Virus (BVD), enteropathogenic and invasive Escherichia coli and Salmonella dublin and tiphymurium saponinated with aluminum hydroxide gel as an adjuvant and thimerosal as a preservative.

### INDICATIONS

Prevention and control of all infectious pathologies in which any of the bacterial or viral strains added to the



formula act. In calves from 3 months of age, apply 2 doses with an interval of 21 days, annual revaccination. In pregnant females, apply 2 doses 21 days apart in the last third of gestation. Annual revaccination.

### DOSAGE

5ml subcutaneously.

Apply under strict veterinary control. Agropharma is not responsible for the consequences derived from its improper use.

### PRESENTATION

Bottle containing 250 ml.





## Brucelosis Bovina Vaccine

Prevention from abortion due to brucellosis

Injectable

### FORMULA

#### Bottle with lyophilized vaccine

*Brucella abortus* strain 19: minimum 15x10<sup>9</sup>, maximum 30x10<sup>9</sup> viable cells per dose of 2 ml.

**Bottle with diluent** Buffered physiological solution pH 6.8.

### INDICATIONS

Prevention from bovine Brucellosis. Because brucellosis is a zoonosis and because it is a live vaccine (although attenuated), all material used (syringes and needles) must be

sterilized or incinerated (containers already used) in a suitable environment for this purpose. To preserve the health of the operators, this vaccine is presented in a biosafety container. To avoid contamination of the environment, special bags are provided for collecting pathological waste, where used containers will be discarded for subsequent destruction.

### DOSAGE

Administer to female bovine 3 to 10 months of age: 2 ml. Subcutaneous route.

### PRESENTATION

Vials x 5, 10 and 25 doses.



## Neumoenterovac

For young age, prevention from pneumonia, enteritis and septicemia

Injectable

### FORMULA

*Mannheimia multocida*, *Pasteurella haemolytica*, *Salmonella dublin*, *Salmonella tiphymurium*, *Histophilus somni*, *Escherichia coli* k99, invasive *Escherichia coli*.

### INDICATIONS

Inactivated bacterial vaccine, especially developed to prevent risks of respiratory, enteric or septicemia diseases, caused by *Salmonellas*, *Pasteurellas*, *Haemophilus* and *Escherichia coli*. It is advisable to use this immunogen at the rate of two repeated doses with a frequency of 14 to 21 days, before admission to artificial breeding, weaning stress,

closure stress (feed lot), travel stress (loading or herding), boarding fever. It is also advisable to vaccinate pregnant females in the last third in order to achieve maximum colostral immunity in their offspring.

### DOSAGE

5ml subcutaneously. In prime-vaccinated animals, apply at least two doses with an interval of 14-21 days.

### PRESENTATION

Bottle x 250 ml, equivalent to 50 ds.



## Triplevac

Vaccine. Against blackleg, gangrene, enterotoxaemia and malignant edema

Injectable. Pentavalent.

### FORMULA

Whole anacultures of Clostridium chauvoei, Clostridium septicum and Clostridium perfringens type C and D, Clostridium novyi.

### INDICATIONS

Prevention from symptomatic carbuncle (blackleg), gas gangrene and enterotoxemia and malignant edema of cattle and sheep.

### DOSAGE

Subcutaneously in:

**Bovines 5 ml. Sheep 3 ml.**

**Prime-vaccination** vaccinate from 3 months of life. In order to achieve better immunity, a second application is advisable 14/ 21 days after the first dose. Repeat before weaning. Revaccinate annually.

### PRESENTATION

Bottles x 100 y 250 ml.



## Carbunco Bacteridiano

Vaccine

Carbuncle prevention

Injectable

### FORMULA

Suspension of viable spores of Bacillus Anthracis. Sterne strain.

### INDICATIONS

Prevention from Bacterial Carbuncle in cattle, horses, sheep and pigs.



### DOSAGE

**Bovines and Equines 2 ml.**

**Sheep and Swine 1 ml.**

Subcutaneous route.

It is important to note that young animals are also susceptible to the disease, therefore they must be incorporated into vaccination plans.

An annual revaccination is usually recommended, but in areas with a high incidence of the disease, it may be necessary to vaccinate two and up to three times a year.

### PRESENTATION

Bottles x 100 y 250 ml.



## Botulismo

Vaccine

Clostridium botulinum type C and D

Injectable

### FORMULA

Formulated toxoid of Clostridium botulinum type C and D.

### INDICATIONS

Prevention from Botulism C and D in cattle, sheep and horses.

### DOSAGE

**Bovines and equines 5 ml.**

**Sheep 3 ml.**

### PRESENTATION

Container x 250 ml.



## Clostridium N

Vaccine

Injectable

### FORMULA

Anacultures of Clostridium chauvoei; Clostridium septicum; Clostridium novyi; Mannheimia multocida; Histophilus somni. With aluminum hydroxide gel as an adjuvant.

### INDICATIONS

Prevention from symptomatic carbuncle (blackleg), gas gangrene,

Pasteurellosis, and Hemophilosis in cattle and sheep.

### DOSAGE

**Bovines:** 5 ml.

**Sheep:** 3 ml.

Subcutaneous route. Apply under strict veterinary control.

### PRESENTATION

Bottle x 250 ml.



## Clostridium 6

Clostridial sextuple vaccine

Injectable

### FORMULA

Anacultures with high antigenic concentration of Clostridium chauvoei, Clostridium septicum, Clostridium novyi, Clostridium perfringens type C, Clostridium perfringens type D, Clostridium sordelli, built on an aluminum hydroxide gel with a very high protein adsorption capacity.

### INDICATIONS

Prevention from diseases caused by the clostridium present in the formula, known as blackleg (symptomatic carbuncle), gas gangrene (malignant edema), enterotoxemia and sudden death in cattle and sheep. This vaccine is especially recommended to be used in all livestock operations that involve productive intensification, such as: feed-lot, intensive fattening, field supplementation, breeding herds, replacement heifers, etc. High production herds require high protection. Secure your earnings.

### DOSAGE

**Bovines** 5 ml.

**Sheep** 3 ml.

Subcutaneous route.

Primary vaccination, vaccinate from three months of age, with two doses 14 or 21 days apart. Repeat at weaning, revaccinate annually. In pregnant females it is advisable to revaccinate in the last third of gestation, this will achieve the double objective of giving good colostrum immunity and at the same time limiting losses due to massive deaths of mothers due to bacterial sudden death.

### PRESENTATION

Bottles containing 100 ml and 250 ml, equivalent to 20 and 50 ds. for large animals.







## Clostridium 9

Nonavalent clostridial vaccine

Injectable

### FORMULA

Anacultures of *Clostridium chauvoei*, *Clostridium septicum*, *Clostridium perfringens* type B, *Clostridium perfringens* type C, *Clostridium perfringens* type D, *Clostridium sordelli*, *Clostridium novyi* type A, *Clostridium novyi* type B, *Clostridium novyi* type D.

### INDICATIONS

Prevention from diseases caused by the clostridium present in the formula, known as blackleg (symptomatic carbuncle), gas gangrene, enterotoxemia and sudden death, bacillary hemoglobinuria, necrotizing nodular hepatitis, swollen head in cattle and sheep.

### DOSAGE

**Bovines:** 5 ml.

**Sheep:** 3 ml.

Apply subcutaneously.

Apply from 3 months of age, two doses 21 to 28 days apart.

Revaccinate annually. In pregnant females, vaccinate in the last third of pregnancy. Do not rule out the strategic application, immediately prior to the period of greatest annual risk of the occurrence of any of the diseases against which this vaccine protects.

### PRESENTATION

Bottles containing 100 ml and 250 ml, equivalent to 20 and 50 ds. for large animals.

## Clostridium 10

Decavalent clostridial vaccine

Injectable

### FORMULA

Anacultures of *Clostridium chauvoei*, *Clostridium septicum*, *Clostridium novyi* a, *Clostridium novyi* B, *Clostridium sordelli*, *Clostridium perfringens* type A, *Clostridium perfringens* type B, *Clostridium perfringens* type C, *Clostridium perfringens* type D, *Clostridium tetani*, built on an aluminum hydroxide gel with a high protein adsorption capacity, which gives it maximum antigenic capacity.

### INDICATIONS

Prevention from diseases caused by the clostridium present in the formula, known as blackleg (symptomatic carbuncle), gas gangrene, enterotoxemia, sudden death, necrotic hepatitis of sheep and tetanus.

### DOSAGE

**Sheep** 3 ml. Apply from 3 months of age, with two doses 21 and 28 days apart. Revaccinate annually. In pregnant females, vaccinate in the last third of pregnancy. Do not rule out the strategic application, immediately prior to the period of greatest annual risk of the occurrence of any of the diseases against which this vaccine protects. Subcutaneous route.

### PRESENTATION

Bottles x 100 ml and 250 ml, equivalent to 33 and 83 ds. in sheep.



## ANTIBIOTICS MODULE

### Cumebiotic 6M

Antibiotic.

Injectable

#### FORMULA

**Solid drug.** Each vial contains:

Penicillin G Sodium	2,700,000 UI
Procaine penicillin G	3,300,000 UI
Streptomycin sulfate	2.5 g

**Diluent.** Each vial contains:

Lidocaine Hydrochloride	60 mg
Nipagin Sodium	30 ml
Bidistilled water q.s.	15 ml

#### INDICATIONS

Indicated for a wide variety of diseases caused by Gram positive and Gram negative bacilli. In general, in

any infectious process which causative agent is sensitive to Penicillin and Streptomycin. Adenitis. Bacterial and symptomatic carbuncle. Mastitis. Intestinal, respiratory and kidney diseases.

#### DOSAGE

**Adult Equines and Bovines:**  
5,000,000 to 10,000,000 UI.

**Young Equines and Bovines:**  
2,500,000 to 5,000,000 UI.

**Foals and Calves:**  
1,200,000 to 2,500,000 UI.  
Intramuscular or Subcutaneous Route.

#### PRESENTATION

Box containing 6 vials of solid drug and 6 vials of diluent.



### Cumetyl 300

Antibiotic

Injectable

#### FORMULA

Tilmicosin (as phosphate)	30 g
Formulation agents q.s.	100 ml

#### INDICATIONS

Indicated for treatment of bovine respiratory disease, especially that associated with *Pasteurella haemolytica* and *Mannheimia multocida* and other microorganisms sensitive to tilmicosin. Infectious bovine keratoconjunctivitis, caused by strains of *Moraxella* sensitive to this antibiotic. Bovine necrotic pododermatitis, generated by *Fusobacterium necrophorum*, *Porphyromonas*

*assacharolytica* and *Prevotella intermedia*. Actinobacillosis. With bacteriostatic and bactericidal action against germs  $g^+$ ,  $g^-$  and mycoplasmas. Of rapid and wide diffusion in all tissues. High and persistent tissue concentrations.

#### DOSAGE

This product must be administered exclusively and subcutaneously to cattle. In pneumonia apply 10 mg x kg. lwt., equivalent to 1ml every 30 kg. lwt. In infectious keratoconjunctivitis and foot rot, apply 5 to 10 mg kg. lwt., equivalent to 1 ml every 30 to 60 kg lwt.

#### PRESENTATION

Bottles of 10 ml, 100 ml and 250 ml.



## Cefametrin

Intrauterine antibiotic  
Injectable

### FORMULA

**Each syringe contains**

Cephapirin (as benzathine salt) 500 mg  
Formulation agents q.s. 20 g

### INDICATIONS

Subacute or chronic endometritis in cows from 14 days postpartum. It can also be used in the treatment of repeat breeder cows after the 2nd or 3rd unsuccessful insemination.

### DOSAGE

The package includes a pipette, to facilitate administration. Administer the content of a 20 g syringe containing 500 mg of Cephapirin, per animal.  
Intrauterine route.

### PRESENTATION

Box of 12 syringes x 20 g



## Duvamicina 5M

Antibiotic. Antipyretic with enzymes.  
Injectable

### FORMULA

**Vial with solid drug**

Penicillin G Sodium	1,300,000 UI
Penicillin G benzathine	2,500,000 IU
Procaine penicillin G	1,200,000 UI
Streptomycin sulfate	2,000 mg
Dipyron	1,000 mg
Alpha Chymotrypsin	10,000 UI
Trypsin	2,500 UI
Chlorpheniramine Maleate	40 mg
Tween 80	150 mg

**Vial with diluent**

Lidocaine hydrochloride	60 mg
Nipagin Sodium	30 ml
Distilled water q.s.	15 ml

### INDICATIONS

Calf pneumoenteritis. Equine adenitis. Purulent, encapsulated or nonencapsulated processes. Nephritis. Pyelonephritis. Pyometra. Blackleg (Symptomatic Carbuncle) Malignant edema. Tetanus. Mastitis. Strepto and staphylococci. Germs associated with viral diseases. Indicated for treatment of diseases caused by germs sensitive to its spectrum.

### DOSAGE

**Adult Bovines and Equines**

5,000,000 to 10,000,000 UI

**Young Bovines and Equines**

2,500,000 to 5,000,000 UI

**Calves and Foals**

1,200,000 to 2,500,000 UI

**Sheep and Swine**

1,200,000 to 2,500,000 UI

Intramuscular or subcutaneous route.



### PRESENTATION

Box x 6 vials of solid drug and 6 vials of diluent. Box x 25 vials of solid drug and 25 vials of diluent.



## Duvabron 5M

Mucolytic antibiotic for the respiratory tract

Injectable

### FORMULA

#### Solid drug

Penicillin G Sodium	1,300,000 UI
Penicillin G Procaine	1,200,000 UI
Penicillin G Benzathine	2,500,000 UI
Streptomycin Sulfate	2,000 mg
Dipyrrone	1,000 mg
Alpha Chymotrypsin	10,000 UI
Trypsin	2,500 UI
Chlorpheniramine Maleate	40 mg
Tween 80	150 mg

#### Diluent

Glyceril Guayacolate	200 mg
Niketamide	500 mg
Bromhexine Hydrochloride	30 mg
Sodium Nipagin	30 ml
Bidistilled water q.s.	15 ml

### INDICATIONS

Acute and chronic respiratory disorders. Bronchitis. Pneumonia of calves, equines, bovines, and swine. Bronchopneumonia. Pneumoenteritis. Sinusitis. Rhinitis. Pulmonary complications of viral diseases.

### DOSAGE

#### Adult Equines and Bovines

5,000,000 to 10,000,000 UI

#### Young Equines and Bovines

2,500,000 to 5,000,000 UI

#### Foals and Calves

1,200,000 to 2,500,000 UI

#### Sheep and Swine

1,200,000 to 2,500,000 UI

Intramuscular or subcutaneous route.

### PRESENTATION

Box x 25 vials of solid drug and 25 vials of diluent.

Box x 6 vials of solid drug and 6 vials of diluent.

## Florfarma 30

Broad-spectrum Antibiotic.

Quick action. Long duration

Injectable

### FORMULA

Florfenicol	30 g
Excipients q.s.	100 ml

### INDICATIONS

It is a very active antibiotic against germs g<sup>+</sup> and g<sup>-</sup> of domestic animals. Florfarma 30 acts on pathogenic bacteria most commonly implicated in bovine respiratory disease (*Pasteurella haemolytica*, *Mannheimia multocida*, *Histophilus somni*). Infectious keratoconjunctivitis (*Moraxella*). Necrotizing pododermatitis (*Bacteroides nodosus*, *Bacteroides melanogenicus*). Calf diarrhea (*Escherichia coli*, salmonellas). Genital tract infections and infections in general. To combat diseases of bovines sensitive to florfenicol.

### DOSAGE

Intramuscular route in the neck side, administer at a rate of 20 mg x kg. lwt, equivalent to 1 ml every 15 kg bw, repeating every 48 hours, until symptoms subside. Do not apply more than 20 ml per inoculation area.

### PRESENTATION

Bottle of 100 ml.





## Cloxilina M

Antibiotic  
Intramammary

### FORMULA

Cloxacillin (as sodium salt)	210 mg
Ampicillin (as sodium salt)	75 mg
Excipient q.s.	8 g

### INDICATIONS

Antibiotic association for the treatment of clinical mastitis in lactating cows.

### DOSAGE

Administer the content of one syringe (8.0 g) per quarter, immediately after milking. Apply three (3) syringes 12 hours apart.

### PRESENTATION

Box 144 syringes of 8 g



## Cloxilina S

Intramammary antibiotic  
Intramammary

### FORMULA

Cloxacillin (as benzathine salt)	600 mg
Ampicillin (as Trihydrate)	300 mg
Formulation agents q.s.	8 g

### INDICATIONS

Intramammary antibiotic association, to be administered at the time of dry-off in order to prevent future infections. It is a very broad-spectrum antibiotic association. Some of the sensitive microorganisms of interest for the specified indications are: *Streptococcus agalactiae*, *Streptococcus pyogenes*, *Streptococcus uberis*, *Staphylococcus aureus*, *Corynebacterium pyogenes*, *Escherichia coli*.

### DOSAGE

Intramammary. After thoroughly milking, the teat must be sanitized and disinfected with alcohol or another disinfectant, then the cannula is inserted into the teat and the entire content of the syringe. It is advisable to perform an upward massage to

promote the dispersion of the product in the mammary parenchyma. Apply one syringe per quarter at the time of dry-off.

### PRESENTATION

Prefilled syringes containing 8 g each. Boxes containing 144 syringes.



## Oxifarma L.A.

Long-acting, broad-spectrum antibiotic  
Injectable

### FORMULA

Formula based on Oxytetracycline, in a stabilizing excipient, containing 200 mg x ml of Oxytetracycline base.

### INDICATIONS

Treatment of diseases produced by or associated with microorganisms susceptible to Oxytetracycline in cattle, sheep, pigs, rabbits, etc.  
Long-acting, broad-spectrum antibiotic.

### DOSAGE

**Bovines or Sheep** 1 ml each 10 kg lwt. Intramuscular route.

**Swine** 1 ml each 10 kg lwt. Subcutaneous route.

**Piglets of 2 to 10 kg lwt.** Apply 1 ml per animal. Intramuscular route.

**Rabbits** 0.25 ml each 10 kg lwt. Subcutaneous route.

### PRESENTATION

Bottles x 50 and 250 ml.



## Oxiton

Broad-spectrum Antihistamine Antibiotic  
Injectable

### FORMULA

Oxytetracycline hydrochloride USP	5.7 g
2 p-chloro-aminoethyl benzylpyridine bimalate Diethylamino - 2', 6' acetoxylidide hydrochloride	0.6 g
Magnesium Chloride hexahydrate	2 g
2-aminoethanol	3.5 g
1-2 propanediol	80 g
Distilled water q.s.	100 ml

### INDICATIONS

Broad-spectrum antimicrobial therapy. Immediate action and maximum tolerance, indicated for treatment of a wide range of infectious diseases in cattle, sheep, pigs, dogs, cats, rabbits, etc.

### DOSAGE

**Large animals** 3-5 mg per kg lwt.

**Medium animals** 6-8 mg per kg lwt.

**Small animals** 10 mg per kg lwt.

Intramuscular, Subcutaneous or Slow Endovenous route.

### PRESENTATION

Bottles x 50 y 250 ml.



## Oxiton Ovulos

Chemotherapy Antibiotic with enzymes

Effervescent ovules

### FORMULA

Oxytetracycline hydrochloride	500 mg
Neomycin sulfate	150 mg
Papain	1,000 mg
Effervescent excipient q.s.	5,000 mg

### INDICATIONS

Prevention and treatment of infectious processes of the uterine tract. Metritis. Endometritis. Retained placenta Abortions. Vaginitis. Pyometra. Secondary infections after cesarean sections, fetotomies, etc., in large and small animals.

### DOSAGE

**Equines and Bovines:** 2-3 ovules per day for 3 days.

**Sheep, goats and swine:** 1-2 ovules per day for 3 days.

**Canines and felines:** 1/2-1 ovule per day for 3 days. These doses can vary according to the case or professional criteria.

Vaginal route.

### PRESENTATION

Box x 60 ovules.



## Cumetyl Duo

Antibiotic. Analgesic.

Anti-inflammatory. Antipyretic

Injectable

### FORMULA

Tilmicosin (as phosphate)	30.00 g
Flunixin (as meglumine)	5.00 g
Formulation agents q.s.	100.00 ml

### INDICATIONS

Cumetyl Duo is an antibiotic for use in cattle, with strong analgesic, anti-inflammatory and antipyretic action indicated for treatment of the infectious process and febrile syndrome of: Bovine respiratory diseases (BRD), especially those associated with *Pasteurella haemolytica* and *multocida* and other microorganisms sensitive to tilmicosin.

Infectious bovine keratoconjunctivitis, associated with strains susceptible to tilmicosin, of *Moraxella bovis*. Necrotic pododermatitis (Foot rot) associated with *Fusobacterium necrophorum*. Among other susceptible germs of importance in veterinary medicine.

### DOSAGE

Administer the product via subcutaneous route exclusively.

#### Pneumonia:

(10 mg/kg) 1 ml of CUMETYL DUO per 30 kg of weight.

#### Keratoconjunctivitis and Foot rot:

(5 to 10 mg/kg) 1 ml of CUMETYL DUO every 30 to 60 kg of weight, depending on the severity of the case and the criteria of the veterinarian.

### PRESENTATION

Ampoule of 10, 25, 50 and 100 ml.





**Iverton L.A. 1.25**  
Endectocidal  
Anti-mange - Tick killer  
Injectable - Long acting

**FORMULA**

Ivermectin	1.25 g
Excipient q.s.	100 ml

**INDICATIONS**

**Bovines** Gastrointestinal parasites, pulmonary parasites. Ectoparasites, mange, sucking lice. Myiasis, tropical warble fly. Navel myiasis and castration. Chewing lice. Ticks.  
**Swine** Gastrointestinal parasites, lung parasites. Kidney parasites. Ectoparasites. Mange. Lice. Ticks.

**DOSAGE**

**Bovines** 1 ml per 50 kg of live weight (equivalent to 250 mcg of ivermectin per kg of lwt) apply subcutaneously with 10/18 needles and sterile equipment. To control lice, it is recommended to repeat the treatment after 3 weeks.

**Swine** 1 ml every 33 kg of live weight (equivalent to 375 mcg x kg lwt). Subcutaneous route using 12/6 sterile needles. To control biting-sucking lice, it is recommended to repeat the treatment with an interval of 17/21 days.

**PRESENTATION**

Containers x 500 ml.

## ANTIPARASITICS MODULE

**Iverton L.A. 3.50**

Endectocidal  
Anti-mange - Tick killer -  
Anti-horn fly insecticide  
Injectable - Long acting

**FORMULA**

Ivermectin	3.50 g
Formulation agents q.s.	100 ml

**INDICATIONS**

Endectocidal. Control and simultaneous treatment of internal and external parasites in cattle and sheep. Effective against: Internal parasites, gastrointestinal nematodes, pulmonary nematodes, external parasites.

**DOSAGE**

Administer the product subcutaneously.  
Bovine internal and external parasites and sheep internal parasites: 0.7 mg of Ivermectin/kg (Equivalent to 1ml/50 kg).  
Sheep external parasitic: 1.17 mg/kg of weight (Equivalent to 1ml every 30 kg of weight). A single dose is sufficient for the control of ecto-endoparasites. It is advisable to perform coproparasitological analysis to determine possible reinfestations. Repeat according to the local Health Plan, strategic plans of the establishment and/or professional criteria.

**PRESENTATION**

Ampoule of 50 and 500 ml.



**Iverton L.A. 1%**  
Anti-mange  
Endectocidal  
Injectable - Long acting

**FORMULA**

Ivermectin	1.00 g
Oil excipient	100.00 ml

**INDICATIONS**

Gastrointestinal parasites: *Cooperia pectinata* (adults and L4). Pulmonary parasites, Ectoparasites. Others: Navel and castration myiasis.

**DOSAGE**

**Bovines:** 1ml every 50 kg of live weight (equivalent to 200 mcg/kg). Subcutaneous route.  
Duration of treatment and interval between doses: Depending on the categories and the parasite risk and / or at the discretion of the consulting veterinarian. Prevention of navel myiasis: apply a dose in the first 24 hours of birth; castration: simultaneously with this practice. In these cases, intramuscular route is recommended.

**PRESENTATION**

Ampoule of 500 ml.





## Triclapharma

Internal Antiparasitic  
Fasciolicidal

Oral suspension

### FORMULA

Triclabendazole 10 g  
Excipient q.s. 100 ml

### INDICATIONS

Control and treatment of parasitosis by *Fasciola hepatica*, *Fasciola gigantica*, *Fascioloides magna* and *Paragonimus* spp in South American cattle, sheep, goats and laminioids. It controls the early immature, immature and adult stages.

### DOSAGE

**Cattle:** 1ml every 8 kg lwt. **South American sheep, goats and laminioids:** 1 ml every 10 kg lwt. Administer orally through a dosing syringe.

### PRESENTATION

Container of 500, 1000 and 2500 ml.



## Iversol Duo

Endectocidal

Oral suspension

### FORMULA

Each 100 ml contains  
Levamisole Hydrochloride 18.75 g (1)  
Ivermectin 1.00 g  
Ivermectin 1.00 g  
Excipients q.s 100 ml (1) equivalent to levamisole phosphate 22.3 g

### INDICATIONS

Ecto-endoparasiticide of bovines; for the control of: Gastrointestinal parasites:

*Bunostomum phlebotomum* (adults L3 and L4), *Cooperia oncophora* (adults and L4), *Cooperia pectinata* (adults and L4), *Cooperia punctata* (adults and L4), *Cooperia* spp. (adults and L3), *Haemonchus placei* (adults L3 and L4), *Mecistocirrus digitatus* (adults), *Nematodirus helvetianus* (adults),

*Nematodirus spathiger* (adults), *Oesophagostomum radiatum* (adults, L3 and L4), *Ostertagia lyrata* (adults and L4), *Ostertagia ostertagi* (adults, L3 and L4 including inhibited larvae), *Strongyloides papillosus* (adults), *Trichostrongylus axei* (adults and L4), *Trichostrongylus colubriformis* (adults and L4).

### Ectoparasites:

**Mange:** Cutaneous Acariosis produced by: *Psoroptes communisvar. Bovis* (*Psoroptosis*).  
**Sucking lice:** *Haematopinus eurysternus*, *Linognatus vituli*, *Solenopotes capillatus*.

### DOSAGE

**Bovines:** 1ml every 22.5 kg of live weight equivalent to: 444 mcg of Ivermectin/kg weight; 8.33 mcg of Levamisole/kg of weight.

### PRESENTATION

Container of 500, 1000 and 2500 ml.



## ANTIPARASITICS MODULE (INTERNAL)

**Cumezole 3.8%**  
Broad-spectrum internal  
antiparasitic  
Oral

### FORMULA

Albendazole	3.8%
Cobalt, sulfate	1.3 g
Excipient q.s.	100 ml

### INDICATIONS

To be used in the treatment of helminths that commonly affect the gastrointestinal and pulmonary tracts of sheep, causing gastroenteritis and verminous bronchitis.

### DOSAGE

Orally administer 1 ml every 10 kg lwt. In case of tapeworm infestation, double the dose.

### PRESENTATION

Containers containing 1Lt and 5 Lt.



**Cumezole Co. 10%**  
Broad-spectrum internal  
antiparasitic  
Oral

### FORMULA

Albendazole	10 g
Cobalt Sulfate	1.3 g
Excipient q.s.	100 ml

### INDICATIONS

Treatment of helminths that commonly affect cattle gastrointestinal tract and lungs, causing gastroenteritis and verminous bronchitis. Vermicide. Larvicide. Ovicidal.

### DOSAGE

Apply with a dosing gun, nasoesophageal tube, syringe, etc. Round and pulmonary Gastrointestinal parasites 5 ml every 100 kg lwt. In case of Type II Ostertagiasis: 7.5 ml every 100 kg lwt. In the presence of Tapeworms, 10 ml each 100 kg lwt. Orally.

### PRESENTATION

Containers x 1 and 5 Lt.



**Atrisan**  
Piroplasmicide. Antipyretic.  
Restorative  
Injectable

### FORMULA

Diminazene diacetate	5.250 g
Antipyrine	40 g
HE 17	3 g
Excipient q.s.	100 ml

### INDICATIONS

Treatment of Piroplasmosis (Argentinian Babesia. Babesia bigemina) and trypanosomiasis in Bovines, Equines, Sheep, Goats, Swine and Canines.

### DOSAGE

**Guide dose** 1ml each 15 kg lwt. (3.5 mg of Diminazene per kg lwt.) It is advisable not to exceed the maximum dose of 70 ml per animal. In animals without symptoms, it is advisable to administer half of the curative dose, to reach a state of premunition. In hip disease, administer 1 ml every 10 kg lwt. and repeat after 8 days. Deep intramuscular route.

### PRESENTATION

Bottles x 20 and 100 ml.



## ANTIPARASITICS MODULE (EXTERNAL)

### Cumefly Plus

External antiparasitic

Pour-on

#### FORMULA

Each 100 g contain	
Cypermethrin	5 g
DDVP	1 g
Excipient q.s.	100 g

#### INDICATIONS

Control and treatment of sucking lice (*Haematopinus eurysternus* and *suis*)  
*Linognathus vituli*. Chewing lice (*Dalmanilea bovis*). As a preventive of the discomfort caused by Diptera (housefly, horn fly, mosquitoes, horseflies) in bovines and swine.

#### DOSAGE

**Horn fly**

**Bovines up to 400 kg** 10 ml.

**More than 400 kg** 20 ml.

**Diptera**

**Bovines and Swine up to 150 kg.**  
10 ml.

**More than 150 kg** 20 ml.

**Lice**

**Bovines** 10 ml

**Swine** 5 ml Local application, pour-on.

#### PRESENTATION

Containers x 1 and 5 Lt.

### Acarox Ambiental

Insecticide. Low toxicity.

Long-lasting effect

#### FORMULA

Cypermethrin	10 g
Piperonyl butoxide	10 g
Excipient q.s.	100 ml

#### INDICATIONS

Broad-spectrum insecticide and repellent with long residual power for indoors and outdoors. Houses, halls. Rural parks and facilities. Eliminates and repels insects on animals or in the facilities where they live (dairy farms, pigsty, poultry farms, etc.).

#### DOSAGE

Apply by sprinkling, spraying, diluted in water, kerosene or gas oil.

**Flying insects** 20 ml each 10 Lt.

**Crawling insects** 40 ml each 10 Lt.

#### PRESENTATION

Containers x 100 and 1,000 ml.



## Acarox Pour On Ovinos

External antiparasitic.  
Anti-horn fly insecticide - Louse killer.

Pour-on

### FORMULA

Cypermethrin	4.80 g
Imidacloprid	4.00 g
Piperonyl butoxide	4.80 g
Excipient q.s.	100 ml

### INDICATIONS

Chewing lice treatment (Bovicola spp.) and sheep ked (Melophagus ovinus).

### DOSAGE

**External use exclusively.**

The product is ready to use. Apply to sheep, by spillage (pour on system) from the withers to the rump, separating the fleece and applying to the skin.

The therapeutic dose corresponds to 1ml every 2 kg of live weight equivalent to 5 ml every 10 kg of lwt.

### PRESENTATION

Containers x 1 and 5 Lt.



## Acarox FC

External antiparasitic

Pour-on

### FORMULA

Fluazuron	2.50 g
Cypermethrin	5.00 g
Excipient q.s.	100 ml

### INDICATIONS

For strategic control of cattle ticks.

### DOSAGE

Administer a dose of 1 ml/10 kg of live weight preferably with animals free from infestation of adult or developing R (B) microplus ticks.

### PRESENTATION

Containers x 1 and 5 Lt.





## ANTI-INFLAMMATORY MODULE (ENZYMATICS)

### Desbridan - T

Anti-inflammatory. Enzymatic  
Injectable

#### FORMULA

Alphachymotrypsin	400000 UI
Trypsin	100000 UI
Hyaluronidase	500 UI
D.M.S.O.	1000 mg
Nipagin	200 mg
Physiological Sol. q.s.	100 ml

#### INDICATIONS

Adjuvant in the treatment of inflammation and edema in general.  
 Traumatic pericarditis. Ulcers.  
 Suppurative arthritis.  
 Keratoconjunctivitis. Osteomyelitis.  
 Mastitis, etc.

Adjuvant to antimicrobial therapy. In this case, administer the corresponding dose, together with the antibiotic, in separate syringes. Indicated in local infections where the proteolysis of dead tissues is necessary (biological curette).

#### DOSAGE

**Bovines and equines** 10 ml each  
12/24 hrs.

**Canines and felines** 1-2 ml each  
12/24 hrs.

**Sheep and swine** 5 ml each 12/24  
hrs.

Intramuscular route or local  
application.

#### PRESENTATION

Vial x 10 and 100 ml.



## ANTI-INFLAMMATORY MODULE (STEROIDS)

### Dexametasona 2.5 mg

Corticosteroid antiphlogistic

Injectable

#### FORMULA

Dexamethasone-21-disodium phosphate	250 mg
Stabilizing vehicle q.s.	100 ml

#### INDICATIONS

Arthritic processes, myositis and fibrocytis, skin problems (pruritus, eczema, nonspecific dermatitis), acetonemia, horses subjected to intense efforts, traumatic and surgical complications.  
Allergies and Anaphylaxis.

#### DOSAGE

**Bovines and equines** 5 a 10 ml each 12-24 hs.

**Canines and felines** up to 1 ml each 12-24 hs.

Subcutaneous Intramuscular or Endovenous Route depending on the case and medical prescription.

#### PRESENTATION

Box x 12 ampoule bottles x 10 ml  
Vial x 50 ml.



### Duvadexa Depot

Anti-inflammatory Corticosteroid Depot

Injectable

#### FORMULA

Dexamethasone sodium phosphate	1 mg
Dexamethasone acetate	2 mg
Excipient q.s.	1 ml

#### INDICATIONS

Arthritis. Myositis. Synovitis. Hydrarthrosis. Rheumatic conditions. Acetonemia. Allergies and anaphylaxis. Surgical and traumatic shocks. Stress. Dermatitis. Eczema. Neuritis. Tendinitis Bursitis. Acute mastitis.  
In bacterial diseases, associated with specific antibiotic treatment.  
In general, in all indications of corticosteroid therapy.

#### DOSAGE

**Equines-Bovines** 10-15 ml

**Calves and Foals** 3-5 ml

**Sheep, Swine and Goats** 3-5 ml

**Canines and Felines** 1-2 ml

If a second dose is required, and considering the "depot" action, it can be administered around the 5th day after starting the treatment. These doses can vary according to the case or professional criteria.

Intramuscular or Subcutaneous Route.

#### PRESENTATION

Vials x 10 and 50 ml.



## ANTI-INFLAMMATORY MODULE (NONSTEROIDS)

### Duvamine

Analgesic. Anti-inflammatory.

Antipyretic. Nonnarcotic

Injectable

#### FORMULA

Flunixin (as meglumine)	50 mg
Excipient q.s.	1 ml
Equivalent to 82.95 mg of flunixin meglumine/ml.	

#### INDICATIONS

**Equines** relief of inflammation and pain in musculoskeletal disorders. Osteitis, arthritis, myositis, tendonitis, synovitis. Relief of visceral pain associated with the occurrence of colic.

**Bovines** anti-inflammatory in acute viral, bacterial, respiratory tract (pneumonia and bronchopneumonia) infections, as an adjuvant to antimicrobial treatment. Inflammation and pain associated with gastrointestinal disorders (calf diarrhea, enteritis, salmonellosis, gastroenteritis, colic). Musculoskeletal conditions, lameness, arthritis, paresis.

**Swine** lameness, acute inflammations of the locomotor apparatus.

Metritis mastitis and agalactia syndrome. Febrile syndrome.

#### DOSAGE

**Equines** 1.1 mg of flunixin per kg lwt equivalent to 1 ml every 45 kg lwt, every 24 hours.

The duration of treatment should not be longer than 5 days.

Slow intramuscular or intravenous route, especially in cases of colic to quickly relieve pain.

**Bovines** 2.2 mg of flunixin per kg lwt equivalent to 2 ml every 45 kg lwt per day. The total dose can be divided in half and applied every 12 hours.

Maximum duration of treatment 3 days. In neonatal diarrhea 2/3 ml per calf (generally a single application). Intramuscular or slow intravenous route.

**Swine** 2.2 mg of flunixin per kg lwt equivalent to 2 ml every 45 kg lwt per day. The total dose can be divided into two applications every 12 hours. The duration of treatment should not be prolonged for more than 3 days. Intramuscular route.

#### PRESENTATION

Box containing vial x 10 ml

Box containing vial x 50 ml

Box containing vial x 100 ml



### Reumalisina 200

Analgesic. Antiphlogistic.  
Non-corticosteroid  
antipyretic (NSAID)

Injectable

#### FORMULA

Phenylbutazone	20 gr
Excipients q.s.	100 ml

#### INDICATIONS

Anti-inflammatory. Antipyretic. Analgesic. In arthritic processes in general.

Acute or chronic inflammatory processes of skeletal muscle. In efforts and bruises. Myalgia. Neuralgia.

#### DOSAGE

20 ml daily for 5 consecutive days, which can be repeated until the desired effects are achieved, according to professional criteria. Slow intravenous route. In bovines, it can be administered intramuscularly.

#### PRESENTATION

Vial x 100 ml.



## HIGH PRODUCTION MODULE

### Adevit

Vitamin  
Injectable

#### FORMULA

Vitamin A Palmitate	50,000,000 IU
Vitamin D	7,500,000 IU
Vitamin E	5.000 mg
Excipient q.s.	100 ml

#### INDICATIONS

Clinical and subclinical hypovitaminosis and avitaminosis. Greater resistance to diseases and stress. Rickets. Osteomalacia. Keratitis. Dermatitis. Low fertility. To improve growing conditions.



Gestation. Lactation. Weaning. Fattening. Training. Convalescence. Postoperative.

#### DOSAGE

**Adult Bovines and Equines** 3-6 ml  
**Adult Steers, Colts, Swine and Sheep** 1-2 ml  
**Calves, Foals, Sheep and Cubs** 1/2-1 ml  
**Lambs and piglets** 1/4-1/2 ml  
Intramuscular route.

#### PRESENTATION

Container x 100 ml.

### Adefarma

Vitamin supplement  
Injectable

#### FORMULA

Vitamin A	4,000,000 IU
Vitamin D3	2,500,000 IU
Vitamin E	500 UI
Excipient q.s.	100 ml

#### INDICATIONS

Prevention and treatment of vitamin A, E and D deficiencies, which are generally manifested with decreased fertility and production of meat, milk and wool rates. Supplement organic vitamin deficiencies from natural sources. Prevents rickets, osteoporosis, keratitis and nervous disorders. It improves the states of weakness and contributes to recovering the sanitary state of the herd during and after critical times such as frosts, droughts, etc.



Improves the conditions of growth, gestation, lactation, weaning, weight gain, convalescence from diseases and postoperative.

#### DOSAGE

**Adult Bovines and Equines** 5 ml  
**Calves and Foals** at birth: 0.5 ml at weaning: 1 ml  
**Sheep and Goats** 0.5 to 2 ml  
**Pigs** 0.5 to 2 ml  
This dose can be repeated every 75 to 90 days, or according to professional criteria.  
Intramuscular route.

#### PRESENTATION

Bottle x 100 and 250 ml.



## Cuprifarma Plus

Copper, Selenium and Zinc in high concentration and prolonged effect

Injectable

### FORMULA

Each 100 ml contain

Copper and Calcium EDTA (2.5 g of Cu)	15.41 g
Sodium selenite (270 mg of Se)	0.40 g
Zinc gluconate (71.7 mg of Zn)	0.50 g
Excipient q.s.	100 ml
Each ml of Cuprifarma Plus contains 25 mg of active copper.	

### INDICATIONS

For the prevention and treatment of Copper, Selenium and Zinc deficiencies in bovines. Coat changes. Loss of appetite, weight. Lack of development. Low fertility. Bone problems. Anemia. Nonspecific diarrhea. Susceptibility to infectious diseases. Decrease in production.

### DOSAGE

Guide dose: 1 ml every 100 kg lwt.

Practical dose:

**Cows and Bulls 4 ml**

**Steers and Heifers 4 ml**

**Calves older than 6 months 3 ml**

**Calves under 6 months 2 ml**

Subcutaneous route exclusively.

### PRESENTATION

Bottle x 250 ml



## Kilonat

Growth and development promoter

Injectable

### FORMULA

Vitamin A	5,000,000 IU
Vitamin D2	15,000,000 IU
Vitamin E	1,000 mg
Purified liver extract	15 g
Chelates of copper, magnesium, iodine, cobalt and manganese.	

### INDICATIONS

Mineral vitamin supplement indicated to reverse deficiencies that manifest as emaciation, anemia, lack of development. Decrease in productive and reproductive rates. Kilonat supplementation promotes development in vitamin and mineral deficient animals.

Kilonat activates the metabolism improving the conversion rates and



weight gain, favoring an optimal use of nutrients in the ration and / or pasture. Being an injectable nutritional supplement, which manages to balance the animal metabolism, putting the productive machine to work fully, it has been called: "The natural fattener".

### DOSAGE

**Short winter**

10/20 ml every 30 days.

**Traditional winter** 10/20 ml every 60 days.

**Feed lot development and fattening**

10/20 ml every 45 days.

**Adult Bovines up to 250 kg 10 ml more than 250 kg 20 ml**

**Adult capons and pigs 5ml Repeat every 30 days.**

### PRESENTATION

Bottle of 500 ml.



### Layocal Mg 3500

Magnesium mineral supplement with amino acids

Injectable

#### FORMULA

Magnesium gluconate	30 g
Calcium gluconate	7 g
Copper gluconate	0.50 g
Manganese gluconate	0.40 g
Cobalt gluconate	0.50 g
Zinc gluconate	0.30 g
Magnesium chloride	5 g
Caffeine citrate	0.25 g
Chlorpheniramine maleate	0.025 g
Sodium glycerophosphate	8 g
Boric acid	4.5 g
L-Arginine	0.03 g
L-Ornithine	0.03 g
L-Methionine	0.04 g
L-Lysine	0.04 g

L-Phenylalanine	0.03 g
L-Valine	0.03 g
Excipient q.s.	1000 ml

#### INDICATIONS

Hypomagnesemia. Deficiency states due to lack of trace elements. Weaning. Stress produced by vaccinations, transfers, etc. Ruminant atony.

#### DOSAGE

**Canines and felines** 0,5-2 ml  
**Sheep and swine** 3-25 ml  
**Equines and Bovines** 20-100 ml  
 These doses can vary according to the case or professional criteria.  
 Subcutaneous or Endovenous route

#### PRESENTATION

Container x 500 ml.



### Foselvit

Mineral vitamin supplement

Injectable

#### FORMULA

Vitamin E (tocopherol acetate)	1,400 IU
Vitamin A (palmitate)	500,000 IU
Sodium selenite	0.38 g
Disodium phosphate	3.00 g
Monosodium phosphate	3.00 g
Excipient q.s.	100 ml

#### INDICATIONS

Foselvit is a fertile heat starter. It is a mineralizing vitamin indicated for prevention and treatment of deficiency and pre-deficiency states of phosphorus, selenium, vitamin E and A. The aforementioned deficiencies can manifest as nutritional infertility in males and females (anestrus due to ovarian dysfunction). Abortions. Embryo reabsorption. Retained

placenta. Postpartum metritis, etc. Growth retardation. White muscle disease. Loss of defenses due to stress. Weaning. Harness. Enzootic Calcinosis. Hypophosphorosis. Physiological wear due to service, gestation, delivery, lactation. Promoter of growth, fattening and dairy production.

#### DOSAGE

Guide dose  
 2 ml every 50 kg of weight.  
 Adult bovines and equines 10/20 ml.  
 Calves and foals 5/10 ml.  
 Sheep, goats and swine 5 ml.  
 Systematic administration: apply every 60-90 days.  
 Strategic administration: apply 45 days before starting the service. 60 and 30 days before delivery.  
 30 days after delivery.

#### PRESENTATION

Bottle x 500 ml.



## Oli-Vit Se

Mineralizing restorative  
antianemic

Injectable

### FORMULA

Vitamin A Palmitate	2,000,000 IU
Vitamin E	500 mg
Vitamin D2	10,000,000 IU
Liver Extract	
(14-17 mcg B12 x g)	10,000 mg
Sodium selenite	60 mg
Borogluconate of	
Manganese	100 mg
Magnesium	500 mg
Cobalt	100 mg
Calcium	800 mg
Copper	150 mg
Zinc	150 mg
Potassium iodide	200 mg
A.T.P	200 mg
L-Arginine	30 mg
L-Methionine	40 mg
L-Lysine	30 mg
Glicine	60 mg
Ammonium ferric citrate	350 mg
Sodium glycerophosphate	2,000 mg
Sodium selenite	1,000 mg
F.C.P. (Phycocolloids Purif.)	40 ml
Excipient q.s.	100 ml

### INDICATIONS

Prevention and treatment of deficiency and pre-deficiency states of vitamins, minerals and amino acids. Growth and fattening. General restorative of animals in poor condition, such as cattle, horses, sheep and pigs.

It is particularly efficient in increasing growth and improving productive parameters such as fertility, pregnancy, birth percentage, milk production, meat production, higher weaning weight, better carcass, etc.

### DOSAGE

**Adult bovines and equines**

10 ml/20 ml

**Calves and foals** 5 ml/10 ml

**Sheep and swine** 5 ml

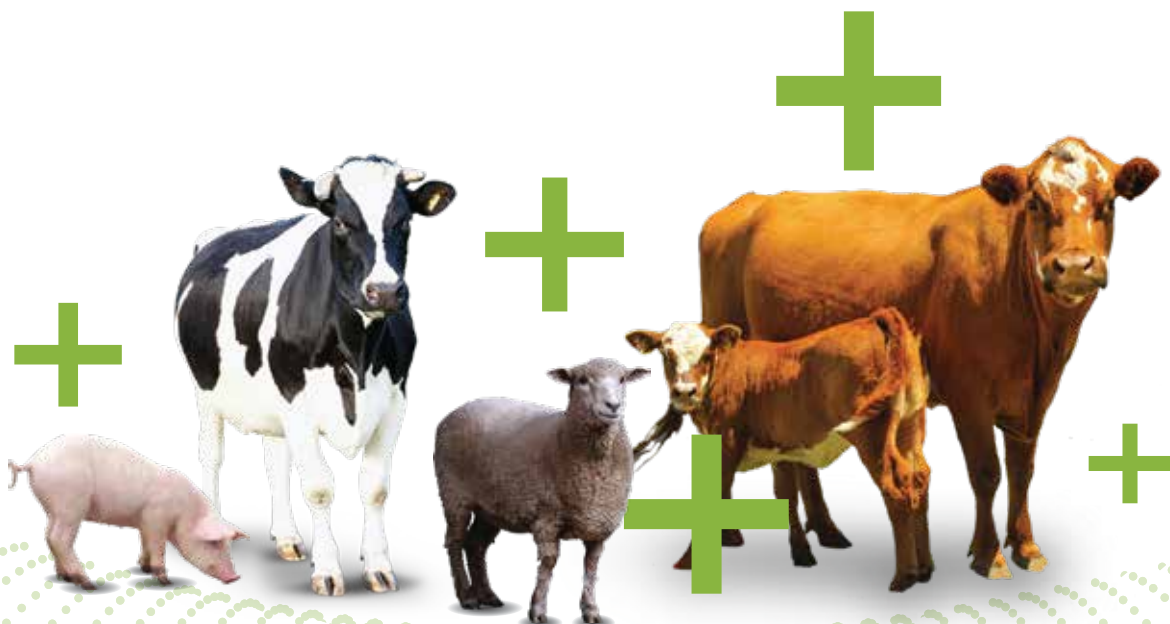
**Lambs and piglets** 2-3.5 ml

These doses can vary according to the case or professional criteria.

Preventive: every 30 days. Curative: every 15 days. Subcutaneous and Intramuscular Route.

### PRESENTATION

Containers x 250 and 500 ml.



## DOWNER COW MODULE

### Layocal Calcio

Caffeinated magnesium vitamin  
calcifier

Injectable

#### FORMULA

Boric acid	40 g
Magnesium chloride	24 g
Dextrose	160 g
Caffeine	2000 mg
Citric acid	2 g
Chlorpheniramine maleate	400 mg
Cyanocobalamin (B12)	4000 mcg
Thiamine hydrochloride	2400 mg
Calcium dextrosaccharate	10 g
Calcium gluconate	200 g
Magnesium hypophosphite	12 mg
Arginine L-aspartate	1200 mg
L-Ornithine	400 ml
Excipient q.s.	1000 g

#### INDICATIONS

Hypocalcemia. Hypomagnesemia.  
Acetonemia. Tetany. Eclampsia.  
Spasmodic neuroses. Vitular fever.  
Pregnancy and Lactation. Pre and  
postpartum paralysis. Rickets.  
Osteomalacia. Uterine atony. Grass  
tetany. Intoxication. Poisoning.



### Combio B2000

Complex B with factor H3

Injectable

#### FORMULA

##### Combio No. 1

Thiamine Hydrochloride	500 mg
Rivoflavin phosphate	50 mg
Nicotinamide	1,000 mg
Vitamin B15	100 mg
Pyridoxine hydrochloride	100 mg
Calcium pantothenate	150 mg

##### Combio No. 2

Vitamin B12	2,000 mcg
Procaine (Factor H3)	1,500 mg
Excipient q.s.	20 ml

#### INDICATIONS

Animals subjected to intense physical  
and emotional wear (race, jumping,  
polo horses, dairy cows, etc.).  
Arthritic states. Neuropathies.  
Muscular atrophy. Anemic states.  
Pains of muscular, nervous, rheumatic  
origin.  
In all cases where complex B is  
indicated.

#### DOSAGE

In all cases, mix the content of Bottle  
No. 1 with No. 2.  
Large animals: 1 ampoule every other  
day.  
Medium animals: 1/2 ampoule every  
other day.  
In series of 5-10 applications. These  
doses and the duration of treatment  
can vary according to the case and /  
or professional criteria.  
Intramuscular, Subcutaneous or Slow  
Endovenous route.

#### PRESENTATION

Boxes of 30 vials of Combio No. 1 and  
No. 2.

#### DOSAGE

**Bovines and Equines** 250-500 ml.  
**Calves, foals, sheep and swine**  
100-200 ml.

**Canines** 5-20 ml.

Endovenous or Intramuscular route.  
It is convenient to apply half the dose  
endovenously and half  
intramuscularly. Intramuscular route.

#### PRESENTATION

Container x 500 ml.





## SPECIFIC MODULE

### Duvasone

Anti-oedematous. Steroid  
anti-inflammatory diuretic  
Injectable

#### FORMULA

Furosemide	5.3 g
Dexamethasone sodium phosphate	0.055 g
Excipient q.s.	100 ml

#### INDICATIONS

Edema of various origins, in cattle,  
sheep and horses.  
Especially indicated in peripartum  
udder edema in bovines.

#### DOSAGE

The general dose is 0.5 ml every 20  
kg lwt. It can be repeated at 24 hours.  
The duration of treatment varies  
according to the clinical picture, but in  
general, the administration of 2 doses  
with an interval of 24 hours is  
sufficient.

Doses should be adjusted according to  
the severity of the edema and the size  
of the animal.

Remission of edema occurs between  
12 and 24 hours after applying the  
treatment.

Udder edema in cattle, initial dose  
10-20 ml; repeat if necessary after 24  
hours. Intramuscular or subcutaneous  
route.

#### PRESENTATION

Vial x 10 ml and 50 ml.





**Suero Glucosado Hipertónico al 50%**  
Energetic. Detoxifying. Diuretic  
Injectable

**FORMULA**

Dextrose	50 g
Sodium chloride	0.5 g
Sodium glycerophosphate	0.5 g
Pure phenol	0.01 g
Benzyl alcohol	0.92 g
Bidistilled water q.s.	100 ml

**INDICATIONS**

In all those cases in which the application of Serum is required.

**DOSAGE**

Guide dose: 0.5-1 ml per kg of lwt., according to professional criteria. Endovenous route exclusively.

**PRESENTATION**

Container x 500 ml.



**REHYDRATING MODULE**

**Duva Rehidratante**  
Electrolytic rehydrator with amino acids  
Injectable

**FORMULA**

Anhydrous calcium chloride	0.5 g
Magnesium chloride hexahydrate	0.3 g
Cobalt chloride	0.1 g
Potassium citrate	1.0 g
Sodium chloride	8.5 g
Sodium citrate	1 g
Glucose	25 g
Fructose	25 g
L-Arginine	1.5 g
L-Histidine hydrochloride	1.2 g
L-Leucine	1.2 g
L-Tryptophan	0.5 g
L-Cysteine	0.5 g
L-Lysine	1.6 g
L-Glycine	3.6 g
L-Methionine	1.5 g
Bidistilled water q.s.	1,000 ml

**INDICATIONS**

Dehydration of any etiology (diarrhea, vomiting, etc.). Intoxication. States of physical exhaustion. Loss of electrolytes. Hemorrhage. Stress. Hypoproteinemia. Polyuria. Hepatopathy. Intense sweating. Convalescence. Overtraining. Surgical or traumatic shock. Lack of appetite.

**DOSAGE**

**Guide dose:** 0.5-1 ml per kg. lwt. Bovines, Equines, Sheep, Swine, Canines and Felines. This dose can vary according to the case or professional criteria. Endovenous or Subcutaneous route.

**PRESENTATION**

Container x 500 ml.



**Electromas**  
Rehydrating. Soluble powder  
Oral

**FORMULA**

**Every 100 g contains**

Magnesium carbonate	4 g
Magnesium oxide	3 g
Sodium bicarbonate	39 g
Potassium chloride	8 g
Calcium chloride	3 g
Sodium chloride	43 g

**INDICATIONS**

Prevention and treatment of electrolyte losses in diarrhea, colic, excessive sweating, etc. in all species.

**DOSAGE**

**Calves:** Dissolve the content of one sachet (50 g) in 2 liters of water, shake until dissolved and administer 1 or 2 times a day for 2-3 days. Then reduce to half and begin the administration of milk substitutes (1 Lt x meal) for 2 days, until returning to the normal level of nutrition. In cases of bacterial diarrhea, administer antibiotics.

**Adult equines:** 1 sachet (50 g) dissolved in drinking water or administered by nasoesophageal tube is enough to compensate for the electrolyte losses produced by regular work.

In cases of diarrhea, colic, etc., double the dose. It does not contain glucose.

**PRESENTATION**

Package x 1 kg (20 sachets x 50 g each).

## Layocal Plus Magnesio

Caffeinated magnesium vitamin  
calcifier  
Injectable

### FORMULA

Boric acid	40 g
Magnesium chloride (GH20)	100 g
Dextrose	120 g
Caffeine	2000 mg
Citric acid	2 g
Chlorpheniramine maleate	400 mg
Thiamine hydrochloride	2400 mg
Cyanocobalamin (B12)	4000 mcg
Calcium dextrosacarat	10 g
Gluconate calcium	120 g
Hypophosphite magnesium	20 g
Hypophosphite sodium	20 g
Arginine L-aspartate	1200 mg
L-Ornithine	400 mg
Excipient q.s.	1000 ml



### INDICATIONS

Hypocalcemia. Hypomagnesemia.  
Acetonemia. Tetany. Eclampsia.  
Spasmodic neuroses. Vitular fever.  
Pregnancy and Lactation. Pre and  
postpartum paralysis. Rickets.  
Osteomalacia. Uterine atony. Grass  
tetany. Intoxication. Poisoning.

### DOSAGE

**Equines and Bovines:** 250-500 ml.  
**Calves, foals, sheep and swine:**  
100-200 ml.  
**Canines:** 5-20 ml.  
Endovenous or Intramuscular route.  
It is convenient to apply half the dose  
via Endovenous and half via  
Intramuscular.

### PRESENTATION

Container x 500 ml.



## Newbestrin 50 with B1-B12

Vitamin neurotonic  
Injectable

### FORMULA

Thiamine hydrochloride (B1)	800 mg
Sodium glycerophosphate	500 mg
Vitamin B12	1000 mcg
Propylparaben	10 mg
Distilled water q.s.	10 ml

### INDICATIONS

Neurotonic therapy indicated in:  
Paralysis. Paresis. Neuritis. Adjuvant  
in the treatment of "Downer cow  
syndrome". Neurological sequelae of  
Carre's disease. Neuromuscular  
stimulant.

### DOSAGE

**Bovines and Equines:** 5-10 ml.  
**Sheep and Swine:** 1-2 ml.  
These doses can be repeated  
according to the case and / or  
professional criteria.  
Subcutaneous route only.

### PRESENTATION

Box with 24 vials x 20 ml.



## REPRODUCTION MODULE

### **Cloprostenol** Hormonal. Luteolytic Injectable

#### **FORMULA**

D-(+)-Cloprostenol sodium	0.075 mg
Formulation agents	1 ml

#### **INDICATIONS**

Heat synchronization. Functional disorders of the estrous cycle. Induction to labor or abortion. Functional disorders of the ovaries (luteal or follicular cysts). Postpartum uterine pathologies (pyometra, endometritis).

#### **DOSAGE**

**Bovines:** 2 ml. Chronic endometritis, pyometra. Interruption of pregnancy. Induction of labor. Heat

synchronization: double injection with an interval of 11 days, injection and detection, FTAI programs, etc. For more information, see package insert.

**Equines:** 1 ml. Anestrus due to persistent corpus luteum. Heat induction after delivery. Induction of labor.

For more information, see package insert.

**Swine:** 1 ml.  
Induction of labor. For more information, see package insert.  
Intramuscular route exclusively.

#### **PRESENTATION**

Ampoule of 20 ml, 50 ml and 100 ml.





## UPCOMING RELEASES



**Agronyl**  
External Antiparasitic  
Vía intramuscular o subcutánea

**FORMULA**

Fipronil	1.00 g
Formulation agents q.s.	100 ml

**INDICATIONS**

Treatment and control of ticks, horn fly, tropical warble fly.

**DOSAGE**

The dose is 1 ml for every 10 kg of weight. The product is ready to use.

**PRESENTATION**

Containers of 1 and 5 Lt.

**Kunafin**  
Antidiarrheal  
Intramuscular or subcutaneous route

**FORMULA**

Enrofloxacin	2.50 g
Benzethimide hydrochloride	0.0165 g
Formulation agents q.s.	100 ml

**INDICATIONS**

Diarrhea of bacterial, viral or parasitic origin, complicated by bacterial infections in cattle, sheep, pigs, dogs and cats.

**DOSAGE**

General dose is 1 ml/10 kg of weight, subcutaneously or intramuscularly, in all species, except pigs. In pigs, the dose is 5 ml/10 kg of weight. In most cases a single dose is sufficient. If necessary, it can be repeated after 24 and 48 hours. Administer the product intramuscularly or subcutaneously.

**PRESENTATION**

Vial x 20 ml and 100 ml.





## Acarox Spot on Caninos

Antiparasitic. Flea killer. Tick killer

External - Pipette

### FORMULA

Imidacloprid	10.00 g
Permethrin	46.00 g
Formulation agents q.s.	100 ml

### INDICATIONS

For prevention and treatment of flea and tick infestations in dogs. Active against the following parasites: *Ctenocephalides felis*, *Ctenocephalides canis*, *Dermacentor andersoni*, *Dermacentor variabilis*, *Rhipicephalus sanguineus*.

### DOSAGE

Take the pipette out of the package and in a vertical position, remove the cap and pierce the closure. Apply on the standing animal, distributing the dose in 3 or 4 points on the spine, from the neck to the base of the tail. Apply the total content of a pipette according to the following dosage table:

Dogs over 40 kg of weight	6 ml
Dogs 25 to 40 kg of weight	4 ml
Dogs 10 to 25 kg of weight	2.5 ml
Dogs 5 to 10 kg of weight	1 ml
Dogs up to 5 kg of weight	0.5 ml

### PRESENTATION

Disposable, lithographed polyethylene pipette, with individual case and leaflet, containing:  
0.5 ml, 1 ml, 2.5 ml, 4 ml, 6 ml.

## PRODUCTS FOR EXPORT

### Algavit Engorde Plus

Hormonal Growth Promoter  
Subcutaneous route

#### FORMULA

##### Each 100 ml contain

Nandrolone, phenylpropionate	0.260 g
Vitamin A, palmitate	2,400,000 IU
Vitamin D3	600,000 IU
Vitamin E acetate	50 IU
Copper acetate	0.070 g
Potassium chloride	0.030 g
Calcium chloride (anhydrous)	0.070 g
Cobalt chloride (6 H <sub>2</sub> O)	0.020 g
Ferric ammonium citrate	0.300 g
Zinc gluconate	0.002 g
Calcium gluconate	0.010 g
Manganese gluconate	0.002 g
Magnesium chloride (6 H <sub>2</sub> O)	0.035 g
Excipient q.s.	100.00 ml

#### INDICATIONS

Developing or physically handicapped animals. Exhaustion. Adynamia. Emaciation. Lack of appetite, etc.

#### DOSAGE

It must be administered subcutaneously. The dose for adult bovines is 20 ml total per animal.

#### PRESENTATION

Ampoule of 250 and 500 ml.



### Doramax 1 %

Endectocidal

Intramuscular or Subcutaneous route

#### FORMULA

##### Each 100 ml contain

Doramectin	1.0% g
Formulation agents q.s.	100 ml

#### INDICATIONS

Endectocidal. Control and simultaneous treatment of internal and external parasites in cattle, sheep and pigs.

Effective against:

**Bovines/Sheep:** Gastrointestinal parasites, *Cooperia pectinata* (adults and L4). Lung parasites, Ectoparasites, Mange, Sucking lice, Myiasis. Tropical warble fly.

**Swine:** Gastrointestinal parasites, Lung parasites, Kidney parasites, Ectoparasites: Mange, Lice.

#### DOSAGE

Administer the product intramuscularly or subcutaneously.

**Bovines and sheep:** 1 ml every 50 kg of weight.

**Swine:** 1 ml every 33 kg of weight.

**Treatment consists of a single dose, except for sheep mange, in which a second dose should be applied 7 days after the first.**

Repeat according to the local Health Plan, strategic plans of the establishment and / or professional criteria.

#### PRESENTATION

Ampoule of 50, 100, 200 and 500 ml.

## PRODUCTS FOR EXPORT

### Ivernandrol

Avermectin. Hormonal Growth Promoter.

Endectocidal. Anabolic

#### FORMULA

Ivermectin	1.00 g
Nandrolone decanoate	1.00 g
Formulation agents q.s.	100 ml

#### INDICATIONS

Simultaneous control and treatment of internal and external parasitosis and anabolic stimulation in developing or physically handicapped animals, which may present symptoms of emaciation, lack of appetite and delayed development. Effective against: Internal parasites, Gastrointestinal nematodes, Pulmonary nematodes, External parasites.

#### DOSAGE

Administer the product subcutaneously.

**Bovines** 1 ml every 50 kg of weight.

**Swine** 1 ml every 33 kg of weight.

#### PRESENTATION

Ampoule of 25, 50, 100, 250 and 500 ml.

### Kilonat F

Mineral vitamin supplement.

Injectable

#### FORMULA

Each 100 ml contain:

Vitamin A	3,500,000 IU
Vitamin D3	600,000 UI
Vitamin E	70 IU
Calcium gluconate	800 mg
Manganese gluconate	65 mg
Magnesium gluconate	60 mg
Cobalt gluconate	20 mg
Copper gluconate	10 mg
Zinc gluconate	65 mg
Sodium selenite	16 mg
Ammonium ferric citrate	250 mg
Sodium glycerophosphate 50%	1,250 ml
L - Tryptophan	30 mg
L - Leucine	30 mg
L - Arginine	30 mg
L - Methionine	40 mg
L - Lysine	1,000 mg
L - Glicine	40 mg
L - Ornithine	30 mg
L - Valine	30 mg
D - Panthenol	500 mg
Purified phycocolloids	40.000 ml
Excipient q.s.	100 ml

#### INDICATIONS

Mineral vitamin supplement indicated to reverse deficiencies. These deficiencies are expressed as emaciation, anemia, lack of development, decreasing in productive and reproductive rates.

Supplementation with vitamins and minerals promotes development in animals with deficits.

#### DOSAGE

Administer subcutaneously exclusively.

Adult bovines: 20 m.

Calves: 10 ml.

Preventive of deficiencies administer every 30 - 45 days, up to 4 applications.

Curative: Once a week or according to the remission of symptoms, or at the discretion of the acting professional.

#### PRESENTATION

Bottle of 250 and 500 ml.



**AGROPHARMA**



## PRODUCTS FOR EXPORT

### Algavit Calcificante Iodofosforado

Mineralizer with amino acids  
Injectable

#### FORMULA

Borogluconate of:	
Calcium	15 g
Magnesium	3
Zinc	0.050 g
Copper	0.100 g
Manganese	0.200 g
Cobalt	0.050 g
Sodium glycerophosphate	20 g
Ammonium ferric citrate	0.35 g
Vitamin D2	500,000 IU
L-Arginine	0.03 g
L-Leucine	0.025 g
L-Methionine	0.030 g
L-Lysine	0.035 g
L-Phenylalanine	0.020 g
L-Cysteine	0.025 g
Glicine	0.040 g
Sodium Iodide	0.200 g
Potassium iodide	0.200 g
F.C.P. (Phycocolloids Purif.)	40.000 ml
Excipient q.s.	100 ml

#### INDICATIONS

Prevention and treatment of hypocalcemia. Hypomagnesemia. Grass tetany. Transportation fever. Pre and postpartum paralysis. A phosphorus. Rickets. Osteomalacia and other mineral deficiencies such as: Zinc, Iron, Manganese, Cobalt, Copper.

#### DOSAGE

**Bovines-Equines Preventive:** 10-20 ml.

**Sheep, Goats and Swine Preventive:** 2-5 ml.

**Canine and felines:** 0.5-1 ml. Deep intramuscular or subcutaneous route.

**Bovines Curative:** (downer cow): 50-100 ml. Slow Endovenous route. (It can be repeated at 24-48 hours.) These doses can be modified according to the case or professional criteria.

#### PRESENTATION

Container x 250 ml.



### Newmisol F

Internal antiparasitic.  
Imidazothiazole nematocida.  
Injectable

#### FORMULA

Levamisole Phosphate (*)	1.00 g
Formulation agents q.s.	100 ml
(*) Equivalent to 18.00 g of levamisole hydrochloride.	

#### INDICATIONS

Control of bovine endoparasites, caused by gastrointestinal and bronchopulmonary nematodes.

#### DOSAGE

1 ml/50 kg of weight subcutaneously, intramuscularly or intraruminally.

#### PRESENTATION

Bottle x 500 ml.





## PRODUCTS FOR EXPORT

### Newtoncal

Colloidal vitaminized mineralizer  
with amino acids

Injectable

#### FORMULA

Calcium chloride	350 mg
Magnesium chloride	70 mg
Manganese chloride	30 mg
Potassium chloride	20 mg
Zinc chloride	30 mg
Cobalt chloride	30 mg
Copper gluconate	30 mg
Ammonium ferric citrate	250 mg
Sodium glycerophosphate	900 mg
Vitamin A palmitato	1,000,000 mg
Vitamin D2	10,000,000 mg
Vitamin E	30 mg
L-Arginine	70 mg
L-Ornithine	50 mg
L-Methionine	70 mg
L-Lysine	70 mg
L-Phenylalanine	70 mg
L-Valine	50 mg
L-Proline	70 mg
Sodium oleate	900 mg
Excipient q.s.	100 ml

#### INDICATIONS

Prevention and treatment of deficiency and pre-deficiency states of vitamins A, D, E, minerals and amino acids. Weaning. Pregnancy. Lactation and fattening. Tonic in deworming, convalescence. Prevention and treatment of pre and postpartum paresis. Grass tetany, etc. Rickets, Osteomalacia. Fractures.

#### DOSAGE

**Adult Bovines and Equines**

Preventive: 10-20 ml every 30 days.

Curative: 10-20 ml every 2-3 days.

**Calves and foals** Preventive: 5-10 ml every 30 days.

Curative: 5-10 ml every 2-3 days.

**Sheep, goats and swine** 10 ml.

**Canines and felines** 1-5 ml per day.

These doses can vary according to the case or professional criteria.

Subcutaneous route.

#### PRESENTATION

Container x 250 and 500 ml.



### Febemex Co. 10% Broad-spectrum internal antiparasitic

Oral

#### FORMULA

Fenbendazole	10 g
Cobalt sulfate	1.3 g
Excipient q.s.	100 ml

#### INDICATIONS

Treatment of helminths that commonly affect cattle gastrointestinal tract and lungs, causing gastroenteritis and verminous bronchitis.

#### DOSAGE

Oral route, with a dosing gun, nasogastric tube, syringe, mixed with the reaction, etc. 5 ml every 100 kg lwt. In case of winter Ostertagiasis (Type II): 7.5 ml every 100 kg lwt.

#### PRESENTATION

Containers x 1 and 5 Lt.



## PRODUCTS FOR EXPORT

### **Sehrgröb Implantés** Hormonal Growth Promoter Subcutaneous implant

#### **FORMULA**

**Each pellet contains**  
Zeranol  
Formulation agents q.s.

12 mg

#### **INDICATIONS**

Sehrgröb Implantés is an anabolic that produces weight gain and notably improves nutritional efficiency, without side effects.

#### **DOSAGE**

**Bovines** 3 pellets / animal.

**Sheep** 1 pellet / animal. Product for subcutaneous implant only. The product is ready to use. It must be administered subcutaneously as an implant; it is advisable to implant in the subcutaneous tissue behind the pinna.

#### **PRESENTATION**

Disc containing 72 pellets grouped in three per cell.

Content per disc: 24 doses for sheep.



## GENERAL INFORMATION

### SOME NORMAL VALUES IN DOMESTIC ANIMAL URINE

Quantity in 24 hours		Density		pH.	
Equines	3- 10 liters	Equines	1.020-1.050	Equines	7 - 8
Bovines	6-25 liters	Bovines	1.025-1.045	Bovines	7.8 - 8.4
Sheep	0,5-2 liters	Sheep	1.015-1.045	Dogs	6 - 7.3
Caprids	0,5-2 liters	Pigs	1.010-1.030	Pigs	5.4-7
Pigs	2-6 liters	Dogs	1.020-1.050	Sheep	5.3 - 8.6
Dogs	40 cc-2 liters	Cats	1.020-1.040	Cats	6 - 7
Cats	7S cc-200 cc	Rabbits	1.010-1.015		

### TEMPERATURE, PULSE, BREATH AND OTHER CONSTANTS IN DOMESTIC ANIMALS

Duration of heat in females	Incubation time	Normal respiratory rates in adult animals
Cow: 16 hours (10 to 24)	Hen: 20 to 22 days	Bovines: 10 to 20
Mares: 6 days (2 to 11)	Duck: 26 to 28 days	Equines: 10 to 16 (12-18)
Sow: 2 to 3 days	Turkey hen: 26 to 28 days	Swine: 8 to 18
Ewe: 30 to 36 hours		Sheep: 15 to 20
Bitch: 7 to 14 days	<b>First heat after giving birth</b>	Rams and goats: 15 a 20
Cat: 9 to 10 days	Cow: variable - try coupling at 2 or 3 months	Dogs: 10 to 30
Goat: 2 to 3 days	Mare: 4 to 14 days	Cats: 20 to 40
	Sow: one week after weaning	Hens: 30 to 50
<b>Reiteration of heat due to not being fertilized</b>	Bitch: several months	
Cow: 21 to 28 days	Cat: 4 to 6 weeks	<b>Arterial pulse: Normal values in adult animals</b>
Mare: 21 days		Bovines: 40 to 80
Sow: 21 days	<b>Thermometry: Normal values in adult animals</b>	Equines: 28 to 40
Sheep: 21 days	Bovines: 38 ° to 39.5 ° C	Swine: 60 to 80
	Equines: 37.5 ° to 38.5 ° C	Sheep: 62 to 88
<b>Gestation time</b>	Swine: 39 ° to 39.5 ° C	Dogs: 60 to 120
Cow: 280 to 290 days	Sheep: 38.5 ° to 40 ° C	Dogs, larger breeds: 60 to 80
Mare: 330 to 345 days	Rams and Goats: 39 ° to 40 ° C	Dogs, small breeds: 80 to 120
Sow: 112 to 115 days	Dogs: 38.5 ° to 39 ° C	Cats: 110 to 130
Sheep: 144 to 151 days	Cats: 38.5 ° to 39 ° C	Birds: 120 to 160
Bitch: 58 to 63 days	Hens: 40.5 ° to 42.5 ° C	
Cat: 63 to 65 days		
Dow: 30 to 32 days		
Nanny goat: 151 days		

