

Poultry and Swine



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Avivet®
Poultry and Swine Division





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Avivet®

Amoxycol® WS

Colistix® WS

Neo-Terraciclina WS

Trisulprim® WS

Tylamox® WS

Tylodox® WS

Tylvax® WS

Water
Soluble





Amoxycol® WS

Powerful Broad-spectrum Beta-lactam-Polypeptide Antibiotic Combination

Composition

Each 100 g contains: Amoxicillin base 20 g, Colistin (as sulphate) 4 g (equivalent to 12 000 000 IU), excipients q.s. ad 100 g.

Properties

Amoxycol® WS is a bactericide-synergic antibiotic association of broad spectrum, to be administered in drinking water or feed. It supplies 200 mg/g of amoxicillin activity and 40 mg/g of colistin (1.2 million IU/g of activity). The association of amoxicillin and colistin offers an additive and synergic effect.

Indications

Treatment and prevention of infections caused by germs sensitive to amoxicillin and/or colistin: infections of respiratory, digestive and urogenital systems, and infections of skin and soft tissues, as well as secondary bacterial infections. **Poultry:** Respiratory infections, salmonellosis, colibacillosis, cholera, ulcerative necrotic enteritis, staphylococcosis and streptococcosis, coryza, omphalitis and infection of the vitelline sac, sacculitis, synovitis, gangrenous dermatitis. **Pigs:** unspecific respiratory infections, atrophic rhinitis, enterotoxemia caused by *E.coli* (edema disease), enteric colibacillosis, salmonellosis, neonatal diarrhea, piglets diarrhea, post-weaning diarrhea, bacterial diarrhea, corinebacteriosis, erysipelas, leptospirosis, dermatitis, among others. **Pre-ruminants:** Respiratory and enteric infections, diarrhea caused by *Salmonella* spp. and *E. coli*.

Target Species

Poultry (chicken, egg layers, roosters and turkeys) and pigs. Pre-ruminants: cattle (calves), sheep (lambs), goats (kids) and young camelids (tuis).

Dosage

Poultry: Preventive: 1 kg/2000 L of water (or in 1000 kg of feed) during 3 - 5 days. Treatment: 1 kg/1500 - 2000 L of water (or in 750 - 1000 kg of feed) during 3 - 5 days. **Pigs:** Preventive: 1 kg/1500 L of water (or in 750 kg of feed) during 3 - 5 days. Treatment: 1 kg/1000 - 1500 L of water (or in 500 - 750 kg of feed) during 3 - 5 days. Individual: 1 - 2 g/10 kg of body weight. **Pre-ruminants:** Therapeutic: 2 times a day at a rate of 1 g/20 kg during 3 - 5 days (in water, milk or feed). Preventive: half the dose.

Presentation

15 g, 100 g, 500 g and 1 kg.



Colistix® WS

Polypeptide Antibiotic for Enteric Infections

Composition

Each 100 g contains: Colistin as sulphate 10 g (equivalent to 30 000 000 IU), excipients q.s. ad 100 g.

Properties

Colistix® WS is an antibiotic for water medication or feed. It provides 100 mg/g of activity (3 million IU/g) and is very effective against most Gram-negative bacteria, deactivating their endotoxins. It is active only inside the gastrointestinal tract (it is not absorbed), which makes it ideal for enteric infections.

Indications

Treatment and prevention of enteric diseases caused by sensitive microorganisms, and promotion of growth. **Poultry:** typhosis, pulorosis, colibacillosis. **Pigs:** enterotoxemia, enteric colibacillosis, salmonellosis, diarrheas of diverse etiology, secondary bacterial infections.

Pre-ruminants: digestive infections, salmonellosis, infectious diarrheas, enterotoxemia.

Target Species

Poultry (chicken, layers, roosters and turkeys) and pigs. Pre-ruminants: cattle (calves), sheep (lambs), goats (kids) and young camelids (tuis).

Dosification

Poultry: For preventive use and as promoter: 100 - 200 g/1000 L of water (or in 750 kg of feed), Therapeutic: 300 - 400 g/1000 L of water (or in 750 kg of feed) during 5 - 7 days. **Pigs:** For preventive use and as promoter: 200 - 300 g/1000 L of water (or in 500 kg of feed). Therapeutic: 300 - 500 g/1000 L of water (or in 500 kg of feed) during 5 - 7 days. **Pre-ruminants:** 2 times a day, 1 g/50 kg during 5 - 7 days in water, milk or feed.

Presentation

15 g, 100 g, 500 g and 1 kg.



Neo-Terraciclina WS

Broad-spectrum and Double Effect Antibiotic Combination

Composition

Each 100 g contain: Oxytetracycline (hydrochloride) 20 g, Neomycin (sulphate) 20 g, excipients q.s. ad 100 g.

Properties

Neo-Terraciclina WS is an oral antibacterial combination in soluble powder form for medication of drinking water (or food). It provides 200 mg/g of oxytetracycline hydrochloride of activity and 200 mg/g of neomycin sulfate. The association has synergistic effect and a broad spectrum with the benefit of a double effect: systemic and local levels.

Indications

Treatment and prevention of infections caused by Gram-positive or Gram-negative germs sensitive to oxytetracycline and/or neomycin, mainly respiratory and gastrointestinal infections, prevention of secondary bacterial infections and prevention of early mortality. Others include diarrhea, non-specific enteritis, enterotoxemia, salmonellosis, colibacillosis, dysentery, cholera, coryza, non-specific pneumonia, atrophic rhinitis, chronic respiratory disease, airsacculitis, synovitis, omphalitis, conjunctivitis, MMA, hexamithiasis and infections secondary to viral disorders. Growth promoter.

Target Species

Poultry (chickens, hens, roosters and turkeys) and pigs. Pre-ruminants: cattle (calves), sheep (lambs), goats (kids) and camels (tuis). Guinea pigs and rabbits.

Dosages

By oral route mixed in drinking water (or with feed). **Poultry:** Promoter: 200 - 250 g/1000 kg of feed. Preventive: 250 - 500 g/1000 liters of water or 500 kg of feed. Treatment: 500 g - 1 kg/1000 liters of water or 500 kg of feed during 3 - 5 days. **Pigs:** Promoter: 200 - 250 g/1000 kg of feed. Preventive: 250 g/1000 liters of water or 400 kg of feed. Treatment: 500 g - 1 kg/1000 liters of water or 400 kg of feed, during 4 - 5 days. **Pre-ruminants:** Preventive: 60 mg of the product/kg of body weight (0.6 g/10 kg of b.w. daily); treatment: 120 mg/kg of b.w. (1.2 g/10 kg of b.w. daily) during 4 - 5 days (in water, milk or feed). **Guinea pigs and rabbits:** Preventive: 50 g/100 liters of water. Treatment: 100 g/100 liters of water during 3 - 5 days.

Presentation

15 g, 100 g and 1 kg.



Trisulprim® WS

Double Protection Bactericidal Synergic Association

Composition

Each 100 g contain: Sulfadiazine (as sodium) 40, Trimethoprim 8 g, excipients q.s. ad 100 g.

Properties

Trisulprim® WS is an oral antibacterial combination in soluble powder form for medication of drinking water or food. Provides 400 mg/g activity of sulfadiazine sodium and 80 mg/g of trimethoprim. The association has synergistic effect and bactericidal.

Indications

Treatment and prevention of infections caused by sensitive germs to sulfadiazine and/or trimethoprim. Infections of the digestive, respiratory and urogenital system, skin and soft tissue infections, prevention of secondary bacterial infections. **Chicken, roosters and turkeys:** respiratory infections, salmonellosis, colibacillosis, cholera, coryza, staphylo and streptococcosis, omphalitis and yolk sac infections, sacculitis, sinusitis, synovitis, gangrenous dermatitis. **Pigs:** nonspecific respiratory infections, atrophic rhinitis, enterotoxemia by *E. coli* (edema disease), enteric colibacillosis, salmonellosis, neonatal diarrhea, piglets diarrhea, post-weaning diarrhea, bacterial diarrheas, corynebacteriosis, erysipellosis, dermatitis, metritis-mastitis-agalactia (MMA) of bacterial origin. **Pre-ruminants:** respiratory and enteric infections, diarrhea caused by *Salmonella* spp. and *E. coli*, enterotoxemia. **Horses:** respiratory and urogenital infections, wounds and mumps.

Target Species

Poultry (chickens, hens, roosters and turkeys) and pigs. Pre-ruminants: cattle (calves), sheep (lambs), goats (kids) and camels (tuis). Horses.

Dosage

By oral route mixed in drinking water or with feed. **Poultry:** 150 - 300 g/1000 liters of water or 500 kg of feed, every 24 hours during 5 days.

Pigs: 350 - 700 g of powder/1000 L of water or 400 kg of feed, every 24 hours during 7 days. **Pre-ruminants:** 25 mg of the product/kg of body weight, twice a day (0.5 g/10 kg of b.w. daily) during 7 days (in water, milk or feed). **Horses:** 2.5 - 5 g/100 kg of b.w. or 50 - 100 g/100 L of water every 12 - 24 hours during 4 - 7 days.

Presentation

15 g, 100 g, 500 g and 1 kg.



Tylamox® WS

Broad-spectrum Macrolide Beta-lactam Synergic-additive Antibiotic Association

Composition

Each 100 g contains: Tylosin as tartrate 50 g, Amoxicillin as trihydrate 10 g, excipients q.s. ad 100 g.

Properties

Tylamox® WS is a broad spectrum synergic-additive antibiotic association for administration in drinking water or feed. It supplies 100 mg/g of activity of amoxicillin and 500 mg/g of tylosin. It is indicated for prevention and treatment of a great number of infections in poultry and pigs, as well as in other domestic species. The association offers an additive and synergic effect.

Indications

Treatment and prevention of infections caused by sensitive germs: infections of the respiratory, digestive and urogenital systems, infections of the skin and soft tissues, and prevention of secondary bacterial infections. **Poultry:** CRD and other respiratory diseases, salmonellosis, colibacillosis, cholera, necrotic enteritis, staphylococcosis and streptococcosis, coryza, omphalitis and infection of the vitelline sac, sacculitis, sinusitis, synovitis, dermatitis. **Pigs:** enzootic pneumonia and other respiratory diseases, dysentery, atrophic rhinitis, edema disease, colibacillosis, salmonellosis, diarrheas, corinebacteriosis, erysipelosis, leptospirosis, dermatitis and others. **Pre-ruminants:** respiratory and enteric infections, diarrheas, enterotoxemia.

Target Species

Poultry (chicken, layers, roosters and turkeys) and pigs. Pre-ruminants: cattle (calves), sheep (lambs), goats (kids) and young camelids (tuis).

Dosage

During 3 to 5 days: **Poultry:** Preventive: 1 kg/2000 L of water (or in 1000 kg of feed). Preventive for mycoplasmosis and therapeutic: 1 kg/1000 L of water (or in 500 kg of feed). **Pigs:** Preventive: 1 kg/4000 L of water (or in 2000 kg of feed). Therapeutic: 1 kg/2000 - 4000 L of water (or in 1000 - 2000 kg of feed). **Pre-ruminants:** Therapeutic: 2 times a day at a rate of 1 g/20 kg each time (in water, milk or feed). Preventive: half the dose.

Presentation

15 g, 100 g, 500 g and 1 kg.



Tylodox® WS

Broad-spectrum Beta-lactam-Polypeptide Antibiotic Combination

Composition

Each 100 g contains: Tylosin as tartrate 10 g, Doxycycline as hyclate 10 g, excipients q.s. ad 100 g.

Properties

Tylodox® WS is a broad spectrum bacteriostatic-additive antibiotic association to be administered in drinking water or feed. It supplies 100 mg/g of tylosin activity and 100 mg/g of doxycycline. It is indicated for prevention and treatment of a great number of infections in poultry, pigs and other domestic species. The association of doxycycline and tylosin offers an additive effect.

Indications

Treatment and prevention of infections caused by germs sensitive to tylosin and/or doxycycline. Among them: infections of the respiratory, digestive and urogenital systems, mycoplasmosis, CRD, coryza, colibacillosis, omphalitis and infection of the vitelline sac, avian cholera, enteritis and diarrhea, necrotic enteritis, sacculitis, sinusitis, synovitis, staphylococcosis, streptococcosis, corinebacteriosis, hexamitiasis and leptospirosis. Prevention of secondary bacterial infections following viral infections, stress conditions, vaccinations, re-lodging, beak trimming, transportation, feed and climate changes.

Target Species

Poultry (chicken, layers, roosters and turkeys) and pigs. Pre-ruminants: cattle (calves), sheep (lambs), goats (kids) and camelids (tuis).

Dosage

Poultry and pigs: Preventive: 1 kg/2000 L of water (or in 1000 kg of feed) during 3 - 5 days. Treatment: 1 kg/1000 - 1500 L of water (or in 500 - 750 kg of feed) during 3 - 5 days. **Pre-ruminants:** Therapeutic: 2 times a day at a rate of 1 g/20 kg each time during 3 - 5 days (in water, milk or feed). Preventive: half the dose.

Presentation

15 g, 100 g, 500 g and 1 kg.



Tylvax[®] WS

Advanced-generation Macrolide Antibiotic

Composition

Each 100 g contains: Tylvalosin* (as tartrate) 25 g, excipients q.s. ad 100 g.

*Acetyl-Isovaleryl tylosin

Properties

Tylvax[®] WS is a macrolide oral antibiotic for medication of drinking water of poultry and pigs. It provides 250 mg/g of activity and is very effective against several important diseases in pigs and poultry. **Tylvax[®] WS** has action against Gram-positive and some Gram-negative microorganisms, offering an exceptional antimycoplasmal activity. Its efficacy reaches a level up to ten times higher than tylosin.

Indications

Treatment and prevention of respiratory and enteric diseases caused by microorganisms sensitive to tylvalosin. Poultry: Chronic respiratory disease (mycoplasmosis), necrotic enteritis, bacterial enteritis and infections by *Ornithobacterium rhinotracheale*. **Pigs:** Mycoplasmal pneumonia (enzootic), ileitis, dysentery and porcine colitis.

Target Species

Poultry (chickens, roosters, turkeys and replacement pullets) and pigs.

Dosage

Poultry: Preventive: 80 - 100 g/200 L of water (3 first days of life) and 40 - 60 g/200 L of water (3 - 4 more days or in situations of subsequent stress). Therapeutic: 80 - 100 g/200 L of water during 3 days. **Pigs:** Preventive: 100 g/500 L during 3 - 4 days. Therapeutic: Ileitis (PPE): 100 g/500 L of water during 5 days. Other pathologies: 100 - 200 g/500 L of water during 3 - 5 days.

Presentation

15 g, 100 g, 500 g and 1 kg.



Colistix® Px

Colistix® C100 Px

L-Spectomix® 4.4% Px

L-Spectomix® 8.8% Px

Micromutin C80 Px | Porcimutin® C80 Px

Tylvax® Px

Tylvax® C Px

Premix





Colistix® Px

Polypeptide - Polymyxin Antibiotic for Enteric Infections

Composition

Each 100 g contains: Colistin (as sulphate) 10 g (equivalent to 30 000 000 IU), excipients q.s. ad 100 g.

Properties

Colistix® Px is an antibiotic for feed medication. It provides 100 mg/g of activity (3 million IU/g of activity) and is very effective against most Gram-negative bacteria, deactivating their endotoxins. It is active only inside the gastrointestinal tract (it is not absorbed), which makes it ideal for enteric infections. It is also an excellent growth promoter.

Indications

Treatment and prevention of enteric diseases caused by sensitive microorganisms, and promotion of growth. **Chicken, layers, roosters and turkeys:** typhosis, pulorosis, colibacillosis, secondary infections. **Pigs:** enterotoxemia, enteric colibacillosis, salmonellosis, diarrheas of diverse etiology, secondary bacterial infections. **Pre-ruminants:** digestive infections, salmonellosis, infectious diarrheas, enterotoxemia.

Target Species

Poultry (chicken, layers, roosters and turkeys) and pigs. Pre-ruminants: cattle (calves), sheep (lambs), goats (kids) and young camelids (tuis).

Dosage

Poultry: 75 000 - 100 000 IU/kg of body weight/day (up to 125 000 in serious cases), in practice: Promoter: 100 - 150 g/TM of feed, continuous. Preventive: 150 - 300 g/TM of feed during the period of risk. Therapeutic: 400 - 600 g/TM of feed during 5 - 7 days. **Pigs:** 100 000 IU/kg of body weight/day, in practice: Promoter: 200 - 300 g/TM of feed, continuous. Preventive: 400 - 600 g/TM of feed during the period of risk. Therapeutic: 600 - 1000 g/TM of feed during 5 - 7 days. **Pre-ruminants:** 100 000 IU/kg of body weight/day, in practice: Preventive: 400 - 600 g/TM of feed during the period of risk. Therapeutic: 600 - 1000 g/TM of feed during 5 - 7 days. Individual dosage: 2 times a day: 1 g/50 kg /application during 7 days.

Presentation

15 g, 100 g, 1 kg and 20 kg.



Colistix® C 100 Px

Micro-encapsulated Polypeptide - Polymyxin Antibiotic for Enteric Infections

Composition

Each 100 g contains: Micro-encapsulated colistin (as sulphate) 10 g (equivalent to 30 000 000 IU), excipients q.s. ad 100 g.

Properties

Colistix® C100 Px is an antibiotic for feed medication. It provides 100 mg/g of activity (3 million IU/g of activity) and is very effective against most Gram-negative bacteria, deactivating their endotoxins. It is active only inside the gastrointestinal tract (it is not absorbed), which makes it ideal for enteric infections. It is also an excellent growth promoter. Micro-encapsulation provides stability and resistance to pelletizing.

Indications

Treatment and prevention of enteric diseases caused by sensitive microorganisms, and promotion of growth. **Chicken, layers, roosters and turkeys:** typhosis, pulorosis, colibacillosis, secondary infections. **Pigs:** enterotoxemia, enteric colibacillosis, salmonellosis, diarrheas of diverse etiology, secondary infections. **Pre-ruminants:** digestive infections, salmonellosis, infectious diarrheas, enterotoxemia.

Target Species

Poultry (chicken, layers, roosters and turkeys) and pigs. Pre-ruminants: cattle (calves), sheep (lambs), goats (kids) and young camelids (tuis).

Dosage

Poultry: 75 000 - 100 000 IU/kg of body weight/day (up to 125 000 in serious cases), in practice: Promoter: 100 - 150 g/TM of feed, continuous. Preventive: 150 - 300 g/TM of feed during the period of risk. Therapeutic: 400 - 600 g/TM of feed during 5 - 7 days. **Pigs:** 100 000 IU/kg of body weight/day, in practice: Promoter: 200 - 300 g/TM of feed, continuous. Preventive: 400 - 600 g/TM of feed during the period of risk. Therapeutic: 600 - 1000 g/TM of feed during 5 - 7 days. **Pre-ruminants:** 100 000 IU/kg of body weight /day, in practice: Preventive: 400 - 600 g/TM of feed during the period of risk. Therapeutic: 600 - 1000 g/TM of feed during 5 - 7 days. Individual dosage: 2 times a day: 1 g/50 kg/application during 7 days.

Presentation

15 g, 100 g, 1 kg and 20 kg.



L-Spectomix® 4.4 % Px

Broad-spectrum Synergic Antibiotic Combination

Composition

Each 100 g contains: Lincomycin as hydrochloride 2.2 g, Spectinomycin as sulphate 2.2 g, excipients q.s. ad 100 g.

Properties

L-Spectomix® 4.4% Px is a free flow antibiotic mixture for medication of feed for poultry and pigs, which contains a broad spectrum synergic antibiotic combination. It provides 22 mg/g of activity of lincomycin and 22 mg/g of spectinomycin. It is indicated for prevention and treatment of a great number of infectious processes in poultry and pigs, as well as for promotion of growth.

Indications

Treatment, control and/or prevention of respiratory and enteric diseases caused by microorganisms sensitive to the action of lincomycin and/or spectinomycin, improving the growth rate and feed conversion. **Pigs:** Salmonellosis, enteritis by *E. coli*, swine dysentery, mycoplasma enzootic pneumonia, porcine colitis, Porcine Proliferative Enteropathy (ileitis). Mastitis-metritis-agalactia syndrome. **Poultry:** Chronic respiratory disease (mycoplasmosis), air sacculitis and infectious sinusitis, salmonellosis, enteritis associated to *E. coli* and *Clostridium perfringens*.

Target Species

Poultry (chicken, layer/breeder hens, roosters and turkeys) and pigs.

Dosage

As promoter: 500 g/TM of feed. Preventive and/or control: 1 - 2.5 kg/TM of feed. Therapeutic: **Pigs:** 1 - 3 kg/TM of feed during 21 days.

Poultry: 2.5 - 5 kg/TM of feed during 21 days.

Presentation

15 g, 100 g, 1 kg and 20 kg.



L-Spectomix® 8.8 % Px

Broad-spectrum Synergic Antibiotic Combination in Double Concentration

Composition

Each 100 g contains: Lincomycin as hydrochloride 4.4 g, Spectinomycin as sulphate 4.4 g, excipients q.s. ad 100 g.

Properties

L-Spectomix® 8.8% Px is a free flow antibiotic mixture for medication of feed for poultry and pigs, which contains a broad spectrum synergic antibiotic combination. It provides 44 mg/g of activity of lincomycin and 44 mg/g of spectinomycin. It is indicated for prevention and treatment of a great number of infectious processes in poultry and pigs, as well as for promotion of growth.

Indications

Treatment, control and/or prevention of respiratory and enteric diseases caused by microorganisms sensitive to the action of lincomycin and/or spectinomycin, improving the growth rate and feed conversion. **Pigs:** Salmonellosis, enteritis by *E. coli*, swine dysentery, mycoplasma enzootic pneumonia, porcine colitis, Porcine Proliferative Enteropathy (ileitis). Mastitis-metritis-agalactia syndrome. **Poultry:** Chronic respiratory disease (mycoplasmosis), air sacculitis and infectious sinusitis, salmonellosis, enteritis associated to *E. coli* and *Clostridium perfringens*.

Target Species

Poultry (chicken, layer/breeder hens, roosters and turkeys) and pigs.

Dosage

As promoter: 250 g/TM of feed. Preventive and/or control: 500 g - 1.25 kg/TM of feed. Therapeutic: **Pigs:** 500 g - 1.5 kg/TM of feed during 21 days. **Poultry:** 1.25 - 2.5 kg of feed/TM during 21 days.

Presentation

15 g, 100 g, 1 kg and 20 kg.



Micromutin C80 Px | Porcimutin® C80 Px

Advanced-generarion Micro-encapsulated Pleuromutilin in High Concentration

Composition

Each 100 g contains: Micro-encapsulated Tiamulin as hydrogen fumarate 80 g, excipients q.s. ad 100 g.

Properties

Micromutin C80 Px | Porcimutin® C80 Px is an antibiotic mixture (pleuromutilin) based on micro-encapsulated granules, very effective for medication of feed of poultry and pigs. It provides 800 mg/g of activity. Micro-encapsulation provides stability and resistance to pelletizing. Its concentration assures economic advantages.

Indications

Treatment, prevention and/or control of respiratory and enteric diseases caused by microorganisms sensitive to tiamulin. **Pigs:** Dysentery, porcine colitis, Porcine Proliferative Enteropathy, enzootic pneumonia and pleuro-pneumonia. **Poultry:** Chronic respiratory disease (mycoplasmosis), air sacculitis and infectious sinusitis, coryza, diseases caused by *Streptococcus* spp. and *Clostridium perfringens*.

Target Species

Poultry (breeders, commercial layers, replacement pullets, roosters, broiler chickens, and broiler and breeding turkeys) and pigs.

Dosage

Growth and production promoter: 12.5 - 25 g/TM of feed. Preventive: 37.5 - 62.5 g/TM of feed. Therapeutic: **Pigs:** 125 - 250 g/TM of feed daily during 5 - 10 days. **Poultry:** 312.5 - 625 g/TM of feed daily during 3 - 5 days.

Presentation

15 g, 100 g, 1 kg and 20 kg.



Tylvax® Px

Advanced-generation Macrolide Antibiotic

Composition

Each 100 g contains: Tylvalosin* (as tartrate) 5 g, excipients q.s. ad 100 g.

*Acetyl-Isovaleryl tylosin

Properties

Tylvax® Px is a free flow medicinal pre-mixture used for medication of feed for poultry and pigs. It supplies 50 mg/g of activity and is very effective against several important diseases in pigs and poultry. It has action against Gram-positive and some Gram-negative microorganisms, offering an exceptional antimycoplasmal activity. Its efficacy reaches a level up to ten times higher than tylosin. Excellent synergy in combination with tetracycline.

Indications

Treatment and prevention of respiratory and enteric diseases caused by microorganisms sensitive to tylvalosin. **Poultry:** Chronic respiratory disease (mycoplasmosis), necrotic enteritis, bacterial enteritis and infections by *Ornithobacterium rhinotracheale*. **Pigs:** Mycoplasmal pneumonia (enzootic), ileitis, dysentery and porcine colitis.

Target Species

Poultry (chicken, turkeys and replacement pullets) and pigs.

Dosage

Pigs: Preventive: 400 - 1000 g/TM of feed during 21 days. Therapeutic: 1 - 2 kg/TM of feed during 10 to 14 days. **Poultry:** Preventive: 400 - 1000 g/TM of feed during 7 days. Therapeutic: 1 - 2 kg/TM of feed during 7 - 10 days.

Presentation

15 g, 100 g, 1 kg and 20 kg.



Tylvax® C Px

Advanced-generation and Broad-spectrum Tetracycline - Macrolide Synergic Association

Composition

Each 100 g contains: Tylvalosin* (as tartrate) 2 g, Chlortetracycline (as hydrochloride) 20 g, excipients q.s. ad 100 g.

*Acetyl-Isovaleryl tylosin

Properties

Tylvax® C Px is an antibiotic association for medication of feed. It provides 220 mg/g of antibiotic activity and is very effective against many diseases in pigs and poultry (Gram-positive, Gram-negative microorganisms and exceptional antimycoplasmal activity). Tylvalosin is ten times more effective than tylosin and its association with chlortetracycline increases its antibiotic effect and broadens its spectrum.

Indications

Treatment and prevention of respiratory, enteric, mixed and/or complicated diseases, secondary infections and to maintain corporal weight gain. **Pigs:** Mycoplasmosis, mycoplasmal pneumonia (enzootic), ileitis and swine dysentery, colitis, atrophic rhinitis, pneumonias, pleuro-pneumonia, Glässer's disease, infectious synovitis, necrotic and infectious enteritis, salmonellosis, colibacillosis, cervical and joint abscess. **Poultry:** Chronic respiratory disease (CRD), air sacculitis and sinusitis, necrotic enteritis, bacterial enteritis, *Ornithobacterium rhinotracheale*, colisepticemia, infectious coryza, avian cholera, pneumonia, omphalitis, synovitis, stress or early mortality.

Target Species

Poultry (chicken, turkeys and replacement pullets) and pigs.

Dosage

Pigs: Preventive: 1 - 2.5 kg/TM during 21 days. Therapeutic: 2.5 - 4 kg/TM during 7 - 14 days. **Poultry:** Preventive: 1 kg/TM during 7 - 14 days. Therapeutic: 2.5 kg/TM during 7 - 10 days.

Presentation

15 g, 100 g, 1 kg and 20 kg.

Avivet[®]

Diflovet[®] OS

Pleurotil[®] 250 OS

Oral
Solutions





Diflovet® OS

Third Generation Fluorquinolone Antibiotic

Composition

Each 1 mL contains: Difloxacin (as hydrochloride) 100 mg, excipients q.s. ad 1 mL.

Properties

Diflovet® OS is an oral solution containing difloxacin hydrochloride as an active ingredient, a third generation fluoroquinolone. Difloxacin hydrochloride is an antibacterial agent that inhibits the essential enzyme DNA girase of bacteria; it has a wide antibacterial spectrum, having bactericide activity against several Gram-negative pathogens and a great number of Gram-positive bacteria.

Indications

For Chronic Respiratory Disease (CRD) caused by sensitive strains of *Escherichia coli* and *Mycoplasma gallisepticum* in chickens and turkeys. It is also indicated for the treatment of infections caused by *Pasteurella multocida* in turkeys. Among the susceptible agents are: *Escherichia coli*, *Mycoplasma gallisepticum*, *M. meleagridis*, *M. synoviae*, *H. paragallinarum*, *E. rhusiopathiae*, *Staphylococcus aureus*, *Chlamydia psittaci*, *Pasteurella multocida* and *Salmonella* spp.

Target species

Poultry.

Dosage

Poultry: the administration must be daily in drinking water at the dose of 10 mg/kg of body weight, during at least 5 days. To determinate the quantity of **Diflovet® OS** every 1000 L of water, the following formula must be used: N° of animals on the breeding place x mean weight of each animal (kg) x 100/Total consumption of water at the breeding place the day before (liters).

Presentation

100 mL, 250 mL, 500 mL and 1 L.



Pleurotil® 250 OS

Macrolide Antibacterial with Selective Pulmonary Affinity

Composition

Each 100 mL contain: Tilmicosin 25 g, excipients q.s. ad 100 mL.

Properties

Pleurotil® 250 OS is a non-ionized, highly fat-soluble and partially bound to proteins antibiotic, these characteristics enable its passage through cellular membranes and let its fast and wide distribution in the animal body. Tilmicosin possesses broad-spectrum, with significant activity against Gram-positive, Gram-negative bacteria and mycoplasma.

Indications

Chicken and turkeys: respiratory infections caused by *Mycoplasma gallisepticum*, *Mycoplasma synoviae*, *Ornithobacterium rhinotracheale*, *Pasteurella multocida* and other microorganisms sensitive to tilmicosin. **Pigs:** treatment of respiratory infections caused by *Pasteurella multocida*, *Pasteurella haemolytica*, *Mycoplasma* spp., *Bordetella bronchiseptica*, *Staphylococcus aureus*, *Erysipelothrix rhusiopathiae*, *Klebsiella* spp., *Haemophilus parasuis*, *Salmonella* spp., *Pseudomonas* spp., and *Streptococcus* spp., among other microorganisms sensitive to tilmicosin. **Calves:** cattle respiratory syndrome associated to *Mannheimia haemolytica* and *Pasteurella multocida*. Treatment of interdigital necrobacillosis.

Target species

Poultry (chick, turkeys) and pigs. Cattle (calves), sheep (lambs), and goats (kids).

Dosage

By oral route, with drinking water. **Poultry:** 300 mL/1000 L, during 3 days. **Pigs:** 800 mL/1000 L during 5 days. **Pre-ruminants:** 1 mL/20 kg of body weight during 3 - 5 days.

Presentation

100 mL and 1 L.

Avivet®

No-Fly

Vácidos

Others





No-Fly

Neonicotinoid fly killer with alluring bait and bitter taste

Composition

Imidacloprid 0.5 g, Z-(9)-Tricosene 0.1 g, Denatonium benzoate 0.01 g, excipients q.s. ad 100 g.

Description

Imidacloprid neonicotinoid insecticide in homogeneous granules.

Indications

It works by blocking post-synaptic receptors (even in insects resistant to traditional insecticides), this mechanism is highly effective against insects and very safe (with its bitter taste) for domestic animals and people. No-fly is indicated for use on surfaces and areas where insects normally congregate, inside or outside livestock facilities. It is highly effective against house fly: *Musca domestica*; dung fly: *Scatophaga stercoraria*; bluebottle fly: *Calliphora vomitoria*; stable fly: *Stomoxys calcitrans*; vinegar fly or fruit fly: *Drosophila melanogaster*; Northern house mosquito: *Culex pipiens*; Asian tiger mosquito: *Aedes albopictus*; common wasp: *Vespa vulgaris*.

Dosage and Use

Spreading: Place the bait evenly sprinkled onto trays, plates or directly on the floor at the rate of 20 g every 10 m², preferably moistened with water to increase its effectiveness and placed on areas which are outside the facility, away from animals, with the purpose of attract flies from the inside. Avoid heaping the product. Reactivate the bait spots regularly moistening the product as it began to deteriorate or consume.

Spraying: dissolve 100 g in 100 mL of water (1:1) each 50 m². Mix it and let it rest for 15 – 30 minutes, then apply with spraying machine in environments or target areas where insects congregate. For indoor work, close the door and windows during and after spraying for at least 30 minutes. Ventilate before accessing the facilities. **Painting:** dissolve 100 g in 75 mL of water. Mix and let it rest for 20 minutes. Apply the product with a brush on walls, window frames, doors, etc. **Traps:** a) Dissolve 100 g of product in 100 mL of water, put it on plastic bags and hang them on places where insects normally concentrate. b) Dissolve 100 g of the product in 75 mL of water for painting wood panels and hang them on areas where insects usually congregate. **Frequency:** use the product during periods of insect proliferation until complete disinsection. Shock action: apply each 15 - 21 days; maintenance action: apply each 30 - 45 days.

Presentation

Box x 25 units of 20 g, 250 g, 1 kg, 5 kg and 10 kg.



Vácidos

Chloride Scavenger, Stabilizer and Water Coloring for Vaccine Solution for Poultry

Composition

One tablet contains: Sodium thiosulfate 1.5 g, EDTA disodium 4.12 g, excipients q.s. ad 1 tablet.

Description

Chlorine neutralizer, buffer, chelant and colorant of water for vaccinal solution for poultry. It does not contain skimmed milk powder or other ingredients of animal origin. Blue tint is approved as food category.

Indications

Effective water softener. It makes hard water available for drinking. Powerful chlorine neutralizer and neutralizer agent: keeps ideal pH from 5.4 to 6.5 for vaccine dosage, medicines and probiotics. Strong cooling agent: extinguishes polluting heavy metals such as iron, lead, arsenic, mercury, etc; it makes drinking water more secure, protects the vaccine against chlorine contained in water and pH disturbance. Controls the delivery of vaccinal solution in water. It evaluates the vaccine uptake.

Dosage and Use

One tablet for 100 L of water. Prepare the adequate volume for vaccination, add 1 tablet each 100 liters of water, wait ten minutes for a complete chloride neutralization and homogenize with a plastic shaker. Dilute the vaccine opening the bottle under the surface of the water, distribute the vaccine and add another tablet in the tank after vaccination, in a volume equivalent to two hours of water consumption.

Presentation

Container x 100 tablets.



Nutro



agrovetmarket
animalhealth

vet®

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ChickVit® ADE + C OS

ChickVit® B OS

ChickVit® ESe OS

Chick Booster® con Nucleótidos OS

Hematofos B₁₂® AC OS

Hepaviar® OS

**Oral
Solutions**

Nutrovet



Chick Vit® ADE + C OS

Microemulsified Association of Vitamins A, D and E, added with Vitamin C in High Concentration

Ingredients

Each 100 mL contains: Vitamin A (as retinol palmitate) 5 000 000 U.I., Vitamin D₃ (as cholecalciferol) 1 000 000 U.I, Vitamin E (as alpha tocopherol acetate) 2000 mg, Vitamin C (as sodium ascorbate) 10 000 mg, excipients q.s. ad 100 mL.

Indications

Improves reproductive and productive parameters such as feed conversion rate. It has antioxidant and immune-stimulating action, improves growth and the maintenance of bone and skeletal system. For prevention and/or treatment of stress caused by vaccination, diseases, transport, high humidity, extreme temperature changes and heat stress. Adjuvant in antihelminthic, anticoccidial and anti-infective therapy.

Target species

Poultry and pigs. Cattle, sheep, goats, camelids, horses, rabbits, dogs and cats.

Dosage

Poultry: 1 liter per 4000 liters of drinking water. **Pigs:** 100 mL per 400 liters of drinking water. Directly: 0.5 - 1 mL per piglet. **Other species:** cattle, horses: 5 - 10 mL; calves, foals: 3 - 4 mL; sheep, goats, camelids: 2 - 3 mL; dogs, cats and rabbits: 0.5 - 1 mL.

Presentation

100 mL, 500 mL, 1L, 5 L and 20 L.



Chick Vit® ESe OS

Microemulsified and Balanced Association of Vitamin E with Organic Chelated Selenium

Ingredients

Each 100 mL contains: Vitamin E (as alpha tocopherol acetate) 5000 mg, Selenium (as Selenium AHM) 50 mg, DL-Methionine 1000 mg; excipients q.s. ad 100 mL.

Indications

Treatment of reproductive disorders in different animal species, particularly in poultry to prevent reduced egg hatching. It provides optimum balance for deficiency cases of vitamin E and selenium, also has powerful antioxidant effect and immune-stimulating action for the organism. Appropriate for stressful periods caused by vaccinations, heat stress or routine handling. Indicated in cases of encephalomalacia, muscular dystrophy, exudative diathesis and prevention of iron poisoning in piglets.

Target species

Poultry and pigs. Cattle, sheep, goats, camelids, horses, rabbits, dogs and cats.

Dosage

Poultry: 1 liter per 2000 liters of drinking water; chicks (<21 days): 1 liter per 500 - 1000 liters of drinking water for 3 - 5 days. **Pigs:** 100 mL per 200 liters of drinking water. Directly (undiluted): Piglets: 1 - 2 mL per piglet. **Other species:** Cattle, horses: 10 - 20 mL; calves, foals: 3 - 4 mL; sheep, goats, camelids: 2 - 3 mL; dogs, cats and rabbits: 1 - 2 mL.

Presentation

1L, 5 L and 20 L.



Chick Booster[®] con Nucleótidos OS

Complete Bioestimulant in Balanced Formula based on Vitamins, Amino acids, Minerals, Electrolytes and Essential Fatty Acids. Unique with Nucleotix[®]

Ingredients

Each 1000 mL contains: Vit. A (as retinol palmitate) 2 500 000 UI, Vit. D3 (as cholecalciferol) 500 000 UI, Vit. E (as alpha tocopherol acetate) 3750 mg, Vit. K3 (as menadione sodium bisulphite) 250 mg, Vit. B1 (as thiamin hydrochloride) 3500 mg, Vit. B2 (as riboflavin 5 sodium phosphate) 4000 mg, Vit. B3 (as nicotinamide) 10 000 mg, Vit. B5 (as calcium pantothenate) 15 000 mg, Vit. B6 (as pyridoxine hydrochloride) 2000 mg, Vit. B7 (Biotin) 2 mg, Vit. B9 (as folic acid) 250 mg, Vit. B12 (cyanocobalamine) 10 mg, Vit. B15 (Sodium Pangamate) 1 mg, Vit. BH (as Inositol) 3.0 mg, DL-Methionine 5000 mg, L-Lysine (as hydrochloride) 2500 mg, L-Threonine 500 mg, L-Tryptophan 75 mg, L-Histidine (as hydrochloride) 900 mg, L-Arginine (as hydrochloride) 490 mg, L- aspartic acid 1450 mg, L-Serine 680 mg, Glutamic acid 1160 mg, L-Proline 510 mg, Glycine 575 mg, L-Alanine 975 mg, L-Cysteine (as hydrochloride) 150 mg, L-Valine 1100 mg, L-Leucine 1150 mg, L-Isoleucine 125 mg, L-Tyrosine 340 mg, L-Phenylalanine 810 mg, Nucleotides 5000 mg, Essential fatty acids 500 mg, Sodium Selenite 125 mg, Potassium iodine 500 mg, Cobalt (as Cobalt Gluconate) 500 mg, Copper (as copper edetate) 200 mg, Manganese (as Manganese-edetate) 1000 mg, Zinc (as Zinc-edetate) 3000 mg, Iron (as Iron-edetate) 210 mg, Sodium chloride 10 000 mg, Potassium chloride 8250 mg, Magnesium sulfate 455 mg, Citric acid 3000 mg, excipients q.s. ad 1000 mL.

Indications

Nutritional supplement recommended as growth promoter and as an adjuvant in all infectious diseases, poisoning, convalescence, sudden changes in temperature, pre and post-vaccination, dehydration and stressful situations. When there is insufficient supply of vitamins and minerals in feed. Its exclusive formulation based on nucleotides, promotes cell division and regeneration, optimizes biological functions and enhances the productive performance by improving feed conversion.

Target species

Poultry.

Dosage

General dose: 1 to 2 L/1000 L of water.

Presentation

100 mL, 500 mL, 1 L, 5 L and 20 L.



Hematofos B₁₂[®] AC OS

Multi-restorative Association of B Complex Vitamins, Minerals and Amino acids.
Restorative Supplemented with Phosphorus.

Ingredients

Each 1000 mL contains: DL-Methionine 10 000 mg, L-Histidine 5000 mg, L-Tryptophan 2500 mg, Vitamin B12 (cyanocobalamin) 11 mg, Vitamin B2 (riboflavin sodium phosphate) 2000 mg, Vitamin B3 (nicotinamide) 50 000 mg, Vitamin B6 (pyridoxine hydrochloride) 10 000 mg, Green ammonium iron citrate 20 000 mg, Cobalt (cobalt acetate tetrahydrate) 120 mg, Sodium glycerophosphate 10 000 mg, excipients q.s. ad 1000 mL.

Indications

Prevention and treatment of all types of anemias. General restorative, appropriated in cases of emaciation, weakness, stressful situations, lack of appetite, fractures, intoxications, sexual exhaustion, falling feathers, etc. Powerful appetite and growth stimulant, increases production and enhances biological functions.

Target species

Poultry and pigs.

Dosage

Poultry: ornamental and home breeding: 5 - 10 drops to 100 mL of drinking water. Broilers: Accelerate growth and stimulate weight gain, recommended dose is 0.5 - 1 L/200 L of water during the first 3 days of receiving the lot and for the 2 (two) first days started the fourth week. Other birds: 1 liter/200 - 400 liters of water, according to the criterion of the veterinarian. **Pigs:** 5 mL/20 kg of body weight. Drinking water should be used in the next 24 hours.

Presentation

100 mL, 250 mL, 500 mL and 1 L.



Hepaviar® OS

Hepatoprotective - Lipotropic - Detoxifying Balanced Association

Ingredients

Each 100 mL contains: L-Carnitine (as L-Carnitine hydrochloride) 5000 mg, Silimarine 2000 mg, Artichoke extract 2000 mg, DL-Methionine 2000 mg, Choline chloride 7500 mg, Betaine (as Betaine hydrochloride) 1000 mg, L-Lysine (as L-Lysine hydrochloride) 2000 mg, N-Acetyl-L-Methionine 1000 mg, Magnesium (as magnesium sulphate) 1010 mg, Sorbitol 20 000 mg, excipients q.s. ad 100 mL.

Properties

Hepaviar® OS is a balanced association of easily absorbable ingredients to correct essential nutrient deficiencies related to disorders in fatty acids metabolism. It functions as a lipotropic hepatoprotective detoxifying complex that stimulates the correct movement and utilization of fats, as well as the correct energetic metabolism in the organism of the animal.

Indications

Diets with high energetic content, intoxications, treatment or prevention of fatty liver syndrome (hepatic lipidosis), treatment of mycotoxicosis, preparation of birds for molting, appetite and feed conversion improver. Acute and chronic hepatitis, colic syndrome, infectious conditions and gastrointestinal disorders. In all cases where medication administration might affect the hepatic parenchyma and its performance (antibiotics, antiparasitary, anesthetics, tranquilizers, etc.) and in the post-operative period.

Target species

Poultry and pigs. Cattle, sheep, goats, camelids, horses, rabbits, dogs and cats.

Dosage

Poultry: Preventive: In commercial layers: between weeks 28 and 40, every 4 weeks during 3 - 5 consecutive days, and in broiler chickens: 3 - 5 days with the feed change of the last day of the program: 1 L/2000 L of water. Treatment: 1 L/1000 - 1500 L of drinking water, during 5 - 7 days. **Pigs:** 1 L/1000 - 2000 L of water. **Other species:** cattle and horses: 1 mL/5 - 10 kg of body weight during 5 - 7 days; sheep, goats, camelids, rabbits, dogs and cats: 1 mL/2.5 - 5 kg of body weight during 5 - 7 days.

Presentation

100 mL, 250 mL, 500 mL, 1 L, 5 L and 20 L.



Microquel® Pig Starter 8 in 1 Px

Microquel® Pig Grow 8 in 1 Px

Microquel® Sow 8 in 1 Px

ProBioenzyme®

A horizontal rectangular label with a green vertical bar on the left and a blue background for the text. The word "Premix" is written in white, bold, sans-serif font.

Premix

Nutrovet



Microquel® Pig Starter 8 in 1 Px

Organic Chelated Microelements, Protected with Methionine for Piglets in Starting Stage

Ingredients

Each 100 g contains: Iron (as iron-AHM*) 6000 mg, Zinc (as Zinc-AHM*) 4000 mg, Copper (as Copper-AHM*) 1000 mg, Manganese (as Manganese-AHM*) 2000 mg, Iodine 20 mg, Cobalt (as Cobalt-AHM*) 25 mg, Selenium (as Selenium-AHM*) 15 mg, Chrome (as Chrome-AHM*) 10 mg, *Methionine (AHM) 35 000 mg, excipients q.s. ad 100 g.

Properties

Microquel® Pig Starter 8 in 1 Px is a balanced formula that combines 8 essential microelements associated with methionine in the form of chelates AHM (Analogue of Hydroxy Methionine), the stable link that provides superior performance and allows minerals to stay intact into the small intestine where they are readily absorbed into the bloodstream and eventually transported to tissues and organs.

Indications

Covers the requirements of microminerals on piglets, optimizing their genetic potential for optimal growth and development. Prevention and treatment of mineral deficiencies associated with the formula in piglets on starting stage, until the animals weight no more than 25 - 30 kg. The organic chelation with AHM protects minerals from non-desired reactions in the intestine, the release and passive absorption through the intestinal lumen are exceptionally improved in comparison with inorganic minerals. Its inclusion in the food formula of the piglet allows improving palatability.

Target species

Piglets in starting stage.

Dosage

General dose, 1 to 2 kg/TM of food (1 to 2 g/kg) or according to the indication of the veterinarian or nutritionist.

Presentation

100 g, 250 g, 500 g, 1 kg, 5 kg, 10 kg, 20 kg and 25 kg.



Microquel® Pig Grow 8 in 1 Px

Organic Chelated Microelements, Protected with Methionine for Growing Piglets

Ingredients

Each 100 g contains: Iron (as iron-AHM*) 3000 mg, Zinc (as Zinc-AHM*) 3000 mg, Copper (as Copper-AHM*) 1000 mg, Manganese (as Manganese-AHM*) 1500 mg, Iodine 10 mg, Cobalt (as Cobalt-AHM*) 15 mg, Selenium (as Selenium-AHM*) 15 mg, Chrome (as Chrome-AHM*) 10 mg, * Methionine (AHM) 25 000 mg, excipients q.s. ad 100 g.

Properties

Microquel® Pig Grow 8 in 1 Px is a balanced formula that combines 8 essential microelements associated with methionine in the form of chelates AHM (Analogue of Hydroxy Methionine), the stable link that provides superior performance and allows minerals to stay intact into the small intestine where they are readily absorbed into the bloodstream and eventually transported to tissues and organs for use.

Indications

Covers the requirements of microminerals on piglets, optimizing their genetic potential for optimal growth and development. Prevention and treatment of mineral deficiencies associated with the formula in piglets on growth stage, until the animals weight no more than 50 - 60 kg. The organic chelation with AHM protects minerals from non-desired reactions in the intestine, the release and passive absorption through the intestinal lumen are exceptionally improved in comparison with inorganic minerals. Its inclusion in the food formula of the piglet allows improving palatability.

Target species

Piglets in growth stage.

Dosage

General dose, 1 to 2 kg/TM of food (1 to 2 g/kg) or according to the indication of the veterinarian or nutritionist.

Presentation

100 g, 250 g, 500 g, 1 kg, 5 kg, 10 kg, 20 kg and 25 kg.



Microquel® Sow 8 in 1 Px

Organic Chelated Microelements, Protected with Methionine for Sows

Ingredients

Each 100 g contains: Iron (as iron-AHM*) 3500 mg, Zinc (as Zinc-AHM*) 4000 mg, Copper (as Copper-AHM*) 1000 mg, Manganese (as Manganese-AHM*) 1500 mg, Iodine 15 mg, Cobalt (as Cobalt-AHM*) 10 mg, Selenium (as Selenium-AHM*) 20 mg, Chrome (as Chrome-AHM*) 13 mg, *Methionine (AHM) 28 000 mg, excipients q.s. ad 100 g.

Properties

Microquel® Sow 8 in 1 Px is a balanced formula that combines 8 essential microelements associated with methionine in the form of chelates AHM (Analogue of Hydroxy Methionine), the stable link that provides superior performance and allows minerals to stay intact into the small intestine where they are readily absorbed into the bloodstream and eventually transported to tissues and organs for use.

Indications

Covers the requirements of microminerals on sows, optimizing their genetic potential for optimal growth and development. Prevention and treatment of mineral deficiencies associated with the formula. The organic chelation with AHM protects minerals from non-desired reactions in the intestine. Its inclusion in the food formula of the sow allows improving palatability.

Target species

Sows.

Dosage

General dose, 0.5 - 1 kg/TM of food (0.5 - 1 g/kg) or according the indication of the veterinarian or nutritionist.

Presentation

100 g, 250 g, 500 g, 1 kg, 5 kg, 10 kg, 20 kg and 25 kg.



ProBioenzyme®

Multienzyme - Prebiotic - Multi Probiotic

Ingredients

Each 1 g contains: Acid Protease (*) 2800 U, Amylase (*) 45 000 U, β - mannanase (*) 23 000 U, Xylanase (*) 192 000 U, β -glucanase (*) 46 000 U, Cellulase (*) 6500 U, Pectinase (*) 4800 U, Phytase (*) 1500 U, Inulin 5.50 mg, fructooligosaccharides (FOS) 10 mg, Probiotics (**) 1.05 Billions CFU, excipients 1 g. (*) As enzymatic complex. (**) Probiotics mix: *Lactobacillus plantarum*, *Lactobacillus acidophilus*, *Lactobacillus rhamnosus*, *Bacillus subtilis*, *Bacillus licheniformis*, *Bifidobacterium longum*, *Bifidobacterium bifidum*, *Streptococcus thermophilus*, *Enterococcus faecium*, *Aspergillus oryzae*, *Saccharomyces cerevisiae*, *Bacillus coagulans*.

Properties

ProBioenzyme® provides probiotics that colonize the digestive tract and compete with pathogenic organisms creating an unfavorable environment for their establishment. Prebiotics (inulin) provide nutritional support for the benefit of the microflora in the gastrointestinal tract (GIT). The enzyme complex allows obtaining more energy, greater availability of protein, amino acids and carbohydrates.

Indications

Multienzyme combination of bacterial origin for food based primarily on soy and corn. These enzymes help improve digestion of multiple nutrients in different food ingredients and thereby facilitate their assimilation and decrease the conversion rate. Maximizes productivity by improving GIT health. Improves the quality of litter and reduces mortality. Increases daily weight gain of broilers, egg production of laying hens and breeding flock, increases digestibility, prevents pathogenic bacteria (*E. coli*, *Salmonella* spp., etc.) in the GIT and also reduces internal toxins.

Target species

Poultry and pigs.

Dosage

Poultry: Broilers: 0.25 a 0.50 kg/TM of food. Laying hens: 0.25 kg/TM of food. **Pigs:** 0.50 kg/TM of food.

Presentation

1 kg and 20 kg.



ChickLyte® WS

Lysozym 100 | Zymex 100

ProBiolyte® WS

Vequinax WS

**Water
Soluble**

Nutrovet



ChickLyte® WS

Energetic-Electrolytic Balanced Association with Glycine and Probiotics

Ingredients

Each 100 g contains: Sodium chloride 11 000 mg, Potassium chloride 4000 mg, Sodium phosphate 5000 mg, Magnesium sulfate anhydrous 800 mg, Iron (as iron-AHM*) 334 mg, Manganese (as manganese - AHM*) 1576 mg, Copper (as copper-AHM*) 500 mg, Zinc (as zinc-AHM*) 431 mg, Dextrose monohydrate 56 000 mg, Dihydrate trisodium citrate 200 mg, Anhydrous citric acid 5000 mg, Glycine 8000 mg, Probiotics: 3 mg, Lactose monohydrate q.s. ad 100 g. *AHM: Analogue of Hydroxy Methionine.

Properties

ChickLyte® WS is a balanced association of easily absorbable electrolytes and chelated organic mineral salts, glucose and glycine, designed for treatment of dehydration. It restores electrolytes and improves acid-base balance lost in different metabolic disorders. Glycine increases glucose absorption. Probiotics restore intestinal flora and protect the tract from proliferation of pathogenic bacteria.

Indications

Treatment and prevention of dehydration conditions, electrolytic unbalance and lack of energy caused by excessive loss due to diarrhea, vomiting, sweating, illness, high temperature, excessive breathing and urine. As preventive and support in diarrheas, convalescence, post-vaccination, beak trimming and poultry reception, transport stress, heat stress, acidosis.

Target species

Poultry and pigs. Cattle, sheep, goats, camelids, horses, rabbits, dogs and cats.

Dosage

Poultry: 1 kg/1000 L of water. **Pigs:** 1 kg/750 L of water. **Other species:** Lactating calves and foals: Individual: 0.5 g/kg body weight at a rate of 30 - 40 g/L of water. Feedlot calves: 1 kg/500 L of water *ad libitum*. Lambs, kids and tuis: Individual: 10 g per ration of water. In group: 150 g/10 L of water *ad libitum*. Cattle, horses, rabbits, dogs and cats: Individual according to weight at a rate of 40 g/L of drinking water.

Presentation

15 g, 100 g and 1 kg.



Lysozym 100 | Zymex 100

Additive - Nutritional Supplement - Non Antibiotic Growth Promoter

Composition

Each 100 g contains: Lysozyme 10 g (equivalent to 5 000 000 IU), excipients q.s. ad 100 g.

Properties

Lysozym 100 | Zymex 100 is a preparation of lysozyme, purified and biotechnologically modified to be administered along with drinking water (or feed). Lysozyme facilitates phagocytosis and hydrolyzes the bacterial wall. It improves the health of intestinal tissues, promoting useful bacteria and reducing the discharge of enteropathogens. As promoter, it replaces the use of antibiotics, obtaining similar or better results. Used together with antibiotherapy, it reduces the dosage of antibiotics.

Indications

It improves digestibility and absorption, daily weight gain, feed conversion ratio and weight. It also improves proteic quality and reduces the percentage of fat in carcasses. It maintains general and gastrointestinal health and immunity, reduces pathogen discharge, prevents diarrheal processes and gives support in antibiotic treatments.

Target species

Poultry (chicken, roosters and turkeys) and pigs. Cattle, sheep, goats and camelids.

Dosage

Dosage in g per TM of feed or g per 2000 L of water. As promoter of growth, preventive and for improvement of resistance to diseases: **Pigs**: Piglets: 100 - 150 g, weaning piglets: 150 - 300 g, growth and finish: 70 - 100 g, lactating sows: 100 - 150 g. **Poultry**: initial: 80 - 150 g, growth: 60 - 80 g, finish: 50 - 60 g, egg-layers, breeders and competence: 80 - 100 g. **Ruminants**: 150 - 300 g. As support in infections and extreme stress: 1000 g, during 5 days prior to and/or during critical moments.

Presentation

15 g, 100 g, 500 g and 1 kg.



ProBiolyte® WS

Multi - element Complex of Vitamins, Minerals, Electrolytes, Amino acids and Probiotics

Ingredients

Each 100 g contains: Retinol Palmitate (Vit. A) 1 000 000 UI, Cholecalciferol (Vit. D3) 250 000 UI, DL-alpha tocopherol acetate (Vit. E) 500 mg, Menadione (sodium bisulfite and menadione) (Vit. K3) 450 mg, Thiamine (as Thiamin hydrochloride) (Vit. B1) 110 mg, Riboflavin 5-phosphate sodium dihydrate (Vit. B2) 150 mg, Nicotinamide (Vit. B3) 1000 mg, Calcium pantothenate (Vit. B5) 550 mg, Pyridoxine (as pyridoxine hydrochloride) (vitamin B6) 75 mg, Biotin (Vit. B7) 40 mg, Folic Acid (Vit. B9) 20 mg, Cyanocobalamin (Vit. B12) 1.2 mg, Sodium pangamate (Vit. B15) 20 mg, Inositol (Vit. BH) 50 mg, Ascorbic acid (as sodium ascorbate) (Vit. C) 100 mg, Aspartic acid (L-aspartic acid) 191.3 mg, Glutamic Acid (MSG As) 330 mg, Alanine (L-Alanine) 84 mg, Arginine (as L-Arginine hydrochloride) 46.5 mg, Cysteine (as L-Cysteine hydrochloride monohydrate) 42.8 mg, Phenylalanine (L-Phenylalanine) 49.5 mg, Glycine 413.3 mg, Histidine (as L-Histidine hydrochloride monohydrate) 42 mg, Isoleucine (L-Isoleucine) 111.8 mg, Leucine (L-Leucine) 177.8 mg, Lysine (L-Lysine hydrochloride) 1500 mg, Methionine (DL-Methionine) 1000 mg, Proline (L-proline) 100.5 mg, Serine (L-Serine) 330 mg, Tyrosine (L-Tyrosine) 39.8 mg, Threonine (L-Threonine) 126 mg, Tryptophan (L-Tryptophan) 31.5 mg, Valine (L-Valine) 106.5 mg, Anhydrous Citric Acid 5000 mg, Sodium chloride 5000 mg, Potassium chloride 8750 mg, Cobalt (as cobalt gluconate) 32.8 mg, Copper (as Copper edetate) 187.5 mg, Chromium (as Chromium-Methionine) 0.1 mg, Iron (as Iron-edetate) 65 mg, Manganese (as Manganese-edetate) 162.5 mg, Sodium Selenite (as sodium selenite pentahydrate) 50 mg, Anhydrous magnesium sulfate 1250 mg, Potassium Iodide 250 mg, Zinc (as Zinc edetate) 187.5 mg, Inulin 500 mg, Probiotics* 0.1 Billion CFU, excipients q.s. ad 100 g. (*) Probiotic blend: *Lactobacillus plantarum*, *Lactobacillus acidophilus*, *Lactobacillus rhamnosus*, *Bacillus subtilis*, *Bacillus licheniformis*, *Bifidobacterium longum*, *Bifidobacterium bifidum*, *Streptococcus thermophilus*, *Enterococcus faecium*, *Aspergillus oryzae*, *Saccharomyces cerevisiae*, *Bacillus coagulans*.

Indications

Nutritional supplement and enhancer of organic function, growth, production and health. Recommended as an adjuvant in all infectious diseases, poisoning, convalescence, abrupt temperature change, pre and post-vaccination, dehydration and transport. It acts as a restorative and anti-stress factor against pathogenic cases.

Target species

Poultry and pigs. Cattle, sheep, goats, camelids, horses, rabbits, dogs and cats.

Dosage

Water: in general 500 - 750 g/1000 L of water (0.5 - 0.75 g/L of water). Food: in general 200 - 250 g/MT (0.2 - 0.25 g/kg of food).

Presentation

15 g, 100 g, 1 kg and 20 kg.



Vequinax WS

Nutraceutical Supplement with Immune Stimulating Action

Ingredients

Echinacea purpurea extract (equal to 0.4 g of chicoric acid) 25 g, excipients q.s. ad 100 g

Indications

Stimulates the development of the immune system in all species, it is indicated as a coadjuvant treatment in any cases of infections, fever, delayed growth, and other conditions. Its immune stimulating action is due to cellular and humoral immunity development, improving interferon secretion and boosting white blood cell capacity. As a result of its use, it increases the antibody titer achieving a better immunity after vaccination. In addition, inhibits viral replication and prevents disease outbreaks such as: swine fever, swine flu, PRRS (Porcine reproductive and respiratory syndrome), and PCV (swine circovirus). As an aid in the prevention and treatment of poultry diseases such as IBD, Newcastle, influenza, etc.

Target species

Poultry and pigs. Horses, cattle, sheep, goats, camelids, dogs, cats, guinea pigs and rabbits.

Dosage

Poultry and pigs: in general: 50 - 100 g/200 L of water or 50 - 100 g/100 kg of feed. **Poultry:** as adjuvant therapy of viral diseases: 100 g in 150 L of water or 100 kg of total feed for 5 - 7 days; broiler chickens/ducks/turkeys: 100 g in 200 L of water after vaccination or between day 1 to 3 of age and thereafter, every 10 days for 3 consecutive days; layers: use it for 3 days each month or after vaccination, 100 g in 200 L of water. **Pigs:** piglets: mix 100 g with 100 kg of feed and use it for two weeks; sows: 100 g in 150 kg of feed or 300 L of water, use it 7 days before mating, 7 days after delivery and 7 days after weaning for 3 - 5 days; pigs between 13 and 17 week old: 100 g in 150 kg of feed or 300 L of water for 3 - 5 days. **Other animals:** horses and cattle: 1 - 2 g/50 kg of b.w.; young horses and cattle, sheep, goats, camelids: 1 - 2 g/animal; dogs and cats: 1 g/10 kg of b.w.; guinea pigs, rabbits and ornamental birds: 0.3 - 0.5 g/animal.

Presentation

100 g.



Management
System
ISO 9001:2008
ISO 27001:2013

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