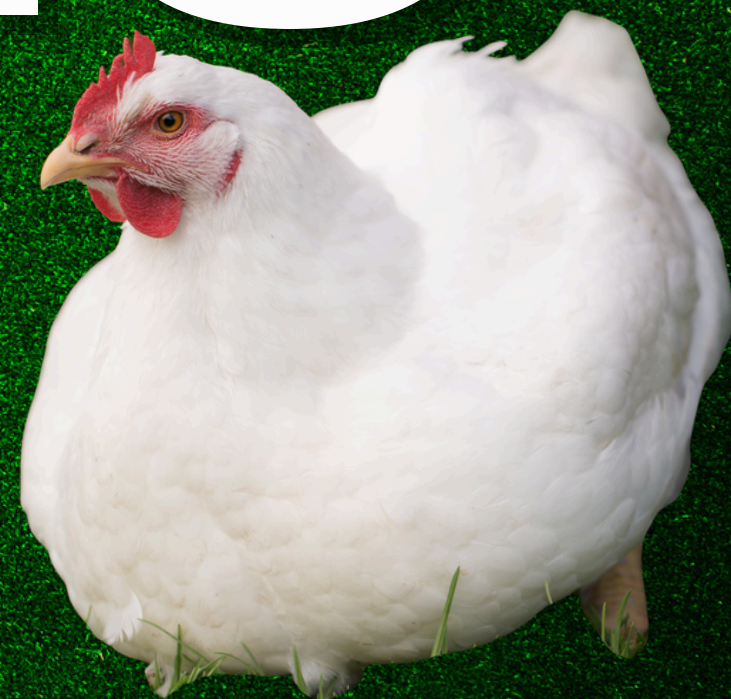


PRODUCT PORTFOLIO



ask.evrvetoptions@gml.com





Baycox 2.5% oral solution®

Baycox 2.5% is a widely recognized "gold standard" treatment that works against all intracellular developmental stages of the coccidia parasite, including schizonts and gametocytes, essentially destroying the pathogen at multiple points in its life cycle

- **Active Ingredient:** Toltrazuril (25 mg/mL).
- **Target Species:** Primarily used for chickens (broilers, breeders, replacement pullets), turkeys, geese, and ducks. A 5% formulation is more commonly used for pigs and cattle.
- **Indications:** Treatment and metaphylaxis (prevention) of clinical and subclinical coccidiosis.
- **Mode of Action:** It is coccidiocidal, meaning it kills the parasites without preventing the development of the bird's natural, lifelong immunity to coccidiosis, which is a significant advantage over some other treatments.

Antiprotozoal / Anticoccidial





Baycox 2.5% oral solution®

Administration and Dosage (Poultry)

Baycox 2.5% is administered orally via the drinking water, making it easy to treat an entire flock.

- **Dosage Rate:** The recommended dose is 7 mg toltrazuril per kg of body weight daily for two consecutive days.
- **Mixing Options:**
 - **Continuous Medication (48 hours):** Mix 1 mL of Baycox 2.5% per 1 liter of drinking water for a continuous 48-hour period.
 - **Intermittent Medication (8 hours/day):** Mix 3 mL of Baycox 2.5% per 1 liter of drinking water and provide for 8 hours on each of two consecutive days.

Important Note: Ensure no other water source is available during the medication period. The medicated water solution is stable for 48 hours.





Baycox 2.5% oral solution®

Precautions and Withholding Periods

- Laying Hens: DO NOT USE in laying hens producing eggs for human consumption.
- Meat Withdrawal: Poultry must not be slaughtered for human consumption for at least 14 days after the last treatment.
- Veterinary Guidance: Always consult a veterinarian for an accurate diagnosis and appropriate treatment plan, especially for severe cases or repeat treatments.
- **Indication:** For the treatment of coccidiosis in poultry such as chicken: *E. acervulina*, *E. brunetti*, *E. maxima*, *E. necatrix*, *E. tenella*; Turkey: *E. adenoides*, *E. meleagrimitis*.
- **Dose:** Given at 7 mg/kg (0.28 mL/Kg) of bodyweight or 1 mL per liter (25 ppm) of drinking water continuously for 48 hours or 3 mL per liter (25 ppm) of water for 8 hours per day for 2 consecutive days.
- **Withdrawal period:** 18 days





Baycox 5% Pigdoser®

A specialized oral suspension designed for the prevention and treatment of coccidiosis in young piglets, caused by *Isospora suis*. It is a highly effective, single-dose treatment that controls clinical signs of disease and reduces oocyst shedding.

- **Active Ingredient:** Toltrazuril 5% (50 mg/mL).
- **Target Animal:** Suckling piglets, typically 3 to 5 days of age.
- **Dosage & Administration:**
 - **Rate:** The dosage is based on the piglet's body weight.
 - **Volume:** The volume of suspension administered is calculated based on the piglet's weight and the concentration of the active ingredient.
 - **Method:** Administered as a single oral dose.
 - **Tip:** Shake well before use.
- **Indications:** Metaphylactic treatment of coccidiosis due to *Isospora suis* in neonatal piglets.
- **Withdrawal Period (Pigs):** Treated swine must not be slaughtered for human consumption for a specified period after treatment.
- **Precautions:** Avoid direct contact with skin or eyes; wash immediately if contact occurs



Antiprotozoal / Anticoccidial



Baytril 5% Injectable®

Baytril 5% Injectable (Enrofloxacin 50 mg/mL) is a broad-spectrum fluoroquinolone antibiotic used in veterinary medicine to treat infections caused by Gram-positive and Gram-negative bacteria, as well as Mycoplasma. It is a prescription-only medication.

- **Active Ingredient:** 50 mg/mL of Enrofloxacin (5% solution).
- **Target Species:** Dogs, Cats, Cattle, Sheep, Goats, Pigs.
- **Indications:** Treatment of infections caused by pathogens sensitive to enrofloxacin (e.g., E. coli, Klebsiella, Proteus, Staphylococcus, Pasteurella, Bordetella, Pseudomonas).
- **Administration:** Typically administered via subcutaneous or slow intravenous injection.
- **Dosage:** A common dosage is 5mg of enrofloxacin/kg body weight, or 1mL/10kg body weight, usually once daily for 3 days.
- **Side Effects:** High doses in cats can cause serious retinal toxicity, including blindness.
- **Precaution:** Requires a veterinary prescription.



ANTIBIOTIC



Baytril 5% Injectable®

Baytril 5% Injectable (Enrofloxacin 50 mg/mL) is a broad-spectrum fluoroquinolone antibiotic used in veterinary medicine to treat infections caused by Gram-positive and Gram-negative bacteria, as well as Mycoplasma. It is a prescription-only medication.

- **Site Management:** Do not administer more than 10 mL at a single subcutaneous injection site.
- **Contraindications:** Use with caution in growing animals, as fluoroquinolones may cause cartilage abnormalities.
- **Off-label Use:** Often used "off-label" in exotic animals, birds, and reptiles under veterinary supervision.





Baytril 5% Injectable®

- **Indication:** For the treatment of bacterial diseases caused by Gram-negative and Gram-positive bacteria and mycoplasma [e.g., Mycoplasma spp., Haemophilus spp., Streptococcus spp., Bordetella and pasteurella spp., Actinobacillus pleuropneumoniae (APP), Salmonella sp., E coli and Clostridium sp.
- **Dosage:** 2.5-5.0 mg/kg BW or 0.5-1 mL per 10kg BW for 3-5 days via IM intramuscular injection.
- **Withdrawal Period:** 7 Days





Baytril Max

(100 mg/ml enrofloxacin) is a broad-spectrum, fast-acting antimicrobial for treating respiratory infections in pigs and cattle, as well as E. coli mastitis in cattle. It offers a single-dose concept (depending on dosage) designed for high tissue concentration and reduced injection stress.

Key Product Details

- Active Ingredient: Enrofloxacin 100 mg/mL.
- Target Species: Cattle and Pigs.
- Indications:
 - Pigs: Treatment of bacterial bronchopneumonia (*Actinobacillus pleuropneumoniae*, *Pasteurella multocida*, *Haemophilus parasuis*).
- Administration & Dosage:
 - Pigs: Typically 2.5 mg/kg body weight (1 ml per 40 kg) up to 7.5 mg/kg for severe cases, intramuscularly (neck area).
- Withdrawal Periods:
 - Pigs (IM): 12–14 days.

ANTIBIOTIC



- **COMPOSITION:** Enrofloxacin 100 mg per mL
- **INDICATION:** For the treatment of swine respiratory diseases (SRD) associated with *Actinobacillus pleuropneumoniae* (APP), *Pasteurella multocida*, *Haemophilus parasuis*, *Streptococcus suis*, and *Mycoplasma* species. Enrofloxacin (Baytril Max) is also indicated for the control of colibacillosis in groups or pens of weaned pigs where colibacillosis associated with *Escherichia coli* has been diagnosed.
- **DOSAGE and ADMINISTRATION:** For respiratory diseases in pigs and cattle: Administration is via intramuscular route in pig and subcutaneous in cattle. Dosage rate is 7.5 mg per kg BW (equivalent to 1.5 mL/20 kg BW) given only once. Not more than 7.5 mL in pigs and not more than 15 mL in cattle and calves should be administered at one injection site. In cattle, a second injection 48 hours later may be necessary for severe or chronic respiratory disease.
- **Withdrawal:** 12 Days





Denagard 10% Premix®

Denagard® 10 Premix: For control and treatment of swine dysentery (SD) associated with *Brachyspira hyodysenteriae** and control of ileitis associated with *Lawsonia intracellularis** +CTC: For control of SD associated with *B. hyodysenteriae** and for treatment of swine bacterial enteritis caused by *E. coli*.

Denagard® LC: Treatment of SD associated with *B. hyodysenteriae* and swine pneumonia due to *Actinobacillus pleuropneumoniae* (APP)*

- **Active Ingredient:** The sole active ingredient is tiamulin hydrogen fumarate, a semi-synthetic diterpene antibiotic.
- **Formulation:** It is a 10% (w/w) granular premix designed to be incorporated into feed to create medicated feeding stuff.
- **Manufacturer:** Denagard is a trademark of Elanco or its affiliates

ANTIBIOTIC



Denagard 10% Premix®

Denagard® 10 Premix: For control and treatment of swine dysentery (SD) associated with *Brachyspira hyodysenteriae** and control of ileitis associated with *Lawsonia intracellularis** +CTC: For control of SD associated with *B. hyodysenteriae** and for treatment of swine bacterial enteritis caused by *E. coli*.
Denagard® LC: Treatment of SD associated with *B. hyodysenteriae* and swine pneumonia due to *Actinobacillus pleuropneumoniae* (APP)*

Indications for Use

- **Pigs:** Treatment and control of swine dysentery (*Brachyspira hyodysenteriae*), porcine proliferative enteropathy (*Lawsonia intracellularis*), and enzootic pneumonia (*Mycoplasma hyopneumoniae*). It can also be combined with chlortetracycline for expanded control of certain *E. coli*, *Salmonella*, and *Pasteurella multocida* infections.
- **Poultry and Rabbits:** It is also indicated for specific conditions in chickens, turkeys, and rabbits. Information regarding its use in these species, including treatment and prevention of certain *Mycoplasma* species in poultry and epizootic rabbit enterocolitis



Denagard 10% Premix®

Denagard® 10 Premix: For control and treatment of swine dysentery (SD) associated with *Brachyspira hyodysenteriae** and control of ileitis associated with *Lawsonia intracellularis** +CTC: For control of SD associated with *B. hyodysenteriae** and for treatment of swine bacterial enteritis caused by *E. coli*.
Denagard® LC: Treatment of SD associated with *B. hyodysenteriae* and swine pneumonia due to *Actinobacillus pleuropneumoniae* (APP)*

- **Contraindications:** Swine receiving Denagard should not be given feed containing polyether ionophores (like monensin, narasin, salinomycin) due to potential adverse reactions and toxicity.
- **Withdrawal Periods:** To prevent drug residue in meat, a withdrawal period is required before slaughter, varying by species.
- **Administration:** Follow veterinary instructions for dosing and ensure medicated feed is the sole feed source during treatment



Denagard 10% Premix®

- **COMPOSITION:** 1 kg contains 100 g Tiamulin hydrogen fumarate
- **INDICATION:** Prevention and treatment of Swine Dysentery caused or complicated by *Brachyspira hyodysenteriae*, Ileitis caused by *Lawsonia intracellularis* and Colitis caused by *Brachyspira pilosicoli*. Prevention and treatment of Swine Enzootic Pneumonia caused by *Mycoplasma hyopneumoniae* complicated by the susceptible organisms i.e., *Mycoplasma hyorhinis*, *Pasteurella* spp., *Haemophilus* spp.
- **DOSAGE:** Swine Enteric Diseases (Swine Dysentery, Ileitis & Colitis): 100-150 ppm for 7 consecutive days; Swine Respiratory Disease (Swine Enzootic Pneumonia): 100-200 ppm for 7 consecutive days
- ***Note:** If no response to treatment is obtained within 7 days, re-establish the diagnosis. Failure of response may be related to non-susceptible or other complicating conditions. Animals should not receive products containing polyether ionophores like monensin, salinomycin or narasin during or for at least 7 days before or after medication with Denagard



Paylean 20 Pmx[®]

Paylean 20 Pmx[®] (Premix), a feed additive manufactured by Elanco that contains the active ingredient ractopamine hydrochloride. It is used in finishing pigs and turkeys to improve growth performance and carcass composition.

Indications for Use

- **Finishing Pigs:** It is used to increase the rate of weight gain, improve feed efficiency, increase carcass leanness, and increase dressing percentage. It is typically fed during the final 45 to 90 lbs of weight gain before market.
- **Finisher Turkeys:** It is also used in finisher turkeys for increased rate of weight gain and improved feed efficiency.
- **Lactating Sows:** In some regions, it is indicated for use in lactating sows to reduce weaning weight and improve lactation.



Antiprotozoal / Anticoccidial



Paylean 20 Pmx[®]

Paylean 20 Pmx[®] (Premix), a feed additive manufactured by Elanco that contains the active ingredient ractopamine hydrochloride. It is used in finishing pigs and turkeys to improve growth performance and carcass composition.

- **Active Ingredient:** The active ingredient is ractopamine hydrochloride (20 g/kg).
- **Function:** It is a beta-adrenergic agonist, or repartitioning agent, that redirects nutrients in the animal's body from fat deposition to lean muscle accretion.
- **Formulation:** It is a premix designed to be mixed into complete feed.





Paylean 20 Pmx[®]

- **ACTIVE INGREDIENT:** Ractopamine hydrochloride
- **INDICATION:** For increased rate of weight gain, improved feed efficiency, increased carcass leanness, and Increased dressing percentage
- **DOSAGE:** For increased rate of weight gain and improved feed efficiency: Thoroughly mix 0.25 kg per ton o feeds to provide 5 ppm/mt of finished feed. For increased carcass leanness and increased carcass dressing percentage: Thoroughly mix 0.5 kg to 1 kg per ton of feeds to provide 10-20 ppm of finished feed. To be given for only 28 days (before market).
- **WITHDRAWAL PERIOD:** Zero day prior to slaughter





Pulmotil 200 Pmx[®]

Pulmotil 200 Pmx[®] is a medicated feed premix containing the antibiotic tilmicosin phosphate, used primarily in pigs, cattle, and rabbits to control and treat various respiratory diseases

- **Active Ingredient:** The active ingredient is tilmicosin (as tilmicosin phosphate), a macrolide antibiotic.
- **Formulation:** It is a granular premix formulated to be thoroughly mixed into feed as the sole ration to provide 200 grams of tilmicosin activity per kilogram of finished feed.

Indications for Use

- **Swine:** For the control of Swine Respiratory Disease (SRD) associated with *Actinobacillus pleuropneumoniae*, *Pasteurella multocida*, and *Mycoplasma hyopneumoniae* (in the presence of PRRSV). It also helps reduce the severity of porcine polyserositis and arthritis linked to *Haemophilus parasuis* (Glasser's Disease).





Pulmotil 200 Pmx[®]

- **ACTIVE INGREDIENT:** Ractopamine hydrochloride
- **INDICATION:** For increased rate of weight gain, improved feed efficiency, increased carcass leanness, and Increased dressing percentage
- **DOSAGE:** For increased rate of weight gain and improved feed efficiency: Thoroughly mix 0.25 kg per ton o feeds to provide 5 ppm/mt of finished feed. For increased carcass leanness and increased carcass dressing percentage: Thoroughly mix 0.5 kg to 1 kg per ton of feeds to provide 10-20 ppm of finished feed. To be given for only 28 days (before market).
- **WITHDRAWAL PERIOD:** Zero day prior to slaughter





Tylan 250Pmx®

Tylan 250 Pmx® is a medicated feed premix manufactured by Elanco that contains the macrolide antibiotic tylosin phosphate. It is primarily used in pigs, broilers, and pullets for the prevention, control, and treatment of various bacterial infections, particularly respiratory and enteric diseases.

Indications for Use

- Tylan 250 Pmx® is used in pigs for the prevention and control of enzootic pneumonia, as well as the treatment and control of Porcine Intestinal Adenomatosis (Ileitis) and Porcine Haemorrhagic Enteropathy caused by *Lawsonia intracellularis*. It is also used to control swine dysentery caused by *Brachyspira hyodysenteriae*. In broilers and pullets, it is used for the treatment and prevention of respiratory infections caused by *Mycoplasma gallisepticum* and *Mycoplasma synoviae*, and necrotic enteritis caused by *Clostridium perfringens*.





Tylan 250Pmx[®]

- **COMPOSITION:** Each kg contains 250 g Tylosin phosphate
- **INDICATION:** For the prevention, treatment and control of Chronic Respiratory Disease (air succulitis) caused by *Mycoplasma gallisepticum* and *Mycoplasma synoviae*. For the treatment and prevention of necrotic enteritis caused by *Clostridium perfringens*, when the disease has been diagnosed in flock.
- **DOSAGE:** For the treatment and prevention of respiratory infections: 127 mg tylosin per kg BW (corresponding to 508 mg Tylan[™] 250 premix per kg BW) for the first 5 days of life. It is strongly recommended to repeat the treatment of the birds at the age of 3-4 weeks. For the treatment and prevention of necrotic enteritis: 10-20 mg tylosin per kg BW (corresponding to 40-80 mg Tylan[™] 250 premix per kg BW) for 7 days. The intake of medicated feed depends on the clinical condition of the animals. In order to obtain the correct dosage, the concentration of Tylan has to be adjusted accordingly. TM 250
- **WITHDRAWAL PERIOD:** 5 days





Maxiban™

Anticoccidial Premix

Maxiban is a 50:50 granulated mix of nicarbazin (a chemical anticoccidial) and narasin (an ionophore), working synergistically to prevent coccidiosis, which is an important trigger for a loss of intestinal integrity. It is indicated for the prevention of coccidiosis caused by *Eimeria acervulina*, *E. brunetti*, *E. maxima*, *E. mivati*, *E. necatrix* and *E. tenella*. For use in broiler chicken feed only.



Key Product Benefits:

- Maxiban can be used year-round, both in the winter and summer months.
- The low-level use of each component minimizes the risk of resistance.
- Maxiban allows bird immunity development whilst preventing coccidiosis.
- Granulation reduces dust and the risk of carryover.

Pack Size: 25 Kg

Application: Pre-Mix Feed



Maxiban™

Anticoccidial Premix



Year-round Use

Maxiban™ can be used in winter and summer months.



Decreased Risk of Resistance

Minimal selection pressure on coccidia parasite.



Allows development of bird immunity

Prevents coccidiosis while allowing natural immunity.



Maxiban™

Anticoccidial Premix

Dosage and administration

This premix must be thoroughly mixed in feed before use. Thoroughly mix 0.5 to 0.625 kg Maxiban Premix in one tonne of feed to provide 40 to 50 ppm of each active per ton of complete feed. Feed continuously as the only ration for at least 14 days.

Withholding Periods

MEAT: Zero (0) days.

EGGS: DO NOT USE in birds which are producing or may in the future produce eggs or egg products which may be used or processed for human consumption.



Maxiban™

Anticoccidial Premix

- **COMPOSITION:** Each kg contains: Narasin 80 g, Nicarbazin 80 g
- **INDICATION:** For the prevention of coccidiosis caused by *Eimeria acervulina*, *E. brunetti*, *E. maxima*, *E. mivati*, *E. necatrix*, *E. tenella* in chickens.
- **DOSAGE, MIXING AND FEEDING DIRECTIONS:** Thoroughly mix the following amounts of Maxiban™ in one metric ton of complete feed to provide 30-50 g/ton each of narasin and nicarbazin. The dosage should be adjusted to meet the severity of the coccidial challenge, which varies with environmental and management conditions. It is recommended that a pre-blend of Maxiban™ in a 15-20 kg of feed be made before incorporating into the total amount of finished feed. Must be thoroughly mixed in feeds before use. Give as the only ration for 14-28 days or as recommended by a veterinarian.
- **WITHDRAWAL PERIOD:** Withdrawal medication 4 days before slaughter.



Surmax Premix is primarily an antibiotic of the orthosomycin family that works by inhibiting bacterial protein synthesis, making it effective against Gram-positive bacteria.

- **Active Ingredient:** Avilamycin.
- **Target Species:** Broiler chickens, layer chickens, and swine (pigs).
- **Primary Indications:**
- **Broilers:** For the prevention and control of necrotic enteritis caused by *Clostridium perfringens*, and to improve feed efficiency and weight gain.
- **Swine:** To aid in the prevention and control of post-weaning scours (diarrhea) associated with *Escherichia coli* and to improve weight gain and feed efficiency.
- **Layers:** To improve feed efficiency



Administration & Precautions

- Surmax Premix is a powder that must be thoroughly mixed into animal feed before use.
- Dosage: The dosage varies by species and indication, typically ranging from 15 to 80 ppm of avilamycin in the feed, as specified by the product label.
- Administration: It should be used as a sole ration continuously during the period of risk or as directed by a veterinarian.
- Handling: When mixing and handling, protective clothing, impervious gloves, and a dust mask should be used to avoid inhalation or direct contact.
- Withdrawal Period: No withdrawal period is required for broiler chickens or swine when the product is used according to the label directions. Do not feed to laying hens.
- Veterinary Consultation: Always consult with a veterinarian before use to ensure it is suitable for your specific livestock needs and to avoid potential interactions with other medications.





Surmax®

- **COMPOSITION:** Each kg contains 100 g Granular Avilamycin, 5-30 g Mineral oil or Soybean oil
- **INDICATION:** Broilers: For the control of Necrotic Enteritis caused by *Clostridium perfringens*.
- **DOSAGE:** Use only as directed. Mix the appropriate mass of Surmax® 100 Premix per metric ton of complete feed to obtain the recommended level. It is recommended that Surmax® 100 Premix 100 should be thoroughly mixed in a small quantity of complete feed (20 kg-30 kg) before it is incorporated into the bulk of the total feed to be prepared. Thoroughly mix 100-150 g Surmax 100 Premix in one metric ton of complete feeds to provide 10-15 ppm of Avilamycin activity. Feed for 5-7 days or as recommended by a veterinarian.
- **WITHDRAWAL PERIOD:** Withdrawal feeds containing avilamycin 3 days before slaughter.



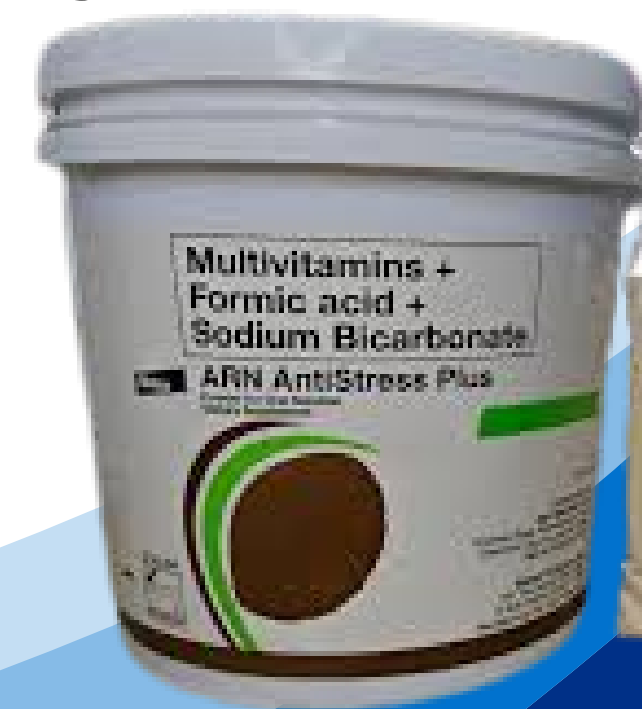


ARN Antistress Plus

A water-soluble powder containing multivitamins, electrolytes, and organic acids, formulated to boost immunity and fight stress in poultry and swine. It helps improve performance, especially during heat stress, vaccination, and recovery periods. It is widely used to improve feed efficiency and prevent nutrient deficiencies

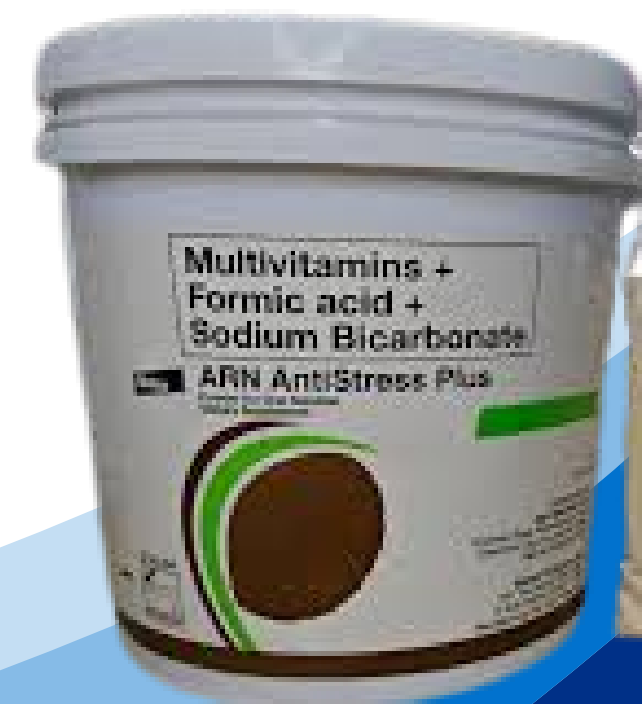
Key Features and Benefits

- Composition: Contains essential vitamins A, D3, E, K3, B1, B2, B6, and electrolytes.
- Target Species: Poultry and swine.
- Uses: Helps in preventing heat stress, aids recovery, increases resistance during vaccination, and supports overall health.
- Formulation: Water-soluble powder.
- Manufacturer: Distributed by Elanco Philippines, Inc.
- Dosage Guidelines (General)
- Conditioning: $\frac{1}{2}$ teaspoon per gallon of water (2–3 times a week).
- Post-training/Stress: 1 teaspoon per gallon of water (1–2 days).
- Young Birds: $\frac{1}{2}$ tsp per gallon of water (3 times a week).



ARN Antistress Plus

- **COMPOSITION:** Vit A, Vit D, Vit E, Vit K3, Vit B1, Vit B2, Vit B12, Vit B3, Calcium Pantothenate, Vitamin C, Sodium Bicarbonate, Calcium formate, Dextrose
- **INDICATION:** A water soluble powder combination of multivitamins, electrolytes, and acidifier recommended for poultry during stressful conditions. It increases resistance during vaccination, heat stress, transport, disease condition and when there is drop in egg production.
- **DOSAGE:** Dissolve 200 gms per 500 liters of drinking water or 1 teaspoon per 10 liter and give for 3 to 5 days after vaccination, during weaning, farrowing, heat stress, decreased egg production and disease outbreak.
- **WITHDRAWAL PERIOD:** None



Coforta® contains butaphosphan, a readily available source of phosphorus and vitamin B12, providing an energy source that can be mobilised and used quickly.

Coforta® stimulates glycogen metabolism, the ADP/ATP energy cycle, and helps restore the energy reserves of fatigued muscles.

Product Benefits



- Readily available source of phosphorus
- Source of vitamin B12 - essential for normal metabolism
- Speeds up recovery after racing or exercise
- Improves appetite
- Enhances recovery from surgery or illness
- Antioxidant – free radical scavenger
- Stimulates immunity to fight disease
- Wide safety margin



Coforta®

a veterinary metabolic stimulant containing 100mc/ml butaphosphan and 50mc/ml cyanocobalamin (Vitamin B₁₂). It is designed to restore energy reserves, treat metabolic disorders, and aid in recovery for livestock, poultry, horses, and pets suffering from fatigue, exhaustion, or illness.

Key Product Benefits:

- **Composition:** Provides a readily available source of phosphorus to support energy metabolism and Vitamin b12 for normal metabolic function.
- **Target Animals:** Cattle, horses, sheep, goats, pigs, dogs, cats, and poultry.
- **Indications:** Used for acute or chronic metabolic disorders, infertility, developmental disorders in young animals, nutritional deficiencies, and to boost performance after heavy exertion.
- **Administration:** Can be given via intravenous, intramuscular, or subcutaneous injection. In some contexts, it is recommended to be administered orally (mixed with food or water) for small animals, though it is primarily an injectable product.



- **COMPOSITION:** Butaphosphan 100 mg per mL; Vit. B12 (Cyanocobalamin) 50 mcg per mL
- **INDICATION:** For faster recovery from stress conditions brought about by weaning, farrowing, environmental, management and feed changes. Helps increase milk production in sows during lactation for healthier and heavier piglets. Butaphosphan stimulates energy metabolism and strengthens the immune system by lowering cortisol levels. Vit. B12 acts as co-enzyme in the protein, carbohydrate and fat metabolism for appetite stimulation and promotes red blood cell formation.
- **DOSAGE:** Suckling Pigs: 1.0-2.5 mL; Nursery to Grower-Finisher: 2.5-20.0 mL; Sows: 10-20 mL per head



Key Features and Uses

- **Active Ingredient:** It is based on a natural, patented strain of *Bacillus subtilis* (QST 713).
- **Primary Function:** As a probiotic, it promotes a healthy gut microbiome by outcompeting harmful pathogens and enhancing intestinal integrity.
- **Disease Prevention:** It is specifically used to help prevent common gut infections associated with *Clostridia* (the cause of necrotic enteritis) and *Campylobacter* pathogens.
- **Performance Benefits:** By stabilizing the gut environment, it improves feed efficiency, mass gain, and overall flock or herd performance, particularly during periods of stress.



Key Benefits and Indications

- **Improved Production:** Enhances milk production in lactating animals and increases egg production in poultry.
- **Skeletal Health:** Promotes strong bone formation and helps prevent conditions like rickets, lameness, and soft-shelled eggs in poultry.
- **Disease Resistance:** Boosts the immune system and natural resistance against various diseases.
- **Growth and Efficiency:** Enhances growth performance, prevents stunted growth in young animals, and improves feed conversion efficiency.
- **Reproductive Health:** Aids in better breeding performance in male pigs and supports overall reproductive health.



Composition and Administration

- Key Ingredients: Includes **Vitamins A, D3, and E**, along with essential minerals like **calcium, phosphorus, sodium, magnesium, iron, copper, zinc, manganese, iodine, cobalt, and selenium**. The **Pecutrin XP** variant also includes a phytase enzyme for improved phosphorus utilization.
- **Dosage:** It is typically administered by mixing the recommended dosage with feed.
 - **Pigs** (Piglets, Growers, Breeders): 5 grams per kilo of feed continuously.
 - **Poultry** (Broilers, Pullets, Layers): 5 grams per kilo of feed continuously.





Toxisorb Classic®

A natural, mineral-based mycotoxin binder primarily used as a feed additive in livestock to protect animals from harmful fungal toxins, especially aflatoxins. A feed supplement that operates entirely within the animal's digestive tract without entering the bloodstream or leaving residues in meat, milk, or eggs, making it safe for use across various animal species and ages.

- **Active Ingredient:** The product is a specially modified aluminosilicate (specifically, montmorillonite clay). This natural mineral has a high negative surface charge and a large surface area that allows it to bind mycotoxins electrostatically.
- **Mechanism:** When mixed into feed and consumed by the animal, the binder attracts and binds the toxin molecules in the gut. These now-inactive, bound toxins are then safely eliminated with the animal's waste, preventing them from being absorbed into the animal's system.



Toxisorb Classic®

Toxisorb Classic is highly effective in controlling specific mycotoxins that commonly contaminate animal feedstuffs like maize, wheat, and soy.

- **Target Toxins:** It is particularly effective at binding Aflatoxin B1 (AFB1), a highly toxic and carcinogenic mycotoxin, and Ergot alkaloids.
- **Animal Health Benefits:** By binding these toxins, it helps prevent symptoms such as growth reduction, reduced immunity, liver damage, and increased mortality in poultry, swine, and ruminants.
- **Food Chain Safety:** It plays a key role in food safety by ensuring that mycotoxin metabolites do not remain in the food chain.



Toxisorb Classic®

Dosage and Application

The product is a beige to gray powder that is easy to handle and mix with different types of feed, including powder, pelletized, and liquid forms.

- **Prophylactic Use:** For preventative measures, the typical dosage is 1-2 kg per ton of feedstuff.
- **Contaminated Feed:** Depending on the type and concentration of mycotoxins present, the dosage may be increased to 2-4 kg per ton of feedstuff.
- **COMPOSITION:** Bentonite.
- **FEATURES AND BENEFITS:** Adsorbent for Aflatoxin B1 and Ergot Alkaloids.
- **RECOMMENDED INCLUSION:** Low content of Mycotoxins: 1 kg per ton of feeds.
With increased Mycotoxin Levels: 2-4 kg/ton of feeds.



Toxisorb Premium®

Toxisorb Premium is a specially modified aluminosilicate feed additive with a unique composition of natural minerals designed for comprehensive protection of livestock health.

- **Broad-Spectrum Binding:** Unlike the Classic version (which mainly targets Aflatoxins), the Premium version has a mixed-layer structure with both hydrophilic and hydrophobic layers, enabling it to bind both polar and non-polar toxins.
- **Active Ingredients:** It is primarily a refined blend of natural clay minerals (montmorillonite/smectite), free from dioxins and heavy metals. The chemical composition includes high percentages of SiO₂ and MgO.
- **Mechanism of Action:** The product's open spatial structure and large surface area (equivalent to a tennis court per gram, according to Clariant) allow toxins to attach firmly via electrostatic interactions and hydrogen bonding. The toxins are bound in the animal's digestive tract and safely eliminated with waste products, preventing absorption into the bloodstream.



Toxisorb Premium®

Toxisorb Premium is a specially modified aluminosilicate feed additive with a unique composition of natural minerals designed for comprehensive protection of livestock health.

- **Target Toxins:** Highly effective against a wide range, including Aflatoxin, Fumonisin, Ochratoxin A, T-2 Toxin, and Zearalenone.
- **Additional Benefits:** It can also adsorb large-molecular-weight endotoxins and enterotoxins produced by bacteria in the digestive tract, further supporting animal health.
- **Safety:** Nutrients in the feed pass through unhindered, and there are no residues of the binder or the bound mycotoxins in meat, milk, or eggs



Toxisorb Premium®

- **COMPOSITION:** Bentonite
- **FEATURES AND BENEFITS:** Effective in binding aflatoxin, ergot, zearalenone, ochratoxin, fumonisin, deoxynivalenol and T2 toxin including endotoxins
- **RECOMMENDED INCLUSION: Low content of Mycotoxins: 1 kg/ton of feeds.**
With increased Mycotoxin Levels: 2-4 kg/ton of feeds.



Pulmotil AC®

Pulmotil AC is a macrolide antibiotic aqueous concentrate for the control of respiratory diseases in swine, chickens, turkeys, and calves, with the active ingredient tilmicosin phosphate

- **Active Ingredient:** Tilmicosin (as tilmicosin phosphate), at a concentration of 250 mg/mL.
- **Target Species:** Swine, chickens, turkeys, and pre-ruminant calves.
- **Formulation:** An aqueous (water-based) concentrate that must be diluted before administration.
- **Mode of Action:** Tilmicosin is bacteriostatic (slows bacterial growth) but can be bactericidal at high concentrations, interfering with bacterial protein synthesis.





Pulmotil AC®

Pulmotil AC is a macrolide antibiotic aqueous concentrate for the control of respiratory diseases in swine, chickens, turkeys, and calves, with the active ingredient tilmicosin phosphate

Indications for Use

- Laying Hens: DO NOT USE in laying hens producing eggs for human consumption.
- Meat Withdrawal: Poultry must not be slaughtered for human consumption for at least 14 days after the last treatment.
- Veterinary Guidance: Always consult a veterinarian for an accurate diagnosis and appropriate treatment plan, especially for severe cases or repeat treatments.
- **COMPOSITION:** Tilmicosin 250 mg/mL
- **INDICATION:** For the treatment and control of respiratory infections in chicken flocks, associated with *Mycoplasma gallisepticum*, *Mycoplasma synoviae*, and other organisms sensitive to tilmicosin.
- **DOSE:** Include in the drinking water: Chickens-0.3 mL. Pulmotil™ AC per liter
- **WITHDRAWAL PERIOD:** 10 days



Prevacent PRRS®

Effective for the vaccination of healthy pigs 2 weeks of age or older against porcine reproductive and respiratory syndrome (PRRS); and against reproductive disease when vaccinated 6 weeks prior to breeding.

Key Details for Prevacent PRRS Vaccine

- **Indications:** Recommended for vaccinating healthy pigs 2 weeks of age or older to aid in preventing the respiratory form of PRRS.
- **Administration:** Typically administered intramuscularly.
- **Key Benefits:**
 - **Reduced Viremia:** Studies indicate that it causes less viremia compared to some other MLV vaccines, with no detected aerosol shedding in the first 28 days.
 - **Performance:** Studies showed no significant reduction in growth performance or body weight at 50 or 125 days post-vaccination.
 - **Safety:** Evaluated for both respiratory and reproductive safety.





Prevacent PRRS®

- **INDICATION:** This product has been shown to be effective for the vaccination of healthy pigs 2 weeks of age or older against PRRS respiratory disease, and against reproductive disease when vaccinated in sows 6 weeks prior to breeding. Safety of this product has been demonstrated when sows or gilts are vaccinated prior to breeding or at any stage of pregnancy.
- **DOSAGE:** Rehydrate with the accompanying sterile diluent. Shake well and draw back into the syringe the required amount. Administer 1 mL intramuscularly. The need for annual booster vaccinations has not been established for this product; consultation with a veterinarian is recommended.
- **PRECAUTION:** Store at 2°-8° C (35°- 46° F). Do not freeze. Use entire contents when first opened. Do not mix with other products, except as specified on this label. In case of human exposure, contact a physician. The duration of potential vaccine virus transmission may vary. Inactivate unused contents before disposal. Anaphylactic reactions may occur. Symptomatic treatment: Epinephrine. Contains gentamicin as preservative.
- **WITHDRAWAL PERIOD:** Do not vaccinate within 21 days before slaughter.





Tonistry Px

A highly palatable isotonic protein solution that delivers essential nutrients to the gut of piglets from day 2 of life. The first week of a pig's life is a critical period for gut development and microbiome colonization, which has a long-term impact on piglet survival and growth. By nourishing the gut through its rapid development early in life,

Main advantages of the product

Highly digestible isotonic solution for pigs

- Helps pigs get off to a good start
- Nourishes the intestines of pigs from the second day of life
- Improves intestinal health
- Improves weight gain
- Improves pig performance
- Reduces pre-weaning mortality

Packaging

Tonistry Px is available in 1 kg and 5 kg resealable bags.





Tonistry Px

- **COMPOSITION:** Dextrose, sodium chloride, potassium chloride, whey protein, monosodium phosphate
- **INDICATION:** Tonistry PxTM is a complementary feed for all swine classes from Day 2 of life.
- **DOSAGE:** Directions for use: Mix 15 g (1 level 15 g scoop) of Tonistry PxTM with 500 mL of fresh water to make a 3% liquid Tonistry PxTM solution. For best results, add Tonistry PxTM powder to the water and stir until dissolved. From Day 2-8 of life, give 500 mL of Tonistry PxTM 3% solution per litter per day (or 40 mL/piglet day)
- **WEANING TRANSITION:** For 3 days pre-weaning give 500 mL of solution/litter/day or 40mL/piglet/day on top of creep feed. For 3 days post-weaning give up to 100 mL solution/piglet/day on top of creep feed.
- **PED PROGRAM:** Give 100-150 mL solution per piglet per day for at least 5 days along with fresh, clean water Treatment may continue as long as clinical signs persist.





Monteban®

Monteban® is an ionophore that protects Intestinal Integrity by effectively controlling coccidia and bacterial enteritis while maintaining feed intake, improving weight gain, and achieving optimal performance.¹

Key features

Keeps Working During Heat Stress — Remains effective during months of heat stress, while the efficacy of competing products tends to decrease.²

Cocci Control Through Grow-Out — Extending Monteban use into the Finisher feed keeps coccidia under control through the entire grow-out.

Inclusion Rate: For the prevention of coccidiosis, feed Monteban at: 54–90 g/ton.



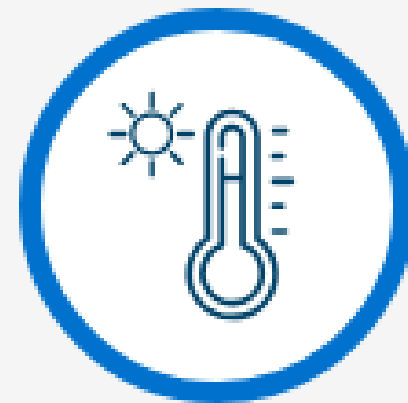


Monteban®



Extended-Use Option

Extend Monteban use into the Finisher feed to keep coccidia under control through the entire grow-out.



Works in the Heat

Monteban keeps birds eating even during months of heat stress when the efficacy of competitors' products tends to decrease.¹



Animal-Use-Only

Monteban helps control coccidiosis and can be combined with Inteprity,[®] which helps control necrotic enteritis, all while fitting within animal-use-only antibiotic policies to meet consumer demands.



Expert Advice and Collaboration

As an Elanco customer, you'll receive consultative support from a team of experts with extensive industry experience and knowledge who help tailor solutions to meet your bird health and business goals.





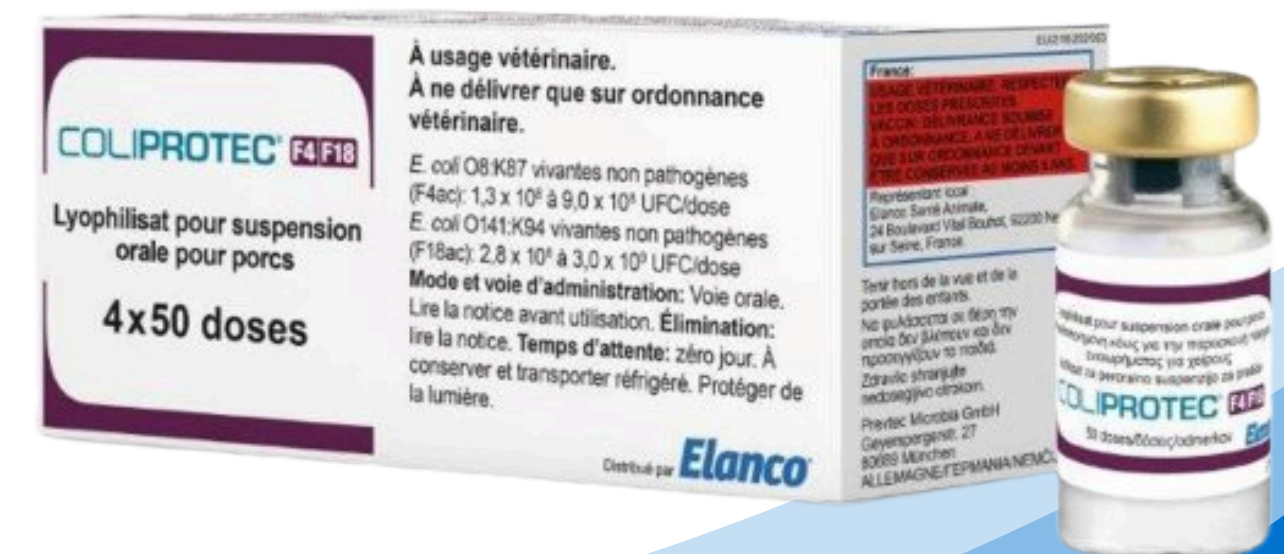
Monteban®

- **COMPOSITION:** Each kg contains 833.3 g (100 g) Narasin granulated, 151.7 g approved diluent, 15 g anti-dusting oil
- **INDICATION:** For the control of subclinical coccidiosis in broiler chickens reared on slats under Philippine management conditions.
- **DOSAGE: Broilers:** Feed for 3-5 days or as recommended by a veterinarian. Thoroughly mix 400-600 g Monteban™ 100 Prernix in one metric ton to provide 40-60 g narasin activity per metric ton of complete feed. Thorough mixing of the Monteban™ 100 Premix with a small quantity of the finished feed (20-50 kg) before incorporation into the bulk of the finished feed is recommended



Coliprotec F4/F18 is an oral vaccine used for active immunization of pigs from 18 days of age against enterotoxigenic F4-positive and F18-positive Escherichia coli in order to reduce the incidence of moderate to severe post-weaning diarrhoea infected pigs and reduce the faecal shedding of enterotoxigenic F4-positive and F18-positive E. coli from infected pigs.

VACCINES



- **COMPOSITION:** Live non-pathogenic Escherichia coli O8:K87* (F4ac): 1.3×10^9 CFU**, Live non-pathogenic Escherichia coli O141:K94" (F18ac): 2.8×10^9 CFU** "not attenuated "CFU-colony forming units
- **INDICATION:** For active immunization of pigs from 18 days of age against enterotoxigenic F4-positive and F18-positive Escherichia coli in order to reduce the incidence of moderate to severe post-weaning E. coli diarrhea (PWD) in infected pigs; reduce the fecal shedding of enterotoxigenic F4-positive and F18-positive E. coli from infected pigs.
- **ONSET OF IMMUNITY:** 7 days after vaccination
- **DURATION OF IMMUNITY:** 21 days after vaccination
- **DOSAGE:** Oral use
- **VACCINATION SCHEDULE:** Administer a single dose orally from 18 days of age.

All materials used in preparing and administering the vaccine must be free of antimicrobials, detergent or disinfectant residues to prevent inactivation. The reconstituted vaccine is a transparent to opaque white-yellowish suspension depending on the volume of water used for dilution.

- **PRECAUTION:** It is not recommended to vaccinate animals undergoing immunosuppressive treatment or to vaccinate animals undergoing antibacterial treatment effective against *E. coli*.

The final suspension containing the vaccine should be consumed within 4 hours after preparation. In case of concerns about the presence of disinfectant residues in the drinking water, such as chlorine, it is recommended to add skimmed milk powder as a stabilizer into the drinking water prior to adding the vaccine. The final concentration of the skimmed milk powder should be 5 g/liter.



BIOPROTECTION

Multipurpose Disinfection





Virkon S™

A powerful, broad-spectrum and multipurpose virucidal disinfectant that is flexible and safe to use.

- **Composition:** A balanced, stabilized blend of peroxygen, surfactant, organic acids and an inorganic buffer system.
- **Features and benefit:** it can be used on surface, water and aerial disinfection even in the presence of livestock at the right dilution rate.
- **Application:** Equipment disinfection, Terminal Water System Disinfection, Foot & Wheel Dip (1kg: 100 L);
Misting/Aerial Disinfection with or without animals (1kg: 200L);
Drinking Water Disinfection (1kg: 1000 L)

BIOPROTECTION





Virkon S™

a broad-spectrum, multipurpose virucidal disinfectant designed for high-level biosecurity in animal production, including swine, poultry, and dairy. It effectively kills 99.9999% of over 500 strains of viruses, bacteria, and fungi, including Foot and Mouth Disease (FMD) and African Swine Fever

- **Rapid Action:** Works quickly to neutralize pathogens, making it ideal for routine disinfection and disease outbreaks.
- **Versatile Application:** Can be used on surfaces, equipment, water systems (terminal cleaning), and in aerial fogging.
- **Safety:** Non-tainting, with minimal environmental residue issues, and safe for use around animals.
- **No Resistance:** The unique, balanced, and stabilized blend of peroxygen compounds means there is no need to rotate disinfectants to prevent resistance buildup.
- **Trusted Protection:** Used by governments worldwide for emergency disease control.



Usage and Application

- General Cleaning & Disinfection: 1:100 to 1:200 dilution (0.5%-1%).
- Water System Sanitization: 1:100 (0.25%) for terminal cleaning, 1:1000 for continuous disinfection.
- Aerial Disinfection: 1:200 dilution (0.5%) at 1L/100 m³ of air space.
- Stability: Mixed solutions remain stable and effective for up to 7 days.





Virkon S™

- **COMPOSITION:** A balanced, stabilized blend of peroxygen, surfactant, organic acids and an inorganic buffer system
- **FEATURES AND BENEFITS:** It can be used on surface, water and aerial disinfection even in the presence of livestock at the right dilution rate.
- **APPLICATION:** Equipment Disinfection, Terminal Water System Disinfection, Foot & Wheel Dip (1 kg:100 L) Misting/Aerial Disinfection with or without animals (1 kg:200 L) Drinking Water Disinfection (1 kg: 1000 L) See label for application rate and comprehensive disinfection program is available upon request





Virkon LSP™

a high-performance, liquid synthetic phenolic disinfectant designed for comprehensive farm biosecurity. It is effective against major poultry and swine pathogens, including HPAI, ASF, and FMD, with efficacy in cold temperatures. It is suitable for surface and equipment disinfection, typically diluted at 1:200 to 1:400.

Key Aspects

- Applications: Used for cleaning and disinfecting poultry houses, swine farms, and equipment (surface and spray application).
- Efficacy: Proven effective against African Swine Fever (ASF), Avian Influenza (HPAI), Newcastle Disease, and Salmonella.
- Performance: Works well at low temperatures and remains effective under high organic challenges.
- Dilution Rate: Recommended dilution for routine disinfection is typically 1:200 to 1:400.





Virkon LSP™

- **Composition** A synergistic blend of synthetic phenolics specifically designed to provide flexibility and broad-spectrum activity with efficacy against viruses, bacteria and fungi in a wide range of temperatures, in hard water and in the presence of organic challenge.
- **features and benefits:** It provides a highly convenient multipurpose biosecurity solution for a wide-range of disinfectant applications including surfaces, equipment, footdips and wheel dips.
- **Application:** Surface Disinfection: 1:400- 1:200 (25-50 mL of Virkon LSP concentrate per 10 liters of water);
Equipment Disinfection: 1:200 (50 mL of Virkon LSP concentrate per 10 liters of water);
Footwear and Vehicle Wheels: 1:200 (50 mL of Virkon LSP concentrate per 10 liters of water).





Agita® 10 WG

Agita® 10 WG is a fast-acting fly control product effective against adult house flies (*Musca domestica*) in animal housing including dairies, cattle feedlots, abattoirs, piggeries, poultry facilities, horse stables, and kennels.

Key Product Benefits:

- Combines an insecticide with fly-attracting sexual pheromone
- Effective contact and stomach mode of action
- Kills both male and female house flies
- **Composition:** Thiamethoxam 10% w/w, z-9 tricosene 0.05% w/w, inert ingredients qs ad 100.0% w/w
- **Application:** For detailed and comprehensive directions for use, see label for application.

Net Weight: 400GRAMS

INSECTICIDE





Agita[®] 10 WG



No Withholding Period

Agita 10 WG has a zero-day withholding period.



Reduce Disease Transmission¹

Agita 10 WG helps protect the animals on your farm from costly fly-borne infection and disease.



Versatile Application

Agita is approved for application via the use of spot-spraying or paint-on techniques.



Broad Coverage

400 g of Agita 10 WG in 3.75 L lukewarm water treats a building with approximately 50 ml/ 1 m² floor area.





EXCEDE® STERILE SUSPENSION

EXCEDE® Sterile Suspension is indicated for treatment of bovine respiratory disease (BRD, shipping fever, pneumonia) associated with *Mannheimia haemolytica*; *Pasteurella multocida*; *Histophilus somni*; and foot rot in beef, nonlactating dairy and lactating dairy cattle. EXCEDE is also indicated for treatment of acute metritis (zero to 10 days postpartum) associated with bacterial organisms susceptible to ceftiofur in lactating dairy cattle associated with *Fusobacterium necrophorum* and *Porphyromonas levii*. EXCEDE also controls respiratory disease in beef and nonlactating dairy cattle which are at high risk of developing BRD associated with *M. haemolytica*, *P. multocida* and *H. somni*.



Pack size

100-mL vial

ANTIBIOTICS



EXCEDE® STERILE SUSPENSION

- composition :



Pack size

100-mL vial



Fostera® PRRS

Porcine reproductive & respiratory syndrome vaccine

Fostera PRRS is labeled to minimize the impacts of both reproductive and respiratory diseases, helping protect both the breeding herd and growing pigs.¹

Indications

This product has been shown to be effective for the vaccination of healthy swine one day of age or older in porcine reproductive and respiratory syndrome (PRRS) virus-positive herds against reproductive disease caused by PRRS virus.¹

- A duration of immunity of at least 26 weeks has been demonstrated against respiratory disease.²
- A duration of immunity of at least 19 weeks has been demonstrated against reproductive disease in swine vaccinated pre-breeding.³



Available As
Modified-live vaccine

Pack Sizes

50-dose vial
250-dose vial

VACCINE



Poulvac® E. coli

Escherichia coli (E. coli) modified-live vaccine

Poulvac® E. coli is recommended for mass administration to healthy chickens 1 day of age or older or turkeys 3 days of age or older against disease caused by Escherichia coli. It's the only modified-live E. coli vaccine available that's demonstrated to be safe for birds in helping protect U.S. poultry operations against this costly threat.¹

The product has demonstrated to help improve bird health in all major segments of commercial poultry production:



For use with
Poultry

Strengths

10 x 5,000 doses

10 x 20,000 doses



Poulvac® E. coli

Escherichia coli (E. coli) modified-live vaccine

- **COMPOSITION** : Per dose: Escherichia coli (serotype 078, EC#4195 strain) $\geq 1.7 \times 10^7$ CFU
- **INDICATION**: Prevention of disease caused by Escherichia coli
- **DOSAGE**: Recommended for chickens at one day of age or older and a second dose for *long-lived birds at 12-14 weeks of age*, via spray or drinking water
- **PRESENTATION**: Freeze dried powder for susp 2000 doses



For use with
Poultry

Strengths

10 x 5,000 doses

10 x 20,000 doses



NEWCASTLE LASOTA

- **COMPOSITION** :Per dose: Live Newcastle Disease Virus - B1 Type, LaSota Strain ≥ 106.0 EIDSO
- **INDICATION**:Vaccination of healthy chickens as an aid in the prevention of Newcastle disease
- **DOSAGE: Intranasal or ocular administration**: Intranasal - place finger over one of the bird's nostrils and instill 1 drop into the other. Do not release the bird until the drop has been inhaled. Eye drop-instill one drop into the open eye.**Drinking water administraton**: Vaccinate 1 dose/bird in drinking water with 1,000 doses - 2.5-5 gal (chickens 2-8 wks); 5-10 gal (chickens >8 wks).**Spray administration**: Use 100 mL of diluents for 1,000 doses. Spray 1 dose/bird.
- **PRESENTATION**:Freeze dried powder for susp 1000 doses



NEWCASTLE LASOTA +BRON MASS

- **COMPOSITION:** Per dose: Newcastle disease virus, B1 type (LaSota strain) $\geq 10^6$ EID so, infectious bronchitis virus, serotype Massachusetts (#1263 strain) 2103.8 EID 50
- **INDICATION:** Vaccination of healthy chickens as an aid in the prevention of Newcastle disease and infectious bronchitis disease
- **DOSAGE: Intranasal or ocular administration:** Intranasal - place finger over one of the bird's nostrils and instill 1 drop into the other. Do not release the bird until the drop has been inhaled. Eye drop - instill one drop into the open eye. **Drinking water administration:** Vaccinate 1 dose/bird in drinking water with 1,000 doses - 2.5-5 gal (chickens 2-8 wks); 5-10 gal (chickens >8 wks). **Spray administration:** Use 100 mL of diluents for 1,000 doses. Spray 1 dose/bird.
- **PRESENTATION:** Freeze dried powder for susp 1000 doses



POULVAC NDW

- **COMPOSITION:** Per dose: Newcastle disease virus (Ulster strain) 21062 EID
- **INDICATION:** For vaccination of 1-day-old broiler chickens and older against Newcastle disease
- **DOSAGE:**
Spray administration in the hatchery/shed: Use 200 mL of diluents for 1,000 doses. Spray the birds from a distance of 50 cm from their heads.
Drinking water administration: Administer 1 dose/bird in drinking water that has been stabilized with skim milk powder. Transfer the resuspended vaccine to another clean container of water to which has been added 2 g/L of skim milk powder and mix well. Vol of water to be used depends on the age of birds, 1-4 wks of age-7-10 L, 4-8 wks of age - 20 L; >8 wks of age-40 L.
Intranasal or eye drop administration: May be used in birds of any age. Administer to each bird, 1 drop at a time. Intranasal place a finger over one of the bird's nostrils and instill one drop into the other. Do not release the bird until the drop has been inhaled. Eye drop hold the bird in such a way that one eye is upwards and instill 1 drop into the open eye
- **PRESENTATION:** Freeze dried powder for susp 2000 doses



NEWCASTLE B1+ BRON MASS

- **COMPOSITION:** Per dose Newcatsle disease virus, B1 Type (B1 strain) $\geq 10^6$ EIDs, infectious bronchitis virus, serotype Massachusetts (#1263 strain) $\geq 10^{3.8}$ EID
- **INDICATION:** Vaccination of healthy chickens as an aid in the prevention of Newcastle disease and infectious bronchitis disease
- **DOSAGE:** **Intranasal or ocular administration:** Intranasal place finger over one of the bird's nostrils and instill 1 drop into the other. Do not release the bird until the drop has been inhaled. Eye drop-instill one drop into the open eye. **Drinking water administration:** Vaccinate 1 dose/bird in drinking water with 1,000 doses - 2.5-5 gal (chickens 2-8 wks); 5-10 gal (chickens >8 wks). **Spray administration:** Use 100 mL of diluents for 1,000 doses. Spray 1 dose/bird.
- **PRESENTATION:** Freeze dried powder for susp 1000 doses



POULVAC PROCERTA HVT ND

- **COMPOSITION:** Per dose: Marek's disease virus (HVT strain, serotype 3) 23,777 PFU, Newcastle disease virus (F gene, lentogenic strain) 23,739 PFU
- **INDICATION:** Vaccination of healthy one-day-old chickens and 18-to 19-day-old embryonated chicken eggs against Marek's and Newcastle diseases
- **DOSAGE:SC administration:** Vaccinate healthy one-day-old chicks only. Use automatic syringe with 22- to 20-gauge needles, 3/8- to 2-inch long. Inject each chick SC with 0.2 mL of the reconstituted vaccine. **In-ovo vaccination equipment:** Vaccinate 18-to 19-day old healthy embryonated eggs only. Equipped with an automatic inj system utilizing a 20-gauge needle and deposit the vaccine about 1 inch deep into the egg. Inject each egg in-ovo with 0.05 mL of the vaccine soln.
- **PRESENTATION:** Susp for in-ovo/SC inj 2000 doses, 4000 doses



CHICK N-K

- **COMPOSITION:** Per 0.1 mL: Inactivated Newcastle disease virus (B1 type, LaSota strain) 21:32 HI LITTER
- **INDICATION:** Vaccination of healthy chickens 1-4 days of age as an aid in the prevention of Newcastle disease.
- **DOSAGE: SC administration:** Inject 0.1 mL SC at the back of the neck halfway between the head and the base of the neck.
- **PRESENTATION:** Emulsion for SC inj x 500 mL



POULVAC IN LASOTA

- **COMPOSITION:** Inactivated (killed) vaccine for Newcastle disease (LaSota Strain)
- **INDICATION:** Vaccination of healthy chickens against Newcastle disease, as booster shot from live vaccines.
- **DOSAGE: SC administration:** Inject 0.5 mL IM or SC among pullets as early as 3 wks of age.
- **PRESENTATION:** Emulsion for Injection 500mL



POULVAC MAGNIPLEX

- **COMPOSITION:** Per dose: Infectious bursal disease virus (V877 strain) 2102 EID. bursal disease antibody 220 IU
- **INDICATION:** Immunization of healthy birds in the prevention of infectious bursal disease.
- **DOSAGE:** **SC administration:** **In-ovo administration:** 0.05 mL dose per embryonated egg of 18-19 days of incubation. SC administration in birds with 1 day of age 0.2 mL dose per bird.
- **PRESENTATION:** Lyophilized powder for in-ovo/SC inj 2000 doses



POULVAC BURSAPLEX

- **COMPOSITION:**Per dose: Infectious bursal disease virus (2512Per dose: Infectious bursal disease virus (2512 strain) >10 EID
- **INDICATION:**Prevention of infectious bursal disease virus infection given at 18 day-old embryos or apparently healthy day-old chicks
- **DOSAGE:****In-ovo administration:** 0.05 ml dose per embryonated egg of 18-19 days of incubation. SC administration in birds with 1 day of age 0.2 mL dose per bird.
- **PRESENTATION:**Susp for SC/In-ovo inj 2000 doses



POULVAC BURSINE 2

- **COMPOSITION:**Per dose: Infectious bursal disease virus (Lukert strain) 210 TCID
- **INDICATION:**Prevent infectious bursal disease in chickens given at first wk of age
- **DOSAGE:**Administer 1 dase/bird in drinking water that has been stabilized with skim milk powder. The volume of water to be used will depend on the age of the birds and the temp at the time of vaccination: 7-10 L/1,000 birds for 1-4 wks of age, 20 L/1,000 birds for 4-8 wks of age, 40 L/1000 birds for 8 wks of age Broilers with low maternal immunity: vaccinate at 1 day of age and again between 7 and 14 days. Revaccinate between 14 and 21 days.
 - Broilers with high maternal immunity** derived from vaccinated breeders: vaccinate between 7 and 14 days of age. Revaccinate between 14 and 21 days. ---
 - Layers:** Vaccinate between 7 and 14 days of age and again between 14 and 21 days. Revaccinate between 21 and 28 days.
 - Breeders:** Vaccinate between 7 and 14 days of age and again between 14 and 21 days and 21 and 28 days. Revaccinate between 8 and 10 wks of age. Revaccinate with an inactivated vaccine at 18-22 wks of age
- **PRESENTATION:**Freeze dried powder for oral susp 2000 doses



POULVAC BURSA F

- **COMPOSITION:**Per dose: Infectious bursal disease virus V877strain 2102 EID
- **INDICATION:**For vaccination of broiler chickens against bursal disease virus.
- **DOSAGE:Drinking water administration:** Administer in birds more than 14 days of age 1 dose/hen in drinking water that has been stabilized with skim milk powder. Presentation Measure required vol of water in a clean container add 2-2.5 g/L of skim milk powder and mix well, if necessary add blue dye. Vol of water to be used depends on the age and weather conditions, (1,000 doses) 1-4 of wks of age-7-10 L: 4-8 wks of age -20 L: >8 wks of age 40 L: (2,000 doses) 1-4 of wks of age-14-20 L; 4-8 wks of age - 40 L; >8 wks of age 80 L. (5.000 doses) 1-4 of wks of age-35-50 L: 4-8 wks of age - 100 L: >8 wks of age 200 L.
- **PRESENTATION**Freeze dried powder for oral susp 2000 doses.



POULVAC BURSINE 3

- **COMPOSITION:** Live modified virus vaccine against infectious bursal disease, intermediate: Lukert (low passage) strain
- **INDICATION:** Prevent infectious bursal disease in chickens to cover variant IBD challenge
- **DOSAGE:**
Broilers with low maternal immunity: Vaccinate with an intermediate strain vaccine at 1 day of age and again between 7 and 14 days. Revaccinate with Poulvac Bursine 3 vaccine between 14 and 21 days.
Broilers with high maternal immunity derived from vaccinated breeders: Vaccinate with an intermediate strain vaccine between 7 and 14 days of age. Revaccinate with Poulvac Bursine 3 vaccine between 14 and 21 days.
Layers: Vaccinate with an intermediate strain vaccine between 7 and 14 days of age and again between 14 and 21 days. Revaccinate with Poulvac Bursine 3 between 21 and 28 days.
Breeders: Vaccinate with an intermediate strain vaccine between 7 and 14 days of age and again between 14 and 21 days and 21 and 28 days. Revaccinate with Poulvac Bursine 3 between 8 and 10 wks of age. Revaccinate with an inactivated vaccine at 18-22 wks of age.
Drinking water administration: Administer 1 dose/bird in drinking water that has been stabilized with skim milk powder. Transfer the resuspended vaccine to another clean container of water to which has been added 2 g/L of skim milk powder and mix well. Vol of water to be used: 1-4 wks of age-7-10 L; 4-8 wks of age-20 L; >8 wks of age - 40 L.
- **PRESENTATION:** Freeze dried powder for oral susp 2000 doses.



POULVAC IB QX

- **COMPOSITION:**Per dose: Avian Infectious Bronchitis (IB) Virus (L1148 Strain) 10³-10⁶ EID
- **INDICATION:**For active Immunisation of chickens in order to reduce respiratory signs of Infectious Bronchitis caused by QX-like variants of Infectious Bronchitis virus.
- **DOSAGE:Broilers:** one dose of vaccine from 1 day of age by spray vaccination. Future layers or breeders: one dose of vaccine from 7 days of age by spray vaccination. The vaccine may be administered as early as 1 day of age to future layers or breeders with MDAs against IBV
- **PRESENTATION:**Freeze dried powder for oral susp 2000 doses.



PRO VAC 4

- **COMPOSITION:**Per 0.5 mL: Infectious bursal disease virus (Lukert strain) 21052 TCID₅₀ Newcastle disease virus (Kimber strain) 21077 EID so infectious bronchitis virus (M-41 strain), reovirus (1733 strain) 21062 TCID reovirus (2408 strain) ≥1062 TCID
- **INDICATION:**For revaccination of healthy chickens as an aid in the prevention of the signs and lesions associated with infectious bursal disease, Newcastle disease, Infectious bronchitis and avian reovirus infections which cause malabsorption syndrome.
- **DOSAGE:**Inject 0.5 mL by IM/SC route. In primed birds, a single dose between 16 and 22 wks is indicated. For best protection, it is essential to prime the birds at least once with live virus vaccine of Newcastle disease, infectious bronchitis, infectious bursal disease and tenosynovitis.
- **PRESENTATION:**Susp for IM/SC inj x 500 mL



TRI-REO

- **COMPOSITION:**Per 0.5 mL: Reovirus (1133 strain 2105 TCID 2408 strain 210 TCID50 3005 strain 210 TCID
- **INDICATION:**Prevention of signs and lesions associated with avian reovirus infections which cause malabsorption syndrome
- **DOSAGE:**0.5 mL IM/SC in the lower neck region. For healthy birds 10 wks of age.
- **PRESENTATION:**Susp for IM/SC inj x 500 mL



V.A. CHICKVAC

- **COMPOSITION:**Per 0.2 mL: Tenosynovitis virus (1133 strain) 2109 TCID
- **INDICATION:**Aids in the prevention of tenosynovitis (viral arthritis)
- **DOSAGE:**Healthy chickens 1 to 10 days of age. Inject each bird by SC at the back of the neck with 0.2 mL of the vaccine.
- **PRESENTATION:**Freeze dried powder for SC inj 1000 doses



VAXSAFE MG

- **COMPOSITION:** Live Mycoplasma gallisepticum TS 11 strain (temperature sensitive)
- **INDICATION:** Prevention of Mycoplasma gallisepticum infection in healthy breeder and layer pullets from 3 wks of age.
- **DOSAGE:** Administer by eye drop for maximum protection.
- **PRESENTATION:** Intraocular solution 30mL



VAXSAFE MS

- **COMPOSITION:** Live Mycoplasma synoviae strain MS-H (temperature sensitive)
- **INDICATION:** Prevention of Mycoplasma gallisepticum infection in healthy breeder and layer pullets from 3 wks of age.
- **DOSAGE:** Administer by eye drop for maximum protection.
- **PRESENTATION:** Intraocular solution 30mL



POULVAC MG

- **COMPOSITION:**Per 0.5 mL: Mycoplasma gallisepticum (R-980 strain) 25% concentrated antigen
- **INDICATION:**For SC or IM vaccination of healthy chickens and turkeys as an aid in the prevention of clinical signs associated with Mycoplasma gallisepticum infection
- **DOSAGE:Birds:** 1 to 10 wks - 0.5 mL SC in the lower neck region; ≥ 10 wks - 0.5 mL IM or SC. For optimum results, vaccinate twice, allowing at least 4 wks between vaccinations. Revaccinate birds during molt before the 2nd laying period. Warm to 22°C and shake well before use
- **PRESENTATION:**Emulsion for IM inj x 500 mL



POULVAC iC ABC-OIL

- **COMPOSITION:**Per 0.5 mL: Avibacterium paragallinarum (Modesto strain) 210 EID Avibacterium paragallinarum (Spross strain) 21087 EID Avibacterium paragallinarum (221 strain) 21087 EID
- **INDICATION:**Vaccination of healthy chickens against infectious coryza caused by Haemophilus paragallinarum types A, B and C.
- **DOSAGE:Birds:** 1 to 10 wks-0.5 mL SC in the lower neck region; 210 wks - 0.5 mL IM or SC. For optimum results, vaccinate twice, allowing at least 4 wks between vaccinations. Revaccinate birds during molt before the 2nd laying period. Warm to 22°C and shake well before use.
- **PRESENTATION:**Emulsion for IM inj x 500 mL



CORYZA GEL-3

- **COMPOSITION:**An aluminum hydroxide gel containing bacterins from Individual cultures of Modesto, 221 and Spross strains of *Avibacterium paragallinarum* inactivated with thiomersal
- **INDICATION:**Vaccination of healthy chickens against infectious coryza caused by *Avibacterium paragallinarum* types A, B and C.
- **DOSAGE:** Inject 0.5 mL IM. Use in chickens of 5 wks of age or older.
- **PRESENTATION:**Vaccine 1000 doses (500 mL)



POULVAC iMIX 6

- **COMPOSITION:**Inactivated (killed) vaccine for Newcastle disease (LaSota), infectious bronchitis (M41), egg drop syndrome (V-127) and infectious coryza
- **INDICATION:**Vaccination of healthy chickens against Newcastle disease, infectious bronchitis, egg drop syndrome and infectious coryza (types A, B and C)
- **DOSAGE:**Use in chickens between 15 and 22 wks of age. For optimal protection against Infectious bronchitis, birds should previously have been primed by the use of live infectious bronchitis and Newcastle disease vaccines. Warm slowly to room temp and shake well before using. Inject 0.5 mL IM.
- **PRESENTATION:**Emulsion for Injection 500ml



AE-POXINE

- **COMPOSITION:**AE-Calnek strain + Fowl pox strain
- **INDICATION:**For vaccination against fowl pax and AE in healthy chickens 26 wks of age and in healthy turkeys 8 wks of age or older.
- **DOSAGE:**Hold individual bird and spread wing with the underside facing upwards. Dip the vaccinator tool into the vaccine, wetting both needles (approx 0.1ml at 0.05ml per needle). Stick needles through the web of the wing. avoiding blood vessels, bones, and the wing muscle. The vaccine should not touch feathers, the head of the birds or the skin except at the site of vaccination.
- **PRESENTATION:**Freeze dried powder for injection (Wing web) 1000 doses



POXINE

- **COMPOSITION:**Fowl pox vaccine, live virus
- **INDICATION:**For vaccination against fowl pox in healthy chickens 26 wks of age and in healthy turkeys 8 wks of age or older.
- **DOSAGE:**Hold individual bird and spread wing with the underside facing upwards. Dip the vaccinator tool into the vaccine, wetting both needles. Stick needles through the web of the wing, avoiding blood vessels, bones, and the wing muscle. The vaccine should not touch feathers, the head of the birds or the skin except at the site of vaccination.
- **PRESENTATION:**Freeze dried powder for injection (Wing web) 1000 doses



POULVAC EC

- **COMPOSITION:**Per dose: Escherichia coli (serotype 078, EC#4195 strain) 21.7 10 CFU
- **INDICATION:**Prevention of disease caused by Escherichia coli.
- **DOSAGE:**Recommended for chickens at one day of age or older and a second dose for long-lived birds at 12-14 wks of age, via spray or drinking water
- **PRESENTATION:**Freeze dried powder for susp 2000 doses



POULVAC OVOLINE CVI+HTV

- **COMPOSITION:**Per dose: Turkey herpes virus, serotype (FC 126 strain) 21,500 PFU. chicken herpes virus, serotype 1 (Rispens CVI-988 strain) 21,500 PFU
- **INDICATION:**Vaccination of 1-day-old hens in the hatchery. Vaccination of embryos between 18 and 19 days of Incubation (in-ovo).
- **DOSAGE:**For SC administration: 0.2 mL dose in the dorsal region of the neck, through semi-automatic vaccination machines For in-ovo administration: 0.05 mL dose per embryo.
- **PRESENTATION:**Susp for in-ovo/SC inj 2 mL



POULVAC TRT

- **COMPOSITION:** Live vaccine against turkey rhinotracheitis (TRT) virus (Subtype A, K strain of Turkey origin) and respiratory disease associated with avian metapneumovirus of chickens
- **INDICATION:** For mass administration to healthy chickens 21 day age by oculonasal or spray as an aid in the prevention of disease caused by turkey rhinotracheitis (TRT) virus in turkeys and respiratory syndromes associated with avian metapneumovirus (APV) infections in chickens
- **DOSAGE:** Administer 1 dose per bird, by coarse spray vaccination or by oculonasal route.
- **PRESENTATION:** Freeze dried powder for suspension 1000 doses



ARADICATOR

- **PRODUCT DESCRIPTION:** Killed atrophic rhinitis bacterin-toxoid AR
- **USAGE:** Vaccination of Gilts & Pregnant Sows against
- **ADMINISTRATION:** 2 mL intramuscular, Priming: 6 and 3 weeks before farrow; Booster: 3 weeks pre-farrow
- **UNIQUE FEATURE BENEFITS:** 1. Bacterin-toxoid combination 2. AMAP Process - significantly reduces systemic shock and injection site reaction from endotoxins 3. Sow vaccination, piglet utilization



FURROWSURE GOLD B

- **PRODUCT DESCRIPTION:** Parvo-Lepto-Erysipelas killed vaccine
- **USAGE:** Vaccination of Gilts & Sows pre-breeding against PLE
- **ADMINISTRATION:** 2 mL, intramuscular, Primary vaccination: 1st dose -4 weeks before 2nd dose, 2nd dose-2 weeks before breeding: Revaccination: 2 weeks before breeding
- **UNIQUE FEATURE BENEFITS:** Cell-free erysipelas fraction (for better safety) and dual adjuvants (Amphigen and Aluminum hydroxide for more robust immunity).



FLUSURE

- **PRODUCT DESCRIPTION:** Swine Flu killed vaccine
- **USAGE:** Piglet and breeder vaccination against H1N1 and H3N2 variants of Swine Flu
- **ADMINISTRATION:** 2 mL, intramuscular; Piglets: 1st shot 8-10 wks of age, booster shot - 3 weeks after 1st shot; Sows & Gilts: primary shot: 6 weeks pre-farrow, 2nd shot-3 weeks pre-farrow; Subsequent Booster: 3 weeks pre-farrow; Boars: semiannual
- **UNIQUE FEATURE BENEFITS:** Safe to administer in pregnant sows



FOSTERA GOLD PCV

- **PRODUCT DESCRIPTION:** Bivalent killed vaccine: PCV2a and PCV2b killed vaccine
- **USAGE:** Piglet and breeder vaccination against PCV2
- **ADMINISTRATION:** 2 mL, IM 3 weeks of age or older as single dose or 1 mL at 3 and 6 weeks of age as split dose
- **UNIQUE FEATURE BENEFITS:** 1. The only vaccine with PCV and PCV2b for broadest PCV2 coverage 2. Longest DOI-23 weeks for protection until market 3. Sale and gentle MetaStim adjuvant for stronger immunity



FOSTERA GOLD PCV-MH

- **PRODUCT DESCRIPTION:** Trivalent vaccine: PCV2a, PCV2b and Mycoplasma hyopneumoniae
- **USAGE:** Piglet and breeder vaccination against PCV2 and Mycoplasma hyopneumoniae
- **ADMINISTRATION:** 2 mL, IM 3 weeks of age or older as single dose or 1 mL at 3 and 6 weeks of age as split dose
- **UNIQUE FEATURE BENEFITS:** 1. The only vaccine with PCV2a and PCV2b for broadest PCV2 coverage 2. Longest 0-23 weeks for protection until market 3. Safe and gentle MetaStim adjuvant for stronger immunity



FOSTERA PRRS

- **PRODUCT DESCRIPTION:** Modified live PRRS vaccine
- **USAGE:** Piglet and breeder vaccination against PRRS
- **ADMINISTRATION:** Piglets: 2 ml. IM 1 day of age or older, Gilts: 6 weeks before breeding: Sows: 3 weeks lactation or as directed by a veterinarian
- **UNIQUE FEATURE BENEFITS:** 1. Longest DO1-25 weeks for respiratory and 19 weeks for reproductive protection 2. Proven safe as early as Day 1 of age 3. P129 North American PRRS-more updated strain



IMPROVAC

- **PRODUCT DESCRIPTION:** Vaccine made from analogue of natural gonadotropin-releasing factor (GnRF)
 - **USAGE:** For temporary suppression of testicular or ovarian function in intact male and female pigs intended for slaughter
 - **ADMINISTRATION:** 2 ml, subcutaneous using a safety injector, 2nd dose-4 to 6 weeks before market, 1st dose - 4 weeks before 2nd dose
- UNIQUE FEATURE**
- BENEFITS:** 1. The only vaccine approved for IMMUNOCASTRATION 2. Increases weight gain and better feed efficiency naturally



LITTERGUARD

- **PRODUCT DESCRIPTION:** Clostridium perfringens Type C and Escherichia coli bacterin toxoid
- **USAGE:** Pregnant Gilt & Sow vaccination for passive protection in neonatal pigs against E. coli and Clostridium perfringens
- **ADMINISTRATION:** Gilts: 2 mL IM at 6 and 2 weeks before farrow; Sows: 2 mL IM at 2 weeks before farrow



PEST-VAC

- **PRODUCT DESCRIPTION:** Modified live Hog Cholera vaccine
- **USAGE:** Piglet and breeder vaccination against Hog Cholera
- **ADMINISTRATION:** Breeders: 2 mL IM, mass vaccination every 6 months;
Piglets: 2 shots, 2 mL IM at 5-6 weeks and 8-9 weeks of age
- **UNIQUE FEATURE BENEFITS:** Attenuated in porcine cell culture-adapted to grow in pigs for faster onset of immunity



PR VAC PLUS

- **PRODUCT DESCRIPTION:** Modified live Pseudorabies vaccine
- **USAGE:** Piglet and breeder vaccination against Pseudorabies
- **ADMINISTRATION:** Breeders: 2 mL, IM, mass vaccination every 6 months;
Piglets: 2 shots, 2 mL IM at 8-9 weeks and 11-12 weeks of age



RESPISURE CLASSIC

- **PRODUCT DESCRIPTION:** Mycoplasma hyopneumoniae killed bacterin
- **USAGE:** Piglet and breeder vaccination against Mycoplasma hyopneumoniae
- **ADMINISTRATION:** Primiparous sow: 2 mL, 6 and 2 weeks before farrow, Multiparous sow: 2 weeks before farrow, Piglets: 2 ml IM, 7 and 21 days of age Boars: semi-annual
- **UNIQUE FEATURE BENEFITS:** 1. Trusted M. hyopneumoniae brand 2. DOE 5.5 months



RESPISURE ONE

- **PRODUCT DESCRIPTION:** Mycoplasma hyopneumoniae killed bacterin
- **USAGE:** Piglet vaccination against Mycoplasma hyopneumoniae
- **ADMINISTRATION:** 2 mL IM as early as Day 1 of age
- **UNIQUE FEATURE BENEFITS:** 1. Early onset of protection (as early as Day 21)
2. Long lasting immunity up to 25 weeks 3. One Shot vaccine



ADVOCIN

- **PRODUCT DESCRIPTION:** Danofloxacin mesylate, 25 mg/ml, Injectable
- **USAGE:** Diarrhea, pneumonia
- **ADMINISTRATION:** 1 ml per 20 kg bodyweight IM once daily for 3 consecutive days
- **UNIQUE FEATURE BENEFITS:** Antibiotic against pneumo-enteric bacterial infections



DRAXXIN

- **PRODUCT DESCRIPTION:** Tulathromycin, 100 mg/ml, injectable
- **USAGE:** Swine Pneumonia (M. hyopneumoniae, P. multocida, B. bronchiseptica, H. parasuis, A. pleuropneumoniae)
- **ADMINISTRATION:** 1 mL per 40 kg bodyweight IM, once
- **UNIQUE FEATURE BENEFITS:** 1. Compliance-One shot, full course treatment
2. Effective-5-15 days duration of efficacy against 5 bacterial causes of pneumonia ideal for PRDC treatment



EXCEDE

- **PRODUCT DESCRIPTION:** Ceftiofur crystalline free acid, 100 mg/mL
Injectable
- **USAGE:** Swine Pneumonia (P. multocida, A. pleuropneumoniae, H. parasuis, S. suis)
- **ADMINISTRATION:** 1 mL per 20 kg bodyweight IM, once
- **UNIQUE FEATURE BENEFITS:** 1. Compliance-One shot full course treatment 2. Effective-7 days duration of efficacy against 4 bacterial causes of pneumonia, Including S. suis



EXCENEL RTU EZ

- **PRODUCT DESCRIPTION:** Ceftiofur hydrochloride, 50 mg/mL injectable
- **USAGE:** Swine Pneumonia (P. multocida, A. pleuropneumoniae, S. cholerasuis, S. suis)
- **ADMINISTRATION:** 1 mL per 10 to 17 kg bodweight IM, once daily for 3 consecutive days
- **UNIQUE FEATURE BENEFITS:** 1. Short withdrawal period: 4 days ideal for treating finisher pigs 2. 40% more syringeable than Excenel RTU



TERRAMYCIN LA

- **PRODUCT DESCRIPTION:** Oxytetracycline, 200 mg/mL injectable
- **USAGE:** 1 mL per 10 kg bodyweight, once
- **ADMINISTRATION:** Soft tissue infections, Post-farrow program
- **UNIQUE FEATURE BENEFITS:** The original long-acting oxytetracycline



BIOCID

- **PRODUCT DESCRIPTION:** Formulated iodophore
- **USAGE:** Disinfectant
- **ADMINISTRATION:** 1:200 (terminal) to 1:500 (regular disinfection)
- **UNIQUE FEATURE BENEFITS:** 1. 99.99% (log 4) reduction in ASF virus at 1:200 dilution rate (OVI) 2. Formulated iodophore designed for farm use 3. Highest surfactant level ideal for foot bath and vehicle bath 4. Efficacy tested under internationally recognized protocols



GPCS

- **PRODUCT DESCRIPTION:** Formulated Glutaraldehyde + Quaternary Ammonium Compound
- **USAGE:** Disinfectant
- **ADMINISTRATION:** 1:200 dilution rate
- **UNIQUE FEATURE BENEFITS:** 1. 99.9% (log 3) reduction in ASF virus at 1:600-800 dilution rate 2. 99.99% (log 4) reduction in ASF virus at 1:50 dilution rate 3. Non-corrosive 4. Formulated disinfectant ideal for building and equipment disinfection 5. Efficacy tested using internationally-recognized protocols



SHIFT

- **PRODUCT DESCRIPTION:** Heavy Duty Detergent Cleaner
- **USAGE:** Heavy-duty Detergent Cleaner
- **ADMINISTRATION:** 1:100 dilution rate
- **UNIQUE FEATURE BENEFITS:** 1. Effective under hard water and heavy duty remover of organic matter 2. Can be applied as foam for more efficient dirt removal 3. Formulated with non-ionic and amphoteric surfactants to work best with disinfectants



DECTOMAX

- **PRODUCT DESCRIPTION:** Doramectin 10 mg/mL
- **USAGE:**Endectocide
- **ADMINISTRATION:**Swine: 1mL per 33 kg bodyweight IM or SC Cattle: 1mL per 50kg bodyweight IM or SC
- **UNIQUE FEATURE BENEFITS:** Both internal and external parasites in one injection. 18 days duration of action against 15 days life cycle of mange mites.



VALBAZEN

- **PRODUCT DESCRIPTION:** Albendazole 112.5 mg/ml
- **USAGE** VALBAZEN Suspension is a broad-spectrum anthelmintic effective in the removal and control of liver flukes, tapeworms, stomach worms (including fourth-stage inhibited larvae of *Ostertagia ostertagi*), intestinal worms and lungworms. Endectocide
- **ADMINISTRATION:** Administer via drench at 1mL/11.25 kg body weight; dose 3 times at 3 week intervals starting at rainy season; After 3rd dose repeat every 4-6 mos
- **UNIQUE FEATURE BENEFITS:** Oral broad-spectrum anthelmintic drench



LUTALYSE

- **PRODUCT DESCRIPTION:** Dinoprost as tromethamine, 5mg per mL
- **USAGE:** Luteolytic agent
- **ADMINISTRATION:** Swine: 2mL IM for: A. Induction of Parturition B. 24-48 hours post-farrow for aid in uterine involution; Cattle: 5mL IM
- **UNIQUE FEATURE BENEFITS:** Natural Hormone



LUTALYSE

- **PRODUCT DESCRIPTION:** Dinoprost as tromethamine, 5mg per mL
- **USAGE:** Luteolytic agent
- **ADMINISTRATION:** Swine: 2mL IM for: A. Induction of Parturition B. 24-48 hours post-farrow for aid in uterine involution; Cattle: 5mL IM
- **UNIQUE FEATURE BENEFITS:** Natural Hormone



HIPRA

SUISENG®

SUSPENSION FOR INJECTION (IM)

INDICATIONS:

Piglets: For the passive protection of neonatal piglets by means of the active immunisation of breeding sows and gilts to reduce mortality and clinical signs of neonatal enterotoxigenic *Escherichia coli*, which express F4ab (K88ab), F4ac (K88ac), F5 (K99) or F6 (987P) adhesins. For the passive immunisation of neonatal piglets against Necrotic Enteritis by means of the active immunisation of breeding sows and gilts to induce seroneutralizing antibodies against the β -toxin of *Clostridium perfringens* type C.

Sows and gilts: For active immunisation of breeding sows and gilts to induce seroneutralizing antibodies against α -toxin of *Clostridium novyi*. Antibodies have been detected 3 weeks after vaccination.



FORMULATION:

Composition per dose (2 ml):

F4ab fimbrial adhesin of *E. coli*

≥ 65% ER₆₀*

F4ac fimbrial adhesin of *E. coli*

≥ 78% ER₇₀

F5 fimbrial adhesin of *E. coli*

≥ 79% ER₅₀

F6 fimbrial adhesin of *E. coli*

≥ 80% ER₂₅

LT Enterotoxoid of *E. coli*

≥ 55% ER₇₀

Toxoid *Clostridium perfringens*, type C

≥ 35% ER₂₅

Toxoid *Clostridium novyi*, type B

≥ 50% ER₁₂₀

*% ER_x: Percentage of immunized rabbits with a x serological EIA response.

White-yellowish suspension for injection.

10/50DS

HIPRA

SUISENG®

SUSPENSION FOR INJECTION (IM)

- An innovative **subunit** and purified **toxoids vaccine**.
- Piglet protection against **neonatal diarrhoea** caused by *Escherichia coli* and *Clostridium perfringens* type C
- Neutralisation of the *Clostridium novyi* a-toxin, one of the causes of **sudden death in sows**.
- Associated diagnostic: **ENTEROCHECK** PCR of *E. coli* F4, F5, F6, LT toxin and β toxin of *Clostridium perfringens* type C.



FORMULATION:

Composition per dose (2 ml):

F4ab fimbrial adhesin of *E. coli*

≥ 65% ER₆₀*

F4ac fimbrial adhesin of *E. coli*

≥ 78% ER₇₀

F5 fimbrial adhesin of *E. coli*

≥ 79% ER₅₀

F6 fimbrial adhesin of *E. coli*

≥ 80% ER₂₅

LT Enterotoxoid of *E. coli*

≥ 55% ER₇₀

Toxoid *Clostridium perfringens*, type C

≥ 35% ER₂₅

Toxoid *Clostridium novyi*, type B

≥ 50% ER₁₂₀

*% ER_x: Percentage of immunized rabbits with a x serological EIA response.

White-yellowish suspension for injection.

10/50DS

HIPRA

HIPRAVIAR® SHS

FREEZE-DRIED TABLET FOR SUSPENSION (OCULAR-NASAL/ORAL/SPRAY)

The isolation of turkey rhinotracheitis (TRT) virus in birds suffering from the swollen head syndrome has made it necessary to control this disease. TRT virus is a pneumovirus which mainly affects the upper respiratory tract of birds, and thus high and long lasting local immunisation is essential. This can only be achieved with specific live vaccines.

HIPRAVIAR SHS is a vaccine containing a live, highly attenuated TRT virus with immunogenic capacity for the prevention of TRT in turkeys and SHS in hens and broilers.



ADMINISTRATION ROUTE: Ocular-nasal, oral or spray. It is advisable to use preferably the ocular-nasal route. Ocular-nasal: Once the freeze-dried tablet is dissolved in the diluent included (sterile distilled water), administer one drop of the vaccine (0.03 ml) per bird, in the eye or nare, using a standard dropper (normally 30 ml per 1,000 doses).

HIPRA

HIPRAVIAR® SHS

FREEZE-DRIED TABLET FOR SUSPENSION (OCULAR-NASAL/ORAL/SPRAY)

- COMPOSITION PER DOSE: Attenuated Live Avian Pneumovirus
- INDICATIONS: Chickens, Layers and Breeders: To prevent Swollen Head Syndrome (SHS)/ Turkey Rhinotracheitis (TRT)
- ADMINISTRATION ROUTE: Ocular-nasal, oral or spray
- DOSAGE: Chickens, Layers, Breeders and Turkeys Poultry: 1 dose/bird





HIPRA

HIPRAVIAR® SHS

FREEZE-DRIED TABLET FOR SUSPENSION (OCULAR-NASAL/ORAL/SPRAY)

DOSAGE: Chickens, Layers, Breeders: 1 dose/bird. Generally, the following vaccination programme is recommended:

Chickens: Vaccinate between 14 and 20 days of age. In endemic areas, vaccinate during the first week of age and revaccinate at three weeks of age.

Layers and Breeders: Proceed according to the vaccination programme, depending on the incidence of the disease. Generally, vaccinate at 10 weeks of age and revaccinate with inactivated and/or live vaccine before the laying period (18 to 22 weeks).

OBSERVATIONS: - To ensure that vaccine water is ingested within a ½ or 1 hour at most, it is advisable not to administer water to animals for one hour before vaccination in the summer and for 2 hours in winter.

- When administering the vaccine by spray, it is advisable to use coarse spray (larger than 50 microns) for first vaccinations. For revaccinations, finer droplets can be applied (smaller than 50 microns).



HIPRA

EFICUR®

50 mg/ml suspension for injection

Pharmacotherapeutic group: Antibacterial for systemic use, ATCvet code: QJ01DA90. Ceftiofur is a late generation cephalosporin, which is active against Gram-positive and Gram-negative bacteria. Ceftiofur inhibits the bacterial cell wall synthesis, thereby exerting bactericidal properties.

INDICATIONS: Infections associated with bacteria sensitive to ceftiofur:

Swine: - Treatment of bacterial respiratory disease associated with *Pasteurella multocida*, *Actinobacillus pleuropneumoniae* and *Streptococcus suis*.

**FORMULATION: Each ml contains:
Ceftiofur (as hydrochloride) 50 mg**





HIPRA

Swine Poultry

EQUILIBRIUM®

Vitamins and amino acids, in oral solution.

TARGET SPECIES: Poultry, pigs, calves, dairy cows and cattle for fattening.

INDICATIONS: To be administered in animals subjected to situations/ conditions requiring an extra supply of vitamins and amino acids such as shipping, change of nutrition, pregnancy and lactation and growth development.

ADMINISTRATION AND POSOLOGY: Oral, in the drinking water. In general, administer 1 ml/5 litres of drinking water for 5 to 10 days or 1 ml/litre of drinking water for 2 to 3 days, once a month.

WITHDRAWAL PERIOD: 0 days. Keep out of reach and sight of children.

STORE AT TEMPERATURE NOT EXCEEDING 25 °C. PROTECT FROM LIGHT





HIPRA

Swine Poultry

EQUILIBRIUM®

Vitamins and amino acids, in oral solution.

TARGET SPECIES: Poultry, pigs, calves, dairy cows and cattle for fattening.

INDICATIONS: To be administered in animals subjected to situations/ conditions requiring an extra supply of vitamins and amino acids such as shipping, change of nutrition, pregnancy and lactation and growth development.

ADMINISTRATION AND POSOLOGY: Oral, in the drinking water. In general, administer 1 ml/5 litres of drinking water for 5 to 10 days or 1 ml/litre of drinking water for 2 to 3 days, once a month.

WITHDRAWAL PERIOD: 0 days. Keep out of reach and sight of children.

STORE AT TEMPERATURE NOT EXCEEDING 25 °C. PROTECT FROM LIGHT



HIPRAVIAR-CLON

Cloned live vaccine, Newcastle Disease CL/79 in oral freeze-dried tablet

- COMPOSITION PER DOSE: Live Newcastle disease virus CL/79 clon
 - INDICATIONS: Poultry: To prevent Newcastle disease.
 - ADMINISTRATION ROUTE: Ocular-nasal, oral or spray
 - DOSAGE: Poultry: 1 dose/bird
- 
- Decorative blue geometric shapes in the bottom right corner, consisting of several overlapping triangles and quadrilaterals in various shades of blue.



HIPRA

HIPRAVIAR-B1/H120

**Live vaccine, Newcastle Disease B1 strain and Infectious
Bronchitis H120 strain in oral freeze-dried tablet**

- **COMPOSITION PER DOSE:** Live Newcastle Disease virus B1 strain Live Infectious Bronchitis virus Mass H120 strain
 - **INDICATIONS:** Poultry: To prevent Newcastle Disease and Infectious Bronchitis.
 - **ADMINISTRATION ROUTE:** Ocular-nasal, oral or spray
 - **DOSAGE:** Poultry: 1 dose/bird
- 



HIPRA

HIPRAVIAR-B1

Live vaccine, Newcastle Disease B1 strain in oral freeze-dried tablet

- COMPOSITION PER DOSE: Live Newcastle disease virus B1 strain
 - INDICATIONS: Poultry: To prevent Newcastle disease
 - ADMINISTRATION ROUTE: Ocular-nasal, oral or spray
 - DOSAGE: Poultry: 1 dose/bird
- 



HIPRA

HIPRAVIAR-S/H120

**Live vaccine, Newcastle Disease La Sota strain and Infectious
Bronchitis H120 strain in oral freeze-dried tablet**

- **COMPOSITION PER DOSE:** Live Newcastle Disease virus La Sota strain; Live Infectious Bronchitis virus Mass H120 strain
 - **INDICATIONS:** Poultry: To prevent Newcastle Disease and Infectious Bronchitis.
 - **ADMINISTRATION ROUTE:** Ocular-nasal, oral or spray
 - **DOSAGE:** Poultry: 1 dose/bird
- 



HIPRA

HIPRAVIAR-CLON/H120

**Cloned live vaccine, Newcastle Disease CL/79 and Infectious
Bronchitis H120 strain in oral freeze-dried tablet**

- COMPOSITION PER DOSE: Live Newcastle Disease virus CL/79 clon Live Infectious Bronchitis virus Mass H120 strain
 - INDICATIONS: Poultry: To prevent Newcastle Disease.
 - ADMINISTRATION ROUTE: Ocular-nasal, oral or spray
 - DOSAGE: Poultry: 1 dose/bird
- 



HIPRA

HIPRAVIAR-S

Live vaccine, Newcastle Disease La Sota strain in oral freeze-dried tablet

- COMPOSITION PER DOSE: Live Newcastle Disease virus La Sota strain
 - INDICATIONS: Poultry To prevent Newcastle Disease
 - ADMINISTRATION ROUTE: Ocular-nasal, oral or spray
 - DOSAGE: Poultry 1 dose/bird
- 

Live attenuated vaccines for chickens against coccidiosis in suspension for oral spray with Solvent, Hipramune -T

- COMPOSITION PER DOSE: Live sporulated cocysts of *E. acervulina*, *E. mitis*, *E. maxima*, *E. praecox*, *E. tenella*.
 - INDICATIONS: For active immunisation of chicks against coccidiosis
 - DOSAGE: Poultry 1 dose per bird
 - ADMINISTRATION: By coarse spray at day-old using a suitable device. Follow recommended dilution procedure
- 



HIPRA

HIPRAGUMBORO-GM97

**Live vaccine against all types of Infectious Bursal Disease
virus**

- COMPOSITION PER DOSE Live infectious bursal disease virus
 - INDICATIONS: Poultry: To prevent Gumboro disease.
 - ADMINISTRATION ROUTE: Ocular-nasal, oral or spray
 - DOSAGE: Poultry 1 dose/bird
- 



HIPRA

HIPRAPOX

Live vaccine, Fowl Pox in injectable freeze-dried tablet

- COMPOSITION PER DOSE: Modified live homologous Fowl Pox virus
 - INDICATIONS: Chickens, Layers, Breeders and Turkeys: To prevent Fowl Pox, both in the cutaneous or diphtheritic forms
 - ADMINISTRATION ROUTE Puncture the wing membrane or follicular scarification in the thigh
 - DOSAGE: Chickens, Layers, Breeders and Turkeys Poultry 1 dose/bird
- 



HIPRA

HIPRAGUMBORO-CH/80

**Cloned Intermediate live vaccine, Gumboro Disease in oral
freeze-dried tablet**

- COMPOSITION PER DOSE: Cloned live Infectious Bursal Disease Virus
 - INDICATIONS: Poultry To prevent Gumboro Disease
 - ADMINISTRATION ROUTE: Ocular-nasal, oral or spray
 - DOSAGE: Poultry 1 dose/bird
- 

BRONIPRA-1

**Live vaccine, Infectious Bronchitis H120 strain mild in oral
freeze-dried tablet**

- COMPOSITION PER DOSE: Live Infectious Bronchitis virus Mass H120 strain
 - INDICATIONS: Poultry. To prevent Infectious Bronchitis in chickens: used as the first vaccine in Pullets and breeders
 - ADMINISTRATION ROUTE: Ocular-nasal, oral or spray
 - DOSAGE: Poultry 1 doserbind
- 
- Decorative blue geometric shapes in the bottom right corner, consisting of several overlapping triangles and quadrilaterals in various shades of blue, creating a modern, abstract design.

EVALON

Live attenuated vaccine against coccidiosis in Layers and Breeders in suspension with solvent, Hipramune -T

- COMPOSITION PER DOSE: Live sporulated cocysts of E acervulina, E brunette, Enecatrix, E. maxima, Etenella
 - INDICATIONS: For immunization of layers and breeders against coccidiosis.
 - ADMINISTRATION ROUTE: By coarse spray at day-old using a suitable device
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- Decorative blue geometric shapes in the bottom right corner, consisting of several overlapping triangles and quadrilaterals in various shades of blue, creating a modern, abstract design.

GUMBOHATCH

Immune Complex vaccine against Infectious Bursal Disease

- COMPOSITION: Live attenuated IBD virus and antibody complex
 - INDICATIONS: For the active immunisation of chicks against Infectious Bursal disease (IBD/Gumboro Disease)
 - ADMINISTRATION: The vaccine can be administered in-ovo at day 18 or by subcutaneous injection at day old at the hatchery.
 - DOSAGE: Chicks-one dose per bird
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CORIPRAVAC

Inactivated vaccine, Infectious Coryza in oil adjuvant

- COMPOSITION PER DOSE: Inactivated *Avibacterium paragallinarum* (serotypes A, B and C) in oil adjuvant
 - INDICATIONS: Layers and Breeders: To prevent Infectious Coryza
 - ADMINISTRATION ROUTE: Intramuscular, into the breast muscles.
 - DOSAGE: Layers and Breeders: 0.5ml/bird "Generally, it is recommended to vaccinate at 12 weeks and revaccinate at 16-15 weeks
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HIPRA

HIPRAVIAR AP

Inactivated vaccine against Pigeon paramyxovirosis, in injectable suspension

- **COMPOSITION PER DOSE** Inactivated PMV-1 virus. Special adjuvant
 - **INDICATIONS** Pigeons: Prevention of Pigeon Paramyxovirosis
 - **ADMINISTRATION ROUTE:** Subcutaneous injection in the mid-dorsal area of the neck, nuchal direction opposite the head regardless of weight
 - **DOSAGE:** Pigeon: 0.2 ml per bird at 30-35 days of age Revaccinate at least once annually
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CORIPRAVAC AH

Inactivated vaccine, Infectious Coryza in aluminum hydroxide adjuvant

- COMPOSITION PER DOSE: Inactivated *Avibacterium paragallinarum* (serotypes A, B and C) in aluminum oxide adjuvant
 - INDICATIONS: Layers and Breeders: To prevent Infectious Coryza
 - ADMINISTRATION ROUTE: Intramuscular into the breast muscles.
 - DOSAGE Layers and Breeders fowl bird "Generally, it is recommended to vaccinate at 12 weeks and revaccinate at 16-18 weeks
- 
- Decorative graphic element in the bottom right corner consisting of several overlapping, curved, triangular shapes in various shades of blue.

HIPRAVIAR-TRT

Inactivated vaccine sub-type B against Avian Pneumovirus virus in injectable emulsion

- COMPOSITION PER DOSE Inactivated TRT virus in injectable emulsion
 - INDICATIONS: Layers and Breeders. To prevent TRT infection and Swollen Head Syndrome (SHS)
 - ADMINISTRATION ROUTE: Subcutaneous, into the mid-back region of the neck, or intramuscular, into the breast muscles
 - DOSAGE: Layers and Breeders: 0.5ml/bird "Generally, the following vaccination programme is recommended. Layers and Breeders: Vaccinate before the laying period (18 weeks), although the vaccine can be administered at any time during rearing and growing periods
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- Decorative blue geometric shapes, including overlapping triangles and trapezoids in various shades of blue, located in the bottom right corner of the slide.

The HIPRA logo consists of the word "HIPRA" in white, bold, uppercase letters, centered within a solid dark blue rectangular background.

HIPRA

HIPRAVIAR ND BROILERS

Inactivated Newcastle vaccine in oil emulsion

- **COMPOSITION PER DOSE:** Inactivated Newcastle disease virus, La Sota strain in oil adjuvant
 - **INDICATIONS:** Prevention of Newcastle Disease
 - **ADMINISTRATION:** Subcutaneous injection in the mid-dorsal area of The neck using a suitable device
 - **DOSAGE:** Day-old-Chicks-0.2 ml per bird
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- Decorative graphic element in the bottom right corner consisting of several overlapping, curved, triangular shapes in various shades of blue, creating a modern, abstract design.

HIPRATIFUS-AV2

Inactivated vaccine, Avian Salmonellosis in injectable emulsion

- COMPOSITION PER DOSE: Inactivated Salmonella enteritidis microorganisms;
Inactivated Salmonella typhimurium microorganisms
- INDICATIONS: Layers and Breeders: To prevent Salmonella infection
- ADMINISTRATION ROUTE: Intramuscular, into the breast muscles.
- DOSAGE: Layers and Breeders 0.5ml
Generally, it is recommended to vaccinate at 12 weeks and revaccinate at 10-18 weeks

ADENIPRAVAC-ND/IB

Inactivated vaccine, Egg Drop Syndrome-76, Newcastle Disease and Infectious Bronchitis in injectable emulsion.

- COMPOSITION PER DOSE Inactivated EDS-76 virus Inactivated Newcastle Disease virus: Inactivated Infectious Bronchitis virus in oil adjuvant
 - ADMINISTRATION ROUTE: Subcutaneous, into the mid-back region of the neck, or Intramuscular, into the breast muscles
 - DOSAGE: 0.5ml/bird "Generally, it is recommended to vaccinate before the laying period (18 Weeks), although the vaccine can be administered at any time during rearing and growing periods
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AVISAN MULTI/CO

Inactivated Vaccine, Egg Drop Syndrome. Infectious Bronchitis, Newcastle Disease, Infectious Coryza in injectable emulsion

- COMPOSITION PER DOSE Egg Drop Syndrome Adenovirus 127 Strain Infectious Bronchitis H52 Strain Newcastle Disease Virus La Sota Strain Inactivated Avibacterium paragallinarum Serotype A, B and C Oil based adjuvant
 - INDICATIONS: Breeders and Layers: To prevent Egg Drop Syndrome, Infectious Bronchitis, Newcastle Disease and Infectious coryza
 - ADMINISTRATION ROUTE: Subcutaneous, into the mid-back region of the neck or Intramuscular, into the breast muscle
 - DOSAGE: Layers and Breeders: 0.5 ml per bird at least two weeks before the laying period
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HIPRAVIAR-BPL2

Inactivated vaccine, Newcastle Disease in injectable emulsion

- COMPOSITION PER DOSE: Inactivated Newcastle Disease virus in oil nojuvant
 - INDICATIONS: Breeders: To prevent Newcastle Disease
 - ADMINISTRATION ROUTE Subcutaneous, into the mid-back region of the neck, or Intramuscular, into the breast muscles
 - DOSAGE: 0.5ml/bird "Generally, it is recommended to vaccinate before the laying period (before 18 weeks), although the vaccine can be administered at any time during rearing and growing periods
- 
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BRONIPRA-ND/IBD

Inactivated vaccine, Infectious Bronchitis, Newcastle Disease and Gumboro Disease in injectable emulsion

- **COMPOSITION PER DOSE:** Inactivated infectious Bronchitis virus, Inactivated Newcastle Disease virus, Inactivated Infectious Bursal Disease virus in oil adjuvant
 - **INDICATIONS:** Breeders To prevent Infectious Bronchitis, Newcastle Disease and Gumboro Disease
 - **ADMINISTRATION ROUTE** Subcutaneous, into the mid-back nignun of the neck, or Intramuscular into the breast muscles 0.5ml/bird
 - **DOSAGE:** "Generally, it is recommended to vaccinate before the laying period (before 18 weeks), although the vaccine can be administered at any time during rearing and growing periods
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BRONIPRA-ND

Inactivated vaccine, Infectious Bronchitis Newcastle Disease in injectable emulsion

- COMPOSITION PER DOSE: Inactivated Infectious Bronchitis virus; Inactivated Newcastle Disease virus in oil adjuvant
 - INDICATIONS: Breeders. To prevent infectious bronchitis, Newcastle Disease
 - ADMINISTRATION ROUTE: Subcutaneous, into the mid-back region of the neck, or Intramuscular, into the breast muscles
 - DOSAGE: 0.5ml/bird "Generally, it is recommended to vaccinate before the laying period (before 18 weeks), although the vaccine can be administered at any time during rearing and growing period
- 
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