

Respisan

ORAL SOLUTION

1 LITRE

OPTIMAL RESPIRATORY TRACT CONDITION

Benefits of Respisan:

- Healthy and clean respiratory tract
- Acts as an expectorant; drains excess mucus
- Stimulation of air intake and feed intake
- Decreases heat stress
- Antiseptic effect due to Camphor and D-Limonene
- Enhances resistance to diseases in general

Composition:

Each ml contains:

Thyme extract	20mg
Citrus extract	18mg
Eucalyptus extract	15mg
Vitamin E	15mg
Willow bark extract	10mg
Purified water	up to 1ml

Dosage and administration:

- Oral in drinking water: 0,5 - 1L of Respisan in 1000L of drinking water for 4-5 consecutive days.
- Spray method: prepare a 2% solution mixing Respisan with luke-warm water. Spray animals 2-4 times/day until relief of symptoms.

Withdrawal time: None

Storage: store closed at 15-25°C protected from light

Presentation: 1 L and 5 L packaging.

Shelf life: 3 years



FOR VETERINARY USE ONLY
KEEP OUT OF REACH OF CHILDREN

Pantex Holland Respisan is a liquid plant extract based additive, especially made to ensure efficient respiration. The synergy of its ingredients stimulates general resistance, protects the mucus membrane against irritation and has a strong purifying effect on the blood. The combined properties maintain immunity, improve liver function and optimize feed conversion.

Unique composition:

- Thymol and eucalyptol act as a mucolytic and expectorant
- Thymol and carvacrol have antitussive properties
- D-Limonene has strong antiseptic properties
- Vitamin E is an anti-oxidant and will strengthen the immune system
- The willow bark extract (Salix alba) is well known for its anti-inflammatory properties



Studies show Respisan to be highly effective in the following situations:

- Respiratory infection, sneezing and other respiratory symptoms
- Post vaccination
- In hot spells, when heat stress is an issue
- In other periods of stress during handling and transportation
- Bad environmental conditions such as high concentration of ammoniac and excessive dust



Eucalyptus oil acts as an analgesic, relax the bronchi and clear the secretions hold in the cells stimulating the movement, the production of mucus and stimulation the cough reflex. It also has an antibacterial and antiviral effect.



Vitamin E protects cellular membranes from hydrogen peroxides. It also have a role in the functioning of muscular and nervous system and in erythropoiesis. Pharmacological levels of vitamin E potentiate immunological mechanisms increasing bacterial and viral infection resistance.

Thyme oil is antibacterial, antispasmodic (alleviating cough) and acts as an expectorant. It also has calming and antioxidant properties.

Willow bark extract The salicine from the Salix alba transforms into acetylsalicylic acid in the liver, which has a strong anti-inflammatory and analgesic effect.



Conclusions:

At Pantex Holland we have conducted many experiments and we can conclude that our **Respisan:**

- Is safe and useful as a prophylactic in both administration methods.
- Reduces the bacterial and viral concentration in respiratory airways, potentiates the immune system and reduces the symptomatology allowing the animal to feel better improving its growth.
- Administration in drinking water leads to better results in weight yield and conversion index, whereas the spray method showed better results in the pathological analysis; it inhibited the growth of pathogenic bacteria in the trachea.
- In order to obtain the best possible results, we recommend using both administration methods simultaneously; in drinking water and in spray.