



# **Immuno Echinamo**

100% Herbal Medicine to Enhance Immunity and Respiratory Function

**Suitable for Ruminants** 

**Oral solution** 

# **Ingredients:**

Mycoplasma.

- Echinacea purpurea Extract
- Thymus vulgaris Extract

The first function of the respiratory system is to deliver oxygen to the lungs to replace with the carbon dioxide in the blood.

Dysfunction and inability to transfer gases due to infections and diseases leads to respiratory distress. Also, due to the immune system weakness, all kinds of infections can affect ruminants and subsequently respiratory problems such as bovine respiratory disease (BRD) arise. Therefore, enhancing immune and respiratory system is very crucial and the use of Immuno Echinamol is recommended for enhancing the immune system, prevention and treatment of respiratory infections such as Pasteurella and



# Mechanism of action:

Immuno Echinamol contains natural extracts of plants such as Echinacea purpurea and Thymus vulgaris and is formulated in a way that its different components strengthen each other's therapeutic effects. Echinacea plant has antibacterial, antiseptic, antiviral and anti-inflammatory effects. Echinacea enhances the immune system and is very effective in improving pneumonia and bronchitis. This plant stimulates specific cell-dependent immunity and improves immune activity by increasing the function of T lymphocytes, phagocytes, leukocytes and increasing the synthesis of interferons. Also, the extract of this plant prevents the virus from entering the cell and causing infection and its spread by inhibiting the binding of the virus to its receptor. Echinacea plant has positive effects on immunity level in ruminants by increasing y-interferon, IgG, TNF-α, IL-4 and IL-2.

Thymus vulgaris has antioxidant, antiseptic, antibacterial, antiviral, antifungal, antipyretic and anti-congestion effects. The active compounds in this plant are mucolytic and facilitate the exit of the secretions. In addition, the extract of this plant is expectorant and is very effective in improving spasm, bronchitis and cough. Thymol and Carvacrol present in thyme stimulate the movement of the upper respiratory cilia and dilute phlegm and help to expel it from the respiratory tract, clear the nose, trachea and bronchi, cause breathing comfort, increase pulmonary capacity and cause faster recovery of the animal.





#### **Immuno Echinamol Indications:**

- Enhancement of immunity and respiratory function
- Prevention of contagious respiratory diseases such as Adenovirus, bovine rhinotracheitis (IBR) and
   Pasteurella
- Prevention of bacterial bronchopneumonia and Lentivirus pneumonia in sheeps and goats
- Reducing respiratory and general complications caused by respiratory diseases such as colds, sinusitis,
   bronchitis, etc
- Contributing to the better effectiveness of vaccines and reducing the side effects caused by vaccination
- Preventing the dryness of respiratory membrane and mucous in hot and dry weather
- Improving chronic respiratory diseases (CRD) such as chronic bronchitis and pneumonia
- Dilation of airways and improvement of asthma symptoms and respiratory allergies
- Improving cough and wheezing
- Reducing the symptoms and speeding up the healing of infections such as mannheimia haemolytica and infectious bronchitis caused by stress
- Prevention of secondary respiratory infections
- Expectorant and cleaning respiratory tracts
- Increasing the appetite



# **Recommended dosage:**

250 ml per 5000 kg of body weight (0.5 ml per 10 kg of body weight) should be consumed using a drencher for 5 days. If you need to continue the treatment, consult a veterinarian.

# **Storage Conditions:**

Store in a cool and dry place at 25°C and away from direct sunlight.

#### **Withdrawal Period:**

No withdrawal period is required.

# **Drug Interaction:**

Compatible with all kinds of commonly used medicines, additives, antibiotics, probiotics and vaccines.

#### **Cautions:**

Keep out of reach of children

In case of accidental eye contact, wash immediately with plenty of water

# Packaging:

250 ml bottles

# **Expiration Date:**

24 months from production date





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