



Immuno Echinamol

100% Herbal Medicine to Enhance Immunity and Respiratory Function

Suitable for Equine

Oral solution

Ingredients:

- Echinacea purpurea Extract
- Thymus vulgaris Extract

Respiratory diseases are common among horses worldwide. Although they're not usually fatal, they are an important cause of waste in the horse industry. Pathogenic agents that are related to respiratory disease in horses include viruses, bacteria, including mycoplasma, and fungi. Horses take a breath with each step, which is called respiratory-locomotor coupling. For this reason, any factor that affects the horse's breathing also affects its gait. On the other hand, following exercise and activity of the horse, carbon dioxide accumulates in the muscle cells of the animal and if it is not removed through exhalation, it will lead to fatigue, exhaustion and damage to its muscles. Therefore, it is necessary to maintain and enhance the normal function of the respiratory system of horses for their health and welfare.

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 influenza 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 influenza virus from entering the cell and causing infection and its spread by inhibiting the binding of the virus to its receptor. *Echinacea* plant has a significant antioxidant effect and studies have shown that it can cause more production of blood cells and thereby protect and preserve weak and fragile hoof.

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, inflammation of the respiratory tract 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. Thyme leads to better performance of the horse's respiratory system and can be effective in conditions where the horse is kept in cold weather or dusty environment. Also, the antioxidant properties of the active compounds of this plant improve the viability of horse sperms.

Immuno Echinamol Indications:

- Enhancement of immunity and respiratory systems
- Prevention of contagious respiratory diseases such as equine influenza
- Prevention of bacterial bronchopneumonia and Lentivirus pneumonia in sheeps and goats
- Reducing respiratory and general complications caused by respiratory diseases such as influenza, 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
- Prevention of secondary respiratory infections
- Expectorant and cleaning respiratory tracts



Recommended dosage:

250 ml per 5000 kg of body weight

Storage Conditions:

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

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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