

MIXOVIT[®] ADE Se

Solution for oral administration

Description

Transparent yellow viscous liquid.

Composition

100 ml of the additive contains:

active ingredients: vitamin A – 1 000 000 IU; vitamin D₃ – 100 000 IU; vitamin E – 1 500 mg; biotin – 30 mg; sodium selenite – 5 mg;

excipients - polysorbate 80, purified water.

Properties

The effect of the feed additive Mixovit[®] ADE Se is a collective effect of its components.

Vitamin A participates in formation of structure of mucous membranes of digestive organs, respiratory organs, urinary system, oil and sweat glands, in functioning of visual organs, in protein-lipid interaction in cell membranes. Vitamin A ensures reproductive function in animals: spermiogenesis and oogenesis, growth of embryos, onset of sexual maturity, synthesis of sex hormones. It stimulates growth and development of young animals, non-specific resistance, prevents respiratory and gastrointestinal diseases.

Vitamin D₃ stimulates synthesis of proteins of organic matrix of bone tissue and its mineralization, intestinal uptake of calcium and phosphorus and their reabsorption from primary urine and mobilization from the bone tissue, supports homeostasis of both macronutrients, activates synthesis of calcitonin in thyroid gland and inhibits parathormone secretion.

Vitamin E composes lipoprotein structure of membranes of all cells, ensures their functional stability, prevents peroxidation of polyunsaturated fatty acids, stimulates synthesis of heme and formation of hemoglobin and myoglobin, reproductive function in females, prevents embryonic mortality, ensures embryo development.

Selenium is present in amino acids (selenomethionine and selenocysteine) and enzyme of glutathione peroxidase, which has pronounced antioxidant properties, prevents muscle dystrophy, hepato- and myocardiodystrophy.

Biotin is present in enzymes, which participate in regulation of metabolism of proteins, lipids and carbohydrates, carboxylation reactions and formation of high-energy compounds, prevents development of dermatitis.

Administration

The additive is prescribed to supplement diet of animals with vitamins during deficiencies of vitamins A, D, E and H, rickets and osteodystrophy, respiratory, gastrointestinal, and gynecologic diseases, encephalomalacia and muscle dystrophy, white-muscle disease; to increase total resistance of animals, to stimulate metabolism and growth during growing and fattening, to reduce stress effect during transportation.

Dosage

The additive is administered to hens, turkeys, cattle and small cattle, swine, horses orally with drinking water or feed in the following doses:

- 0.5-1 ml of feed additive per 1 l of drinking water (0.5-1 l of feed additive per 1 ton of drinking water) daily for 5-7 days;

- 1-2 ml of feed additive per 1 kg of feed (1-2 l of feed additive per 1 ton of feed) daily for 5-7 days.

Contraindications

No contraindications.

Precautions

Do not administer the feed additive to animals with hypersensitivity to its components. It is necessary that the vitamin contents in dietary components be taken into account throughout the whole administration period.

Packaging

Cardboard boxes with 10 plastic vials of 10 ml each, plastic vials of 1000 ml, plastic cans of 5 l.

Storage

Store in transportation packaging in covered warehouses. Store in a dry, dark place at 5-30°C.

Shelf life

2 years.

24 hours after dissolution in water or addition to feed.