

RUMIFOS

Immune-boosting, productivity-enhancing and livestock-preserving agent used in livestock farming, poultry farming, and aquaculture.

I. General Information

Feed additive “Rumifos” is an innovative product — a complex of biologically active substances obtained through extraction of endemic plant raw materials (wheat, oat, barley, corn).

The unique production technology (dry transfer in a modified environment with fraction selection method) was developed at the Bio-Rational Technologies Research Center (BrTRC).

The feed additive does not contain genetically modified components or chemical additives. It is non-pathogenic and non-toxic.

Appearance: dark yellow transparent solution.

Packaging

Available in 50 ml, 100 ml, 250 ml, 500 ml, 1 L, and 5 L opaque plastic bottles; also in 2 ml and 5 ml glass ampoules.

All packaging units are labeled with:

- Manufacturer’s name, address, and trademark;
- Trade name in Georgian and Latin;
- Composition;
- Quantity in package;
- Purpose and directions for use;
- Batch number;
- Date of manufacture;
- Expiry date (month/year);

- Storage conditions;
- Marking: “For veterinary use”.

Primary packaging includes instructions for use.

Storage Conditions

Store in a dry place protected from sunlight at 5–25°C.

Shelf life: 2 years from date of manufacture.

Do not use after expiration date.

Biological Properties

The complex of biologically active substances (phytobiotics) fully replaces the need for feed antibiotics. This eliminates antibiotic residues in livestock products, increases productivity, and ensures high-quality production.

Rumifos exhibits antimicrobial activity against:

- *Staphylococcus aureus*
- *Bacillus subtilis*
- *Escherichia coli*
- *Candida albicans*

Synergism of biologically active components (enzymes, coenzymes, polyphenols, flavonoids, mono- and disaccharides) strengthens the immune system, increases live weight gain, ensures livestock survival, improves nutrient digestibility, protects against infectious diseases, regulates pH, suppresses pathogenic organisms, restores natural intestinal microflora (bifidobacteria, propionic acid bacteria), stimulates metabolism, and activates vitamin synthesis.

Rumifos intensifies factors promoting musculoskeletal mass growth and ensures maximum realization of genetic productivity potential.

Use of Rumifos results in:

- Increased overall livestock, poultry, and fish survival;
 - Reduced feed cost per production unit;
 - Improved quality of skin, leather, wool, fur, and meat;
 - Restoration of rumen and intestinal beneficial microflora (biomass increases by 16%);
 - Increased average daily weight gain by 15–25%;
 - Improved meat quality characteristics: marbling +11.5%, reduced free moisture –4.2%, increased bound moisture +3.4%, increased caloric value +3.4%;
 - Increased egg production by 7–15%.
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Indications and Dosage

Rumifos is used in livestock, poultry, and aquaculture as a growth stimulant, productivity enhancer, and livestock-preserving agent.

Recommended for:

- Metabolic disorders;
- Prevention of ketosis in high-yield dairy cows;
- Gastrointestinal diseases (enteritis, feed-related diarrhea);
- Dysbacteriosis;
- Increasing live weight gain;
- Improving feed conversion and nutrient absorption;
- Before and after weaning;
- Prevention of gynecological diseases and postpartum mastitis.

Administered daily with drinking water or mixed with feed (loose or pelleted).

Dosage

1 ml per 25 kg live body weight.

Special Instructions

Recommended during the dry period in cattle and in cases of energy deficiency.

Compatible with all feed ingredients, medicinal products, and other feed additives.

No side effects or complications observed when used according to instructions.

Products from treated animals, poultry, and fish may be used for food purposes without restrictions.

Personal Safety

Observe general hygiene and safety rules when handling feed additives.

After use, wash hands with warm water and soap.

Keep out of reach of children.

Instruction developed by Biotecsi LLC.

Manufacturer:

Biotecsi LLC, Georgia.