

# BOVIESTIMUL

WHAT MAKES A RUMEN HEALTHY

**BOVIESTIMUL** is more than only *Saccharomyces cerevisiae*:



Rapid approach for strategic moments.



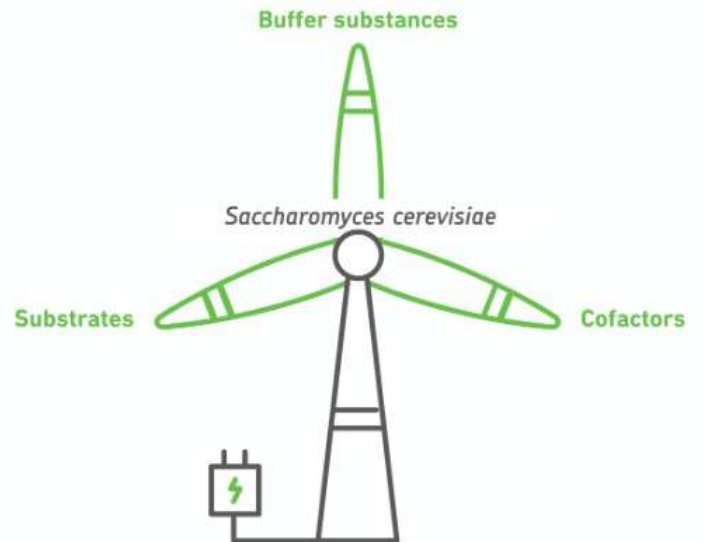
Reduces the recovery time of ruminal dysbiosis.



Faster return to optimal productivity.



Along with you



**BOVIESTIMUL**

is an oral powder especially formulated to prevent and correct dysbiosis in ruminants. It is composed not only of **live yeasts** but also of **substrates, cofactors** and **buffer substances**, having a **synergistic effect** all together which boosts the development and stabilization of ruminal microorganisms.

# A HEALTHY RUMEN

The rumen is an anaerobic chamber that shelters symbiotic microorganisms able to produce nutrients which are essential for milk production and growth.<sup>1</sup> For a correct microbial ruminal fermentation it is necessary a continuous feed intake, an adequate pH range, and anaerobiosis conditions.

Sudden changes in diet or feed consumption can cause an abrupt ruminal flora imbalance, also called dysbiosis. In these cases, it is necessary to administer a **quick-acting solution** to recover the equilibrium of the ruminal flora. This rapid effect is achieved **not just with live yeasts but also with synergistic boosters**.

## YEAST

*Saccharomyces cerevisiae*:

- **Maintains an anaerobic environment**, which supports the multiplication of ruminal bacteria.
- **Raises and stabilizes the pH** thanks to the metabolites of yeast fermentation.
- **Increases the ingestion of dry matter**.
- **Boosts the immune system**, mitigating negative effects associated with stress and disease.

## BOOSTERS

 **SUBSTRATES** for the live yeast and ruminal flora

- **Dextrose and starch** supply energy.
- **Casein, methionine, and lysine** are a source of high quality proteins for the microbiota.
- **Ammonium sulphate** is a source of sulfur, key for certain microbial amino acids.

 **COFACTORS** to reinforce microflora development:

- **Brewer yeast** shows a coadjuvant effect with *Saccharomyces cerevisiae*.
- **Cobalt** is essential for the B<sub>12</sub> vitamin synthesis which is necessary for a correct carbohydrate ruminal digestion.

 **BUFFER SUBSTANCES**

- **Disodium phosphate and monocalcium phosphate** stabilize and correct the ruminal pH.

### Composition

1 kg contains: Brewer's yeast, 35.00%; Starch, 20.50%; Casein, 15.00%; Dextrose, 8.50%; Disodium phosphate, 5.00%; Monocalcium phosphate, 3.67%.

**Analytical constituents:** Crude protein, 31.20%; Crude fat, 1.30%; Crude fiber, 0.4%; Crude ash, 11.00%; Phosphorous, 2.50%; Sodium, 1.5%.

**Additives:** *Saccharomyces cerevisiae* CNCM I-1077 (E1711/4b1711), 4x10<sup>11</sup> CFU/kg; Cobalt (as coated granulated cobalt (II) carbonate), 100 mg/kg; DL-Methionine, 30 g/kg; L-Lysine, 5 g/kg.

### Indications and target species

**Cattle, sheep and goats.** Prevention and correction of mechanical or biochemical digestive problems: stimulation of dairy production and growing.

### DOSE

Oral route in feed.  
Mixed in water when administered individually.

### GET THE MAXIMUM PROFIT OF EACH GRAM




100 g packaging, ideal for individual treatments.

### WITHDRAWAL PERIOD

0 days.

## HOW TO USE



	Acute problems	Prevention	Long-term additive
<b>In case of:</b>	<ul style="list-style-type: none"> <li>• Decrease in milk production</li> <li>• Reduced feed intake</li> <li>• Lameness</li> <li>• Diarrhoea</li> </ul>	<b>To ensure feed intake in <b>critical moments</b> such as:</b> <ul style="list-style-type: none"> <li>• Stress conditions: heat, regrouping or after calving</li> <li>• Parasite infestations</li> <li>• Treatments with antibiotics or parasiticides</li> <li>• After surgeries</li> <li>• In feed changes and indigestions.</li> </ul>	<b>To keep an optimal ruminal health status ensuring dry matter consumption.</b> <ul style="list-style-type: none"> <li>• growing and finishing animals</li> <li>• lactating females</li> </ul>
<b>Related to:</b>	<ul style="list-style-type: none"> <li>• Acidosis</li> <li>• Ketosis</li> <li>• Fatty liver</li> <li>• Ruminal atony</li> <li>• Displaced abomasum</li> <li>• Mastitis</li> <li>• Metritis</li> </ul>		
<b>Milking cow</b> 	<b>100 g</b> / day, 3-5 days	<b>50 g</b> / day, 5-10 days	<b>25 g</b> / day, during lactation
<b>Beef calf</b> 	<b>50 g</b> / day, 3-5 days	<b>30 g</b> / day, 5-10 days	<b>20 g</b> / day, during fattening
<b>Ovine and caprine</b> 	<b>30 g</b> / day, 3-5 days	<b>15 g</b> / day, 5-10 days	<b>10 g</b> / day, during fattening

Manufactured by:

**Industrial Veterinaria S.A.**

a LIVISTO company

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