

# SynTech™ RGI

## Gut Health & Immune Function



RUMINANT



## Beyond the Gut

In both ruminant and monogastric animals, a healthy gastrointestinal tract is essential to maintain optimal immune function. The animal's diet can have a significant effect on its health by altering the gut microbiome and affecting the immune system. SynTech RGI's new two-way action supports both digestive health and immune function to promote overall animal health and performance in the ruminant animal.

## SynTech RGI

SynTech RGI is manufactured exclusively by D&D Ingredient Distributors, intended for use in ruminant animals to help promote digestive health and maintain optimal immune function. SynTech RGI is a complex product containing Mannan-oligosaccharides (MOS), Beta-glucans, and two stable *Bacillus* strains that work together to promote healthy microbial populations, optimize immune function, and support intestinal tissue integrity.

## MODE OF ACTION

SynTech RGI has two distinct modes of action:

1. Promotes digestive health by stabilizing ruminal pH, supporting healthy microbial populations, and maintaining intestinal integrity
2. Optimizes immune function by positively impacting both humoral and cell-mediated immune responses



**INGREDIENT  
DISTRIBUTORS, INC.**

Ingredient Sourcing & Custom Premix Blending Specialists

## Key Features

**PRODUCT STABILITY** | Contains both a patented form of live yeast (*Saccharomyces cerevisiae*) and two *Bacillus* strains (*licheniformis* and *subtilis*) designed to withstand the major physical stress factors occurring during the pelleting process and storage.

**SYNBIOTIC FORMULA** | Contains both probiotics and prebiotics (MOS).

**CONSISTENT QUALITY** | We utilize only quality, traceable ingredients in manufacturing to ensure product consistency.

## Key Benefits

There are numerous benefits. Research shows the nutritional health technologies contained in SynTech RGI help:

Enhance fiber digestibility

Provide better feed conversion

Improve animal performance

Optimize health and wellness

## Typical Analysis

DRY MATTER (MIN)	> 94.7%
TOTAL BACTERIA (MIN)	1.28 X 10 <sup>9</sup> CFU/G
TOTAL VIABLE YEAST CELLS (MIN)	5.0 X 10 <sup>9</sup> CFU/G

## Recommended Feeding Rate

DAIRY COWS	10 g/hd/day
HEIFERS	10 g/hd/day
CALVES	5 g/hd/day
BEEF CATTLE	10 g/hd/day

## Quality Commitment

Quality is an integral part of D&D's business principles. These principles guide our actions to deliver products and services that are safe, effective, and reliable.

## Manufacturing Certifications



## Additional Information

If you would like more information about SynTech RGI, please contact your local Nutrition Specialist or D&D Ingredient Distributor Representative.

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