

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.**

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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 ⁹ CFU/G |
| TOTAL VIABLE YEAST CELLS (MIN) | 5.0 X 10 ⁹ 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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