CLOSER LOOK AT Milk Components

Stressors Can Cause Rumen Instability and Altered Fermentation
Milk fat and protein are an important source of income for a dairy, but many issues can affect ruminal stability.

Unstable Rumen Alters Fermentation

Stressors
- Weather
- Transition Stress
- Feed Variability / Type

A Healthy Gut Can Support Milk Component Production
5 Studies*
The link between gut health, immune strength, and milk components. These studies include:

Microbiome & Digestibility
- Rumen Bacteria
  - Fiber digesters and lactate utilizers
- Digestibility
  - Tested across 20 forage types

Component Production Under Stress
- Intake
  - In transition cows
- Mobilized Body Fat
  - In transition cows
- Protein & Fat
  - With heat challenge
- Fat Corrected Milk
  - 3.5% With diet challenge

*Contact your Diamond V Representative to learn more about our research specific to this topic.
Diamond V Research: Innovation Leads to NutriTek

1 APPLIED Production Benefits of XPC®
Nutritional principles from the global success of Original XP™ and Original XPC®.

2 LEVERAGED Immune Strength of EpiCor®
Scientific knowledge of immune response from the research and development of Diamond V’s human product EpiCor®.

3 UNLOCKED Next Generation for Dairy
New features and benefits for dairy profitability.

Full Body of Evidence — Ask Our Experts
Contact your Diamond V representative to learn more about how the gut health and immune strength benefits of Diamond V technologies can drive animal performance and producer profitability.

NutriTek was conceived and developed from more than 75 years of time-tested scientific principles, along with Diamond V human-product innovation, and ultimately, performance of the technology in dairy animals.

NutriTek was FDA reviewed and accepted. Supports DMI.

Only From Diamond V

All Dairy Studies: 110+

Health Studies: 60+

If you would like more information, please contact your local Diamond V representative.