



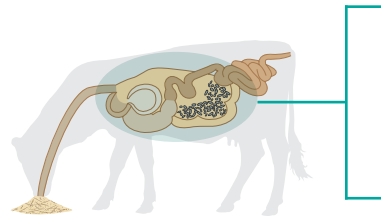
CLOSER LOOK AT Milk Components



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

Next Generation Dairy Technology Helps Support Health & Wellness



Gut Health



Immune Strength



Profitability

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

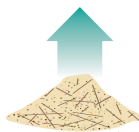


Rumen Bacteria
Fiber digesters and lactate utilizers



Digestibility
Tested across 20 forage types

Component Production Under Stress



Intake
In transition cows



Fat Corrected Milk
With diet challenge
3.5%



Mobilized Body Fat
In transition cows



Protein & Fat
With heat challenge

EDUCATION SERIES



*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®.

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.



ORIGINAL
XPC®



EPICOR®

2 LEVERAGED Immune Strength of EpiCor®

Scientific knowledge of immune response from the research and development of Diamond V's human product EpiCor®.



NutriTek®

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**.



FDA
Reviewed
and
Accepted

SUPPORTS
DMI

Only From Diamond V



All Dairy Studies:
110+



Health Studies:
60+