

TRI-MIC 1:50

A direct-fed microbial (DFM) for dairy and beef cattle

RESEARCH-SUPPORTED FEATURES AND BENEFITS

Combination of rumen-specific microbes

- Increases rumen microbial protein meaning greater milk protein yield
- Increases volatile fatty acids (VFA) production, which are the energies required for animal production

Contains lactic acid bacteria, live cell yeast and fungal extracts

- Enhances the rumen environment and health to improve digestive performance following antibiotic treatment, feed changes, out-of-condition feed and other incidences of environmental stress

Contains live microorganisms with specific digestion function

- Improves rumen function, as well as, total tract digestibility of starch and fiber

Reestablishes beneficial microbial populations

- Crowds out pathogens and improves nutrient absorption

Simple application and research-proven and field-tested for over 25 years

- Can be top-dressed or mixed into total mixed ration (TMR)
- Beneficial microbes improve feed utilization, resulting in improved feed intakes and better milk components.

Microbes are packaged in a state-of-the-art package with low moisture carrier and moisture scavengers

- Guaranteed LIVE product with 12-month shelf life

WHEN TO USE – DIRECTIONS FOR USE

ANIMAL TYPE	WHEN TO FEED	USAGE LEVELS
COWS	14 days before calving to 15 days post calving	1 pound per 25 head
	From 14 to 100 days after calving	1 pound per 50 head
	High groups or complete lactations	1 pound per 50 head
	Other periods of environmental changes	1 pound per 25 head
FEED LOT USE	Shipping/Processing/Change of rations (for 3 days)	1 pound per 25 head
	Continue for 4 more weeks	1 pound per 50 head
	Other periods of environmental challenges	1 pound per 25 head

RESEARCH

Microbial protein, % relative to control

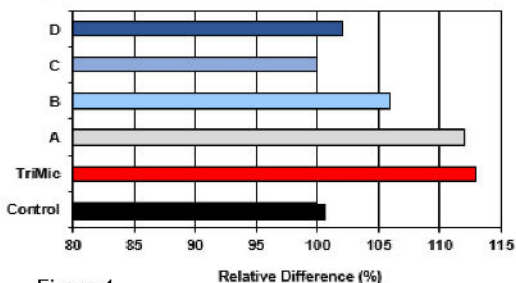


Figure 1

Volatile Fatty Acid, % relative to control

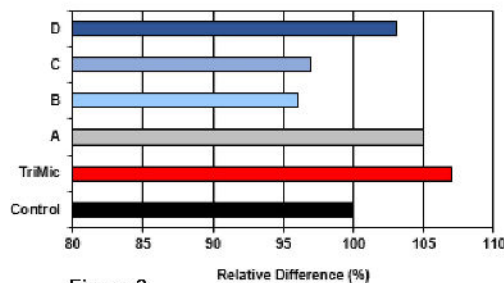


Figure 2

PROTEIN UTILIZATION:

Figure 1. Tri-Mic 1:50 has been shown to improve microbial protein yield by up to 13%, increasing microbial protein outflow from the rumen and reducing the need for expensive synthetic amino acids to balance rations.

ENERGY UTILIZATION:

Figure 2. Tri-Mic 1:50 has demonstrated increased VFAs, which supplies 70-80% of the cow's energy needs.



Granular Formulation

AVAILABLE PACKAGE SIZES

4 lb. bag
Case = 8 bags

20 lb. bag
Pallet = 100 bags (1 ton)

STORAGE

Store in a cool, dry area for maximum stability
Avoid leaving open for extended periods of time

MANUFACTURED FOR

Select Sires Inc.
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