

# DAIRY PROGRAM



## NutraMaxx

*A Liquid Supplement that Supports  
Better Rumen Fermentation.*

# NutraMaxx

## *Animal Nutrition*

NutraMaxx Dairy supports improved rumen fermentation and animal response at a relatively low inclusion rate in the ration. Research shows NutraMaxx provides an enhancement in microbial growth and microbial efficiency as well as an improvement in fiber and carbohydrate digestion. NutraMaxx's unique and patented formula enhances rumen fermentation and helps the cows get more from your feed.

### **Key NutraMaxx Benefits**

- Improved Utilization of Both Forage and Grain
- Lower Feed Costs
- Improved Transition Periods
- Better Herd Health

### **Key NutraMaxx Additional Benefits**

- Lower MUN Levels
- Less Sorting and Refusal = Less Waste
- Increase DM Intake During Transition
- Uniform Manure, Less Nutrient Loss
- Lower Cull Rate from Healthier Cows
- Maintain Production in Times of Stress
- Increased Production Over Lactation Cycle
- Fewer DAs, Acidotic or Lame Cows

# Research Results

**+29%**

**Dietary Protein  
Digestion**

Resulting in a significant reduction in the need for by-pass protein in the ration

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**+23%**

**Increase in  
Microbial Protein**

Lower ration cost and less need for supplemental protein

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**+39%**

**Increase in  
Microbial Efficiency**

Better return on energy fed in the ration

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**24%**

**Lower Risk of  
Acidosis**

Due to coupled fermentation and higher rumen fermentation efficiency, there was a 24% lower risk of acidosis

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**+8%**

**Microbial Fiber  
Digestibility**

When feeding 2lbs. of liquid NutraMaxx per head per day, less grain and protein are needed in the ration.

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**+**

**Increased Microbial  
Ruminal Acetate  
Production**

Higher Butterfat Levels

*Source: Dr. Charles Sniffen, Tammy K. Miller Webster,  
Rumen Fermentation Profiling Lab, West Virginia University*

# *Feeding Directions*

## **1) Dry Cows:**

1 lb. / head / day

## **2) Pre-fresh Period:**

2 lbs. / head / day for smoother transition periods and better feed intake

## **3) Lactating Cows:**

2 lbs. / head / day

- A) just ration crude protein to original status.
- B) Remove Counter-productive ingredients, i.e. liquid vegetable fats, tallow, ionophores, by-pass fat.
- C) Day 1-14 watch for changes in MUNs, manure and DMI. Then reduce ration crude protein, while maintaining 2 lbs. NutraMaxx according to recommended guidelines.

## **Feeding Methods**

- Incorporate into your Grain Mix
- Blend into a TMR
- Top Dress
- Feed Free Choice - Lick Tanks