


## Company Information

Bio-Vet was founded in 1991 as a manufacturer and marketer of direct fed microbial (probiotic) and nutritional products.

We back our line of microbial and nutritional products with sound technology and our reputation. Our quality products consistently work well and are proven through trials and research.

Bio-Vet has shown exceptional, steady growth since its inception. It is a reflection of our commitment to producing top quality products for our customers.



**Capsule-In-A-Capsule™**  
Assures Contained  
Beneficial Microbials  
Are Separate From  
Beneficial Nutritional  
Components.

In 1994, Bio-Vet received its first patent (US #5,310,555) for a capsule-in-a-capsule™ packaging system for microbial, nutritional combinations. A subsequent patent (US # 5,501,857) was received in 1996. Bio-Vet is a leader in using different combinations of bacteria to improve animal health and productivity.

Today, Bio-Vet offers a broad line of livestock products for cattle, horses, poultry and swine, which is expanding as new technology in the direct fed microbial industry becomes available. From gels to powders, we have them all, securely and professionally packaged.

Our goals include offering producers viable alternatives to drugs in the face of continued pressure from consumers for a safer food supply and help producers better comply with changing policy such as the Quality Assurance Programs.

**Microbial Innovation For The  
Millennium And Beyond...**

For More Information Please Visit Us At  
[www.bio-vet.com](http://www.bio-vet.com)

BC100 0705

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## Featured Products

Products, marketing and packaging reflect Bio-Vet's commitment to produce effective and consistent nutritional / microbial supplements. Bio-Vet products and programs are unique to animal production. Our focus is maximizing digestive tract efficiency and animal health.

Bio-Vet products offer the best results when used as part of a complete management program. Capsules, gels, drenches, electrolytes, milk additives, and daily fed products for mixing in the feed provide versatility to fit existing management and health programs.

Brand names include:

- **GENERATOR™ ELITE** Direct Fed Microbial
- **RumenAider®** Cattle Capsules
- **CAL-D™ CAPS** Calcium Capsules
- **CATOLYTE™**
- **Bovine GoldLyte®**
- **PYCK-ME-UP™**
- **CaVEN TIME™**
- **GENER-CAP™** Capsules For Calves
- **PectiLyte™**
- **Pecti-Cap™**
- **GENER-LYTE™** and others...

### Research, Development And Quality Control

- Research and technical reports support product benefits.
- University, independent and industry research offer third party validation of microbial concepts.
- Stability testing and specialized packaging to assure product quality and effectiveness.

### Sales And Marketing

- A highly trained professional sales staff to advise and consult producers and distributors.
- Excellent customer service.
- A Web site that contains product labels and descriptions for easy download.
- Products are sold through animal health professionals, veterinarians, animal nutritionists and trained dedicated distributors.

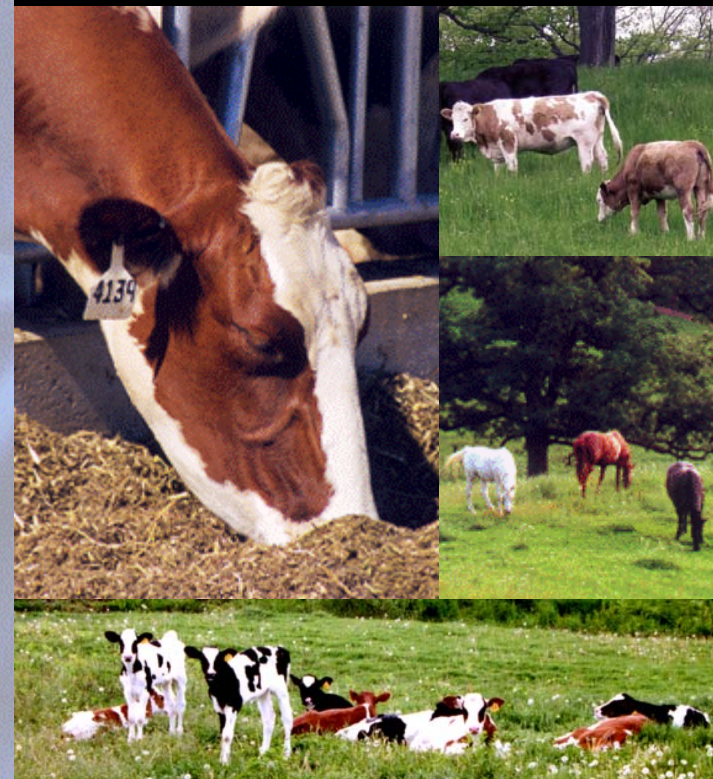
Technical support and service is offered through a trained professional staff which is available to answer technical questions regarding products and their benefits for livestock production. Bio-Vet trains those who distribute and sell our products so they are able to assist their customers with the correct technical information and recommendations.

Bio-Vet provides recommended programs to help you best utilize microbial and nutritional products and programs for each individual livestock operation. We strive to educate producers about microbial concepts and the health and efficiency benefits they offer.  
**Bio-Vet's reputation is manufacturing products that work!**

# BIO® VET



## Direct Fed Microbials And Nutritional Supportives That Work!



Order Toll Free at 1-800-246-8381

Visit us online at [www.bio-vet.com](http://www.bio-vet.com)

# RumenAider® & CAL-D CAPS™

*Simple, Pro-Active, Effective*

Combine RumenAider® Capsules With CAL-D CAPS™ To Give Fresh Cows A Good Start From Day One



## RumenAider® Cattle Capsules Capsule-in-a-Capsule

- Appetite Support
- Microbials
- Vitamins, Micro Nutrients
- Aid Ketotic / Metabolic Complex

## CAL-D CAPS™ Calcium Capsules

- 5 Forms Of Rapid And Sustained Calcium
- Vitamin D3 For Calcium Utilization
- Use As A Preventive Aid For Milk Fever



### After Calving

1 RumenAider® + 4 CAL-D™ CAPS

### 12 Hours Later

1 RumenAider® + 4 CAL-D™ CAPS

### Days 2 & 3

1 RumenAider® Daily (As Needed)

## Bio-Vet Gel Tubes

### OFF FEED & STRESSED CATTLE

**GENER-GEL™ Bovine Pro55** - Microbial / Vitamin / Enzyme Paste  
55 B.C.F.U. / 15 ml - Propionibacteria & Vitamin E

**GENER™ Microbial Paste** - Microbial / Vitamin / Enzyme  
25 B.C.F.U. / 15 ml - Vitamin E

### OFF FEED & STRESSED HORSES

**GENER-GEL™ Equine** - Microbial / Enzyme / Biotin Paste  
- 20 B.C.F.U. / 10 ml

## Cattle Drenches

### FRESH COW - Calcium Drenches

**PYCK-ME-UP™** - Aids Ketosis & Milk Fever- 6 Sources Of Calcium  
**CaVEN TiME™** - Smooth Calcium Drinkable Drench - 6 Sources Of Calcium

### DEHYDRATED AND STRESSED CATTLE

**CATOLYTE™** - Electrolyte / Nutritional / Microbial Drench For Off Feed & Stressed Cattle - High Potency

**Bovine GoldLyte®** - Electrolyte / Nutritional Supplement - Stock Tank And Drench

# GENERATOR™ ELITE DIRECT FED MICROBIAL

## Benefits

- Utilizes Lactic Acid In The Rumen (Lactic Acid Buildup Can Lead To Reduced Rumen pH And Rumen Acidosis)
- Feed Utilization (Digestive Efficiency)
- Aids Ration Transition
- Maintain Intake And Production During Heat Stress



## One Product For All Stages Of Production!

	Transition Cows	Regular Rate	Economy / Grower
<b>Feeding Rate</b>	1 oz. / Head / Day (1 lb. per 16 head)	1/2 oz. / Head / Day (1 lb. per 32 head)	1/4 oz. / Head / Day (1 lb. per 64 head)
<b>Total CFU / Day</b>	106.5 Billion	53.25 Billion	26.625 Billion

Packaging: 10 Lb. Pouches, 50 Lb. Bags, And By The Ton - (40 x 50 Lb. bags)



## What Do Direct Fed Microbials Do?

Direct Fed Microbial products contain microorganisms that improve ration utilization, animal performance, and general well being of an animal when given or fed.

**Propionibacteria: (Must be alive and viable in the rumen to provide benefits).** These rumen specific bacteria perform numerous beneficial functions. Strains selected for Bio-Vet products are especially efficient at utilizing lactic acid within the rumen (improve pH), converting rumen nitrate and nitrite to harmless nitrogen and improve the intake and feed utilization of ruminants fed poor quality fiber sources such as mature forages.

**Lactic Acid Producing Bacteria: (Must be alive and viable in the digestive tract to provide benefits).** These bacteria control the environment in the animal's lower digestive tract. They produce acid that controls pH, colonize on the intestinal wall and enhance or inhibit other organisms.

**Enzyme Producing Cultures:** Enzymes, produced by these organisms, break down starches, protein and fiber (among others) in feeds so the animal can more easily utilize them for milk, growth or body maintenance.

**Fungal and Yeast Cultures:** These organisms increase activity of fiber digesting organisms in the digestive tract and lactic acid utilizing bacteria within the rumen. Animals fed these organisms have also been shown to maintain body temperature and appetite during heat stress.

## Why Use Direct Fed Microbials?

1. Optimize the microbial efficiency and balance of the digestive tract.
2. Increase dry matter intake.
3. Maximize ration utilization by the digestive system.
4. Increase growth rates.
5. Reduce intestinal upsets.
6. Re-establish normal intestinal microbes during and following antibiotic therapy.
7. Reduce impact of heat stress.
8. Improve your bottom line.