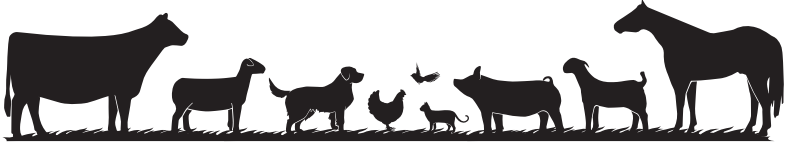




CARE THAT COMES FULL CIRCLE



**BIOZYME<sup>®</sup>**

FOR EVERYTHING YOU CARE ABOUT



PRODUCT  
**GUIDE**



## GET TO KNOW OUR COMPANIES

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### ABOUT BIOZYME

BioZyme® Inc., headquartered in Saint Joseph, MO, has been in the animal health and nutrition business for more than 70 years. We specialize in producing fermented products, like AO-Biotics® Amaferm®, as well as offering a complete line of supplements for cattle, horses, dogs, cats, sheep, goats, pigs and chickens.

We strive to be an innovative, high growth business that provides solutions to benefit the sustainability of our customers and stakeholders.

We aim to utilize mutually beneficial partnerships for consistent expansion of our domestic reach of safe, effective animal supplements, while striving to become a leading global provider of biotechnologies, utilizing “Care that Comes Full Circle” as the guide.

While Care that Comes Full Circle is used to express how we feel about the animals we serve, it doesn't stop there. We feel the same about our BioZyme family, and you are part of our family. As a family we aim to incorporate this care in all that we do.

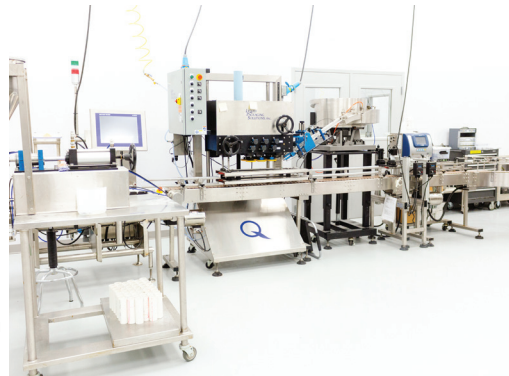


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### ABOUT COGENT

Founded in 2005 and acquired by BioZyme in 2018, Cogent Solutions Group, located in Lexington, KY, is a leader in polysaccharide ingredient development and supplement manufacturing. We deliver the highest level of customer satisfaction with our products and service in a responsible and ethical manner.

We believe people and animals deserve effective supplements with high-quality, patented ingredients and excellent results.





## OUR PROPRIETARY INGREDIENTS

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**AO-Biotics® Amaferm®** is a prebiotic research-proven to enhance digestibility. Amaferm® can be found in nearly all of BioZyme's animal health and nutrition products. To learn more about Amaferm®, visit [www.aobiotics.com](http://www.aobiotics.com).



**MHB3® Hyaluronan** is a high molecular weight hyaluronic acid (HA) patented and proven for the support of GI tissue integrity, joint, and bone health. MHB3® can be found in a collection of BioZyme's animal health products.



**AO-Biotics® EQE** is the **first-and-only** AO postbiotic developed specifically for layers. Built on BioZyme's 60+ years of *Aspergillus oryzae* (AO) fermentation expertise to offer products that enhance animal health, welfare and productivity. AO-Biotics EQE® can be found within the Backyard Boost brand of products.

# VitaFerm® REPRO<sup>+</sup>MAXX®

VERIFIED  
Z  
ZINPRO®

## MAXIMIZE REPRODUCTIVE SUCCESS

VitaFerm® is a line of nutritional supplements for beef cattle that maximize energy and forage utilization for successful production. VitaFerm® ReproMaxx® products provide high vitamin and mineral fortification and research-proven components to take reproductive success to the MAXX.

### WHEN SHOULD I USE VITAFERM® REPROMAXX™?

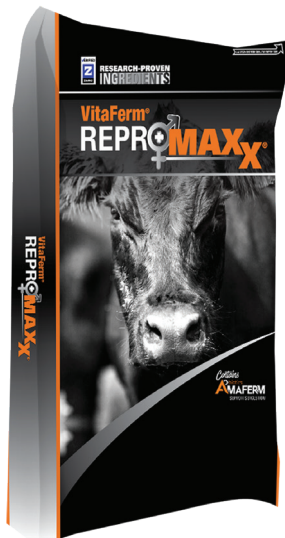
- Within intensive reproductive systems and when highest intensity of nutrition is needed.
- When using advanced reproductive technologies extensively.
- When striving to maximize genetic potential.

### AVAILABLE FORMULAS

- VitaFerm® ReproMaxx™, 50 lb. bag
- VitaFerm® ReproMaxx™ CTC 3G, 50 lb. bag
- VitaFerm® ReproMaxx™ HEAT®, 50 lb. bag



Learn more at [www.vitaferm.com](http://www.vitaferm.com)



Qualifies for the Superior Livestock value-added nutrition program.



# VitaFerm® Concept•Aid®

## EFFECTIVE • EASY • BREEDING

VitaFerm® is a line of nutritional supplements for beef cattle that maximize energy and forage utilization for successful production. VitaFerm® Concept•Aid® is specially formulated to promote effective, easy breeding when fed 60 days pre-calving through 60 days post-breeding.

### WHEN SHOULD I USE VITAFERM® CONCEPT•AID®?

- When reproductive success is paramount.
- Anytime advanced reproductive technologies are relied upon.

### AVAILABLE FORMULAS

- Concept•Aid® Balancer, no phosphorus, *50 lb. bag*
- Concept•Aid® 5/S, 5% phosphorus, *50 lb. bag*
- Concept•Aid® 5/S HEAT®, 5% phosphorus, *50 lb. bag*
- Concept•Aid® 5/S HEAT® CTC 3G, 5% phosphorus, *50 lb. bag*
- Concept•Aid® 5/S HEAT® with ClariFly®, 5% phosphorus, *50 lb. bag*
- Concept•Aid® 5/S CTC 3G, 5% phosphorus, *50 lb. bag*
- Concept•Aid® 5/S with ClariFly®, 5% phosphorus, *50 lb. bag*
- Concept•Aid® 5/S CTC 3G with ClariFly®, 5% phosphorus, *50 lb. bag*
- Concept•Aid® 5/S MOS, 5% phosphorus, *50 lb. bag*
- Concept•Aid® Mag/S, 5% phosphorus, *50 lb. bag*
- Concept•Aid® 8/S, 8% phosphorus, *50 lb. bag*
- Concept•Aid® Mineral Tub, 2.5% phosphorus, *200 lb. tub*
- Concept•Aid® Protein Meal, 20% protein, *50 lb. bag*
- Concept•Aid® Protein Tub, 20% protein, *200 lb. tub*
- Concept•Aid® Protein Tub with ClariFly®, *200 lb. tub*



Learn more at [www.vitaferm.com](http://www.vitaferm.com)



Qualifies for the Superior Livestock value-added nutrition program.





## ONE SOLUTION FOR ALL SEASONS

VitaFerm® is a line of nutritional supplements for beef cattle that maximize energy and forage utilization for successful production. VitaFerm® ONE provides one solution to conveniently and consistently promote cattle performance in all seasons.

### WHEN SHOULD I USE VITAFERM® ONE?

- When you prefer the ease of having a single mineral that delivers performance throughout the production cycle.
- Year-round.



### AVAILABLE FORMULAS

- VitaFerm® ONE, 50 lb. bag
- VitaFerm® ONE HEAT®, 50 lb. bag
- VitaFerm® ONE HEAT® with ClariFly®, 50 lb. bag
- VitaFerm® ONE CTC 3G, 50 lb. bag
- VitaFerm® ONE HEAT® CTC 3G with ClariFly®, 50 lb. bag
- VitaFerm® ONE Mag, 50 lb. bag
- VitaFerm® ONE HEAT® Mineral Tub, 200 lb. tub



Qualifies for the Superior Livestock value-added nutrition program.



Learn more at [www.vitaferm.com](http://www.vitaferm.com)

# **ONSERVE<sup>®</sup>**

## CUT COST, NOT PERFORMANCE

VitaFerm<sup>®</sup> is a line of nutritional supplements for beef cattle that maximize energy and forage utilization for successful production. VitaFerm Conserve<sup>®</sup> is specially formulated to support the health and performance of the whole herd while conserving supplementation cost.

### WHEN SHOULD I USE VITAFERM CONSERVE?

- When you want the added performance benefits of AO-Biotics<sup>®</sup> Amaferm<sup>®</sup> while also conserving spending.
- During idle periods when nutritional requirements are lowest.

### AVAILABLE FORMULAS

- VitaFerm Conserve<sup>®</sup>, 50 lb. bag
- VitaFerm Conserve<sup>®</sup> MOS, 50 lb. bag
- VitaFerm Conserve<sup>®</sup> CTC 3G, 50 lb. bag
- VitaFerm Conserve<sup>®</sup> Garlic, 50 lb. bag
- VitaFerm Conserve<sup>®</sup> Protein Meal, 40 lb. bag
- VitaFerm Conserve<sup>®</sup> Protein Tub, 200 lb. tub
- VitaFerm Conserve<sup>®</sup> 30-13% Protein Tub, 200 lb. tub



Qualifies for the Superior Livestock value-added nutrition program.

Learn more at [www.vitaferm.com](http://www.vitaferm.com)



# VitaFerm® SURE START



## VITAFERM® SURE START GEL

A gel specifically formulated for calves designed to support immune function and overall health during the critical post-birth period. *30 mL*

### SUPPORTS DIGESTION

Contains AO-Biotics® Amaferm®, a prebiotic research-proven to support digestibility by stimulating beneficial microbes.

### BOOSTS IMMUNE FUNCTION

Delivers IgY antibodies derived from Salmonella, E. coli, bovine rotavirus, bovine coronavirus, Cryptosporidium, and Clostridium and MOS for broad support of the immune system.

### MAXIMIZES CALF VIGOR

Provides nutritional support to maximize calf vigor.

Learn more at [www.vitaferm.com](http://www.vitaferm.com)





## LEGENDARY NUTRITION

Four Sixes™ x VitaFerm® offers legendary nutrition supplements for beef cattle that are ranch-tested and research-proven to support the health and productivity of resilient commercial cattle herds.

### FOUR SIXES™ X VITAFERM® LEGENDARY NUTRITION PROTEIN TUB

A ranch-tested 20% all-natural protein tub with vitamins and minerals designed to support beef cattle health and productivity when grazing moderate to low quality forage. 200 lb. tub



Qualifies for the Superior Livestock value-added nutrition program.



Learn more at [www.vitaferm.com](http://www.vitaferm.com)





## HEALTHY. EFFICIENT. POUNDS.

Gain Smart® is a line of vitamin and mineral supplements for stocker cattle that promotes healthy, economical pounds.

### THE GAIN SMART® PROGRAM



**STEP 1**  
VITAFERM® CATTLE DRENCH

**STEP 2**  
VITAFERM® STRESS TUB

**STEP 3**  
Choose one of the following options for maximum gain on grass pasture, wheat or high grain diets.

#### GAIN SMART® STOCKER

A free-choice vitamin and mineral supplement for stocker cattle designed to maximize efficient gain.

Also available with HEAT® technology for use when temperatures are above 70° Fahrenheit.

50 lb. bag

#### GAIN SMART® WHEAT

A free-choice vitamin and mineral supplement for stocker cattle designed to maximize efficient gain on wheat or small grain pasture. 50 lb. bag

#### GAIN SMART® BALANCER RU1600

A vitamin and mineral supplement for stocker cattle with rumensin designed to maximize efficient gain and balance high grain diets when mixing TMR rations.

50 lb. bag and tote



Qualifies for the Superior Livestock value-added nutrition program.



Learn more at [www.gainsmart.com](http://www.gainsmart.com)

# VITAFERM<sup>®</sup> WITH VitaCharge<sup>®</sup> TECHNOLOGY

VitaFerm<sup>®</sup> products with VitaCharge<sup>®</sup> technology offer support before, during and after times of stress.



## VITAFERM<sup>®</sup> CATTLE DRENCH

A drench for cattle designed to support digestive health before, during and after challenges. *5 liter jug*



## VITAFERM<sup>®</sup> STRESS TUB

A tub for cattle designed to support digestive health and intake. *50 and 200 lb. tub*

Also available with HEAT<sup>®</sup> technology for use when temperatures are above 70° Fahrenheit. *50 lb. tub*



Learn more at [www.vitaferm.com](http://www.vitaferm.com)



# DURAFERM®

## STRENGTHEN YOUR STOCK

DuraFerm® is a line of nutritional supplements for sheep and goats that supports optimal digestion and nutrition for maximized performance at every stage of production.

### CONCEPT•AID® SHEEP

Free-choice or protein tub vitamin and mineral supplements for sheep designed to support reproductive success. Also available with **HEAT**® technology for use when temperatures are above 70° Fahrenheit.

### CONCEPT•AID® GOAT

Free-choice or protein tub vitamin and mineral supplements for goats designed to support reproductive success.

### WHEN SHOULD I USE CONCEPT•AID® SHEEP OR GOAT?

Feed 30 days pre-lambing through 30 days post-breeding to support reproduction, cycling, and breed back.

### AVAILABLE FORMULAS

- Concept•Aid® Sheep, 50 lb. bag and 12lb. bag
- Concept•Aid® **HEAT**® Sheep, 50 lb. bag
- Concept•Aid® Sheep Protein Tub, 125 lb. tub
- Concept•Aid® Goat, 50 lb. bag and 12lb. bag
- Concept•Aid® Goat Protein Tub, 50 lb. tub



# DURAFERM<sup>®</sup> one

## ONE SHEEP

A free choice vitamin and mineral supplement for sheep designed to promote performance year-round.

## WHEN SHOULD I USE ONE SHEEP?

- When you prefer the ease of having a single mineral that delivers performance throughout the production cycle.
- Year-round.

## AVAILABLE FORMULAS

- ONE Sheep, *50 lb. bag*



Learn more at [www.duraferm.com](http://www.duraferm.com)



# SURE•CHAMP®

## PREP TO WIN

Sure Champ® is a line of products that supports the health and well-being of show livestock.



### SURE CHAMP® CATTLE

A pelleted, daily supplement with protein, vitamins and minerals for show cattle designed to support performance. *50 lb. bag*



### SURE CHAMP® RATION BUILDER

A pelleted base mix for cattle with 32% protein along with vitamins and minerals for diet fortification. *50 lb. bag*



### SURE CHAMP® EXTREME WITH CLARIFLY®

A pelleted daily supplement for show livestock with ClariFly® designed to support hoof health, hair coat and performance when temperatures are above 70° Fahrenheit. *25 lb. and 40 lb. bag*



### SURE CHAMP® JOINT JUICE

A liquid product for show livestock designed to support joint health utilizing patented technology. *64 fl. oz. and 1 gal. jug with pump*

Learn more at [www.surechamp.com](http://www.surechamp.com)



# SURE•CHAMP®

WITH **VitaCharge®** TECHNOLOGY

Sure Champ® products with VitaCharge® technology are fast acting, multi-specie livestock products for support before, during and after times of stress.



## SURE CHAMP® LIQUID BOOST®

A liquid for all livestock designed to provide immediate support to the animal's digestive and immune system. *32 fl. oz. and 2.5 gal.*



## SURE CHAMP® CATTLE DRENCH

A drench for cattle designed to support digestive health before, during and after challenges. *32 fl. oz.*



## SURE CHAMP® APPETITE PLUS® GEL

A gel for all livestock designed to provide immediate support to the animal's digestive and immune system. *60 mL and 300 mL*



## SURE CHAMP® CLIMATE CONTROL GEL

A gel for all livestock designed to support digestive health and recovery when temperatures are above 70° Fahrenheit. *60 mL*



## SURE CHAMP® CLENCH GEL

A gel for all livestock designed to support normal digestive function during occasional diarrhea/scours. *30 mL*

# VITALIZE®

## A GOOD GUT FEELING

Vitalize® is a line of products for horses, dogs and cats with proven solutions to keep your animal healthy and performing.



### VITALIZE® EQUINE GEL

A prebiotic and nutrient-rich gel for horses designed to give immediate support to the digestive and immune system. *30 mL*



### VITALIZE® ALIMEND®

A liquid product for horses designed to support gastric health and GI tissue, which may relieve occasional gastric issues commonly associated with training, traveling and performance. *64 fl. oz. and 1 gallon bottle with pump*



### VITALIZE® BLAZIN'

A liquid product for horses designed to support normal recovery from heat stress and exertion. *32 fl. oz. and 64 fl. oz. bottle with pump*



### VITALIZE® HYALURONEX® JOINT

A liquid product for horses designed to support sustainable soundness using hyaluronic acid and antioxidants. *64 fl. oz. and 1 gal. bottle with pump*



### VITALIZE® GUT GOODIES

A low-sugar, prebiotic treat for horses. *4 lb. bag*

Learn more at [www.vitalizeeq.com](http://www.vitalizeeq.com)





### **VITALIZE® EQUINE DIGEST MORE® PLUS**

A pelleted supplement for horses designed to support hindgut health and digestion of nutrients as well as hoof and coat health. *10 lb. and 40 lb. bag*

## **FULLY FORTIFIED WITH VITAMINS AND MINERALS**

The following products are fully fortified with vitamins and minerals for complete nutritional and digestive health of the horse.



### **VITALIZE® EQUINE VITAMIN & MINERAL SUPPLEMENT**

A highly-fortified, loose vitamin and mineral supplement for horses designed to support nutritional and digestive health. *12 lb. and 50 lb. bag*



### **VITALIZE® EQUINE PROTEIN PELLET**

A pelleted, natural protein supplement for horses, highly fortified with vitamins and minerals. *40 lb. bag*

### **VITALIZE® EQUINE HIGH PERFORMANCE**

A pelleted supplement highly fortified with vitamins and minerals designed to support the nutritional needs of performance horses. *40 lb. bag*

# VITALIZE<sup>®</sup> Pet

## A GOOD GUT FEELING

Vitalize<sup>®</sup> is a line of products for horses, dogs and cats with proven solutions to keep your animal healthy and performing.



### VITALIZE<sup>®</sup> DOG GEL

A prebiotic and nutrient-rich gel for dogs designed to give immediate support to the digestive and immune system. *15 mL*



### VITALIZE<sup>®</sup> ALIMEND<sup>®</sup> K9

A liquid product for dogs designed to support gastric health and GI tissue and which may relieve occasional gastric issues.

*6 fl. oz. bottle with pump*



### VITALIZE<sup>®</sup> DOG

A granular vitamin and mineral supplement for dogs designed to support breeding and performance. *1 lb. jar and 40 lb. bucket*





### VITALIZE® TRIxSYN® CANINE

A liquid product for dogs designed to support joint health using hyaluronic acid. *6 fl. oz. bottle with pump*



### VITALIZE® TRIxSYN® CANINE PERFORMANCE

A liquid product for dogs designed to support total mobility utilizing hyaluronic acid and astaxanthin. *6 fl. oz. bottle with pump*



### VITALIZE® TRIxSYN® FELINE

A liquid product for cats designed to support joint health using hyaluronic acid. *2 fl. oz. bottle with dosing syringe*

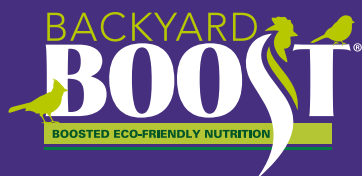


### COUNTRY VET NATURALS DOG FOOD

A highly digestible natural dog food that contains 30% protein and 20% fat which means higher Kcal per cup to support the energy needed to perform at the highest level. All formulas contain AO-Biotics® Amaferm®. *Formulas available through BioZyme include Healthy Diet and Active Athlete. 35 lb. bag*



Learn more at [www.vitalizek9.com](http://www.vitalizek9.com)



## BOOSTED ECO-FRIENDLY NUTRITION

Backyard Boost® is a line of products purposefully crafted with proprietary ingredients to support the well-being of birds.



### BACKYARD BOOST® DAILY ESSENTIALS

A pelleted protein supplement for poultry designed to maximize digestibility and egg production. *2.5 lb. bag*



### BACKYARD BOOST® DEFENSE

A liquid supplement for poultry designed to support digestion and a healthy immune response. *8 fl. oz. bottle*



Learn more at [www.backyardboost.co/](http://www.backyardboost.co/)



# BAXYL®

## HUMAN PRODUCTS



### BAXYL®

Delivers patented and proven ingredients to support and promote joint, bone, skin and eye health. Baxyl® is a natural hyaluronic acid supplement that is bioidentical to the HA naturally produced by the body. The oral, liquid formulation allows for quick absorption and maximum efficacy.

*6 fl. oz. bottle with pump*



### BAXYL® SPORT

Baxyl® Sport provides the same high quality MHB3® Hyaluronan concentration as the original joint formula, but pairs it with the powerful benefits of astaxanthin. This added antioxidant assists in soft tissue health and muscular recuperation.

*6 fl. oz. bottle with pump*



### BAXYL® GI

Baxyl® GI targets the source of stomach discomfort and is formulated specifically for gut health and digestive support. Now with added Lion's Mane Extract that is rich in beta glucan content to support enhanced gastroprotection and further encourage the growth of good gut bacteria with prebiotic fiber. Baxyl® GI also combines the soothing, gastric benefits of MHB3® Hyaluronan and the proven precision prebiotic AO-Biotics to ease stomach discomfort all while promoting healthy stomach pH and digestion.

*6 fl. oz. bottle with pump*

Learn more at [www.cogentsolutionsgroup.com](http://www.cogentsolutionsgroup.com)



# HYAGLO®

## HUMAN SKIN PRODUCTS



### HYAGLO® CLARIFYING SERUM

Designed to naturally address occasional skin irritations. A revolutionary formula that combines the benefits of the beta glucan schizophyllan to relieve and restore, with hyaluronic acid to rejuvenate and soothe.

*1 fl. oz. bottle*



### HYAGLO® FACIAL MIST

Infused with cucumber and hyaluronic acid for a quick hydration boost with skin soothing properties. *4 fl. oz. bottle.*



### HYAGLO® HYDRATING SERUM

This concentrated hyaluronic acid serum replenishes skin hydration resulting in plump, glowing and noticeably smoother skin. *1 fl. oz. bottle*



### HYAGLO® MOISTURIZER

This moisturizer is designed to enhance hydration and soothe skin. Enriched with hyaluronic acid and peptides for long lasting smooth, supple skin. Our moisturizer is uniquely and naturally water-based to eliminate the need for chemical manipulation. *2 fl. oz. bottle*



# THE BIOZYME DIFFERENCE



Products must pass comprehensive third-party audits, pass random independent product testing, and maintain ongoing rigorous NASC quality standards.

The Clean Sport seal provides reassurance that select products have been tested and cleared by a third-party laboratory indicating they are compliant with common competition rules and regulations.



All of our products include fermented technologies backed by 60+ years of published research and 150+ university and clinical studies.

Our facility is an ionophore-free, closed production system, and certified SFSF / cGMP / HAACP to ensure safe, accurate product.



BioZyme Incorporated was awarded the 2024 American Feed Industry Association (AFIA) Feed Facility of the Year. This prestigious award is presented annually to a facility demonstrating an outstanding commitment to quality, safety, productivity, regulatory compliance, employee development and customer relations.



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