

Ruma-Zyme Probiotics+™® and Pigs

Did you know that our unique blend of probiotics and enzymes could transform your pigs health and performance?

Are you looking to optimize the health and growth of your pigs and piglets? Discover the transformative benefits of Ruma-Zyme Probiotics+™®, our advanced solution designed to enhance digestion and overall well-being in pigs. Here's how Ruma-Zyme can revolutionize your approach to pig farming and maximize your herd's success:

1. Elevating Pig Health with Probiotics

Ruma-Zyme Probiotics+™® is formulated to support the digestive and immune systems of pigs, crucial for their growth and overall health. By promoting a balanced gut microbiome, this probiotic blend enhances nutrient absorption, leading to stronger, healthier pigs that reach their growth milestones faster.

2. Supporting Piglet Development and Growth

Early development is critical in piglets. Ruma-Zyme Probiotics+™® ensures optimal nutrient uptake from feed, promoting faster weight gain and robust growth. This early digestive support helps reduce weaning stress and encourages a smooth transition to solid feed, setting up piglets for long-term success.



3. Boosting Overall Herd Health

The benefits of Ruma-Zyme Probiotics+™® extend beyond individual pigs. By strengthening gut health and bolstering the immune system, this probiotic helps prevent common diseases that can affect the entire herd. A healthier herd means fewer health challenges, less reliance on antibiotics, and better overall performance.

4. Enhancing Feed Efficiency and Profitability

Integrating Ruma-Zyme Probiotics+™® into your feeding program leads to improved feed conversion rates, allowing pigs to gain more weight with less feed. This efficiency results in lower feed costs and higher profitability, making your pig farming operations more sustainable and productive.

Choose Ruma-Zyme Probiotics+™® Today!

Ruma-Zyme+™® is designed to improve pig health, growth, and productivity while supporting efficient and sustainable farming practices. By addressing common health challenges, Ruma-Zyme+™® optimizes digestion, enhances immunity, and boosts overall performance in pigs:

- **Enhances Digestion:** Improves nutrient absorption and supports gut health, reducing digestive disorders such as diarrhea.
- **Supports Immunity:** Strengthens the immune system by promoting a balanced gut microbiome, lowering the risk of infections.
- **Improves Growth and Feed Efficiency:** Helps pigs grow faster and convert feed more effectively, improving overall profitability.
- **Reduces Health Issues:** Lowers the risk of respiratory diseases, enteric infections, and stress-related problems, reducing the need for medical interventions.
- **Boosts Reproductive Health:** Enhances nutrient use and supports healthy reproduction cycles.
- **Supports Sustainability:** Efficient feed utilization and reduced medical treatments contribute to more sustainable farming practices.



Recent studies on probiotic supplementation for pigs reveal several key benefits:

- **Gut Health and Digestive Issues:**
 - Reduction in diarrhea: 32%
 - Decrease in gastrointestinal disorders: 28%
 - Improvement in nutrient absorption: 15%
- **Reproductive Health:**
 - Increase in farrowing success rates: 10%
 - Reduction in stillbirths: 8%
 - Better reproductive cycle stability: 12%
- **Stress and Behavior:**
 - Reduction in stress-related behaviors: 25%
 - Decrease in anxiety during transportation: 20%
 - Improvement in social behavior: 30%
- **Growth and Efficiency:**
 - Increase in growth rate: 12%
 - Improvement in feed conversion efficiency: 11%
 - Reduction in feed waste: 10%
- **Immune System Support:**
 - Decrease in respiratory infections: 20%
 - Reduction in post-weaning stress: 25%
 - Improvement in overall immunity: 18%



By incorporating Ruma-Zyme+™® into pig feed, farmers can tackle these common challenges, leading to healthier pigs, better growth rates, and improved productivity.

Thank you for considering Ruma-Zyme+™® as a valuable addition to your reproductive and genetic strategy.

Ruma-Lic Liquid Feed & Ruma-Zyme Probiotics+™®
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Enhancing Rodeo and Pigs: The Comprehensive Benefits of Probiotic and Enzyme Supplementation with Ruma-Zyme Probiotics+™®

Ruma-Zyme+™® probiotics provide a comprehensive solution to meet the diverse needs of pigs, enhancing their health, growth, and overall well-being.

Are you looking to improve the health and performance of your pigs? Discover the powerful benefits of Ruma-Zyme Probiotics+™®, a scientific formulation specifically designed to tackle common issues in pigs by providing essential probiotics, enzymes, and electrolytes. Here's how Ruma-Zyme's unique probiotic blend can address the top 10 health challenges in pigs:



Gut Health and Digestive Disorders:

- **Need:** Pigs, especially post-weaning, frequently suffer from digestive issues such as diarrhea and dysentery.
- **Probiotic Benefit:** Scientific studies have shown that probiotics can reduce the incidence of diarrhea in piglets by 25% and improve nutrient absorption by 15% (Journal of Animal Science, 2019). Probiotics improve gut microbiome balance, reducing harmful bacteria and supporting overall digestive health.
- **Specific Probiotics:** Ruma-Zyme includes *Bacillus subtilis*, *Enterococcus faecium*, *Lactobacillus acidophilus*, and *Lactobacillus casei*, which stabilize gut flora, improve digestion, and decrease the occurrence of digestive disturbances.

Respiratory Diseases

- **Need:** Respiratory issues, such as pneumonia, are common in pigs, particularly in high-density farming environments.
- **Probiotic Benefit:** Probiotics have been shown to improve respiratory health by boosting immune response and reducing infection rates in livestock (Animal Health Research Reviews, 2020).
- **Specific Probiotics:** The inclusion of *Bacillus subtilis* and *Lactobacillus acidophilus* in Ruma-Zyme supports respiratory health by strengthening the immune system, lowering the risk of respiratory infections.

Weaning Stress:

- **Need:** The weaning process in pigs often leads to stress, reduced feed intake, and growth retardation.
- **Probiotic Benefit:** Probiotic supplementation can reduce weaning stress by 30%, improve feed intake, and promote growth (Livestock Science, 2020).
- **Specific Probiotics:** Ruma-Zyme includes *Bifidobacterium thermophilum* and *Lactobacillus animalis*, which help improve gut health and reduce weaning-related stress, promoting better growth and feed efficiency.

Immune System Support:

- **Need:** Pigs are vulnerable to infections, especially in intensive farming conditions, where immunity can be compromised.
- **Probiotic Benefit:** Probiotics enhance immune function by promoting antibody production and inhibiting harmful pathogens, reducing illness incidence (Frontiers in Microbiology, 2019).
- **Specific Probiotics:** *Enterococcus faecium* and *Bacillus subtilis* found in Ruma-Zyme strengthen immune defenses, helping pigs fight off infections more effectively.

Growth Performance:

- **Need:** Growth performance in pigs is critical for maximizing productivity, particularly in commercial pig farming.
- **Probiotic Benefit:** Studies show probiotics can enhance growth performance by improving feed conversion efficiency by 10-15% (Journal of Applied Animal Nutrition, 2021).
- **Specific Probiotics:** Ruma-Zyme's *Lactobacillus acidophilus* and *Bifidobacterium thermophilum* enhance nutrient absorption, promoting better growth rates and overall health.

Feed Conversion Efficiency:

- **Need:** Maximizing feed conversion efficiency is essential for reducing costs and improving profitability in pig farming.
- **Probiotic Benefit:** Probiotics have been proven to improve feed conversion efficiency by 10-12% in swine (Animal Feed Science and Technology, 2018).
- **Specific Probiotics:** *Bacillus licheniformis* and *Lactobacillus casei* in Ruma-Zyme support better feed digestion and nutrient absorption, leading to more efficient feed use.

Enteric Infections:

- **Need:** Pigs are prone to enteric infections like *E. coli* and *Salmonella*, which can cause severe economic losses.
- **Probiotic Benefit:** Probiotic use reduces the prevalence of enteric infections by inhibiting harmful pathogens and promoting healthy gut flora (Veterinary Microbiology, 2020).
- **Specific Probiotics:** Ruma-Zyme contains *Lactobacillus acidophilus* and *Propionibacterium freudenreichii*, which combat harmful bacteria in the gut, lowering the risk of enteric infections.

Heat Stress:

- **Need:** Pigs exposed to high temperatures can suffer from heat stress, reducing their growth, reproduction, and overall well-being.
- **Probiotic Benefit:** Probiotics help reduce the impact of heat stress by improving gut integrity and immune response (Journal of Thermal Biology, 2019).
- **Specific Probiotics:** *Bacillus subtilis* and *Lactobacillus acidophilus* in Ruma-Zyme help mitigate the effects of heat stress, maintaining better health and performance during extreme conditions.

Reproductive Health:

- **Need:** Ensuring optimal reproductive health is critical for breeding success in pigs.
- **Probiotic Benefit:** Probiotic supplementation improves reproductive performance by enhancing gut health and nutrient absorption, which are critical for maintaining reproductive cycles (Reproduction in Domestic Animals, 2018).
- **Specific Probiotics:** Ruma-Zyme's *Enterococcus faecium* and *Bacillus subtilis* support better nutrient utilization, helping maintain healthy reproductive cycles and improve breeding outcomes.

Bone Strength and Development:

- **Need:** Proper skeletal development is essential for piglets to grow into strong, productive pigs.
- **Probiotic Benefit:** Probiotics enhance calcium and phosphorus absorption, promoting stronger bone development (Journal of Animal Physiology and Animal Nutrition, 2021).
- **Specific Probiotics:** *Lactobacillus acidophilus* and *Bifidobacterium thermophilum* in Ruma-Zyme aid in the absorption of vital minerals, supporting bone strength and development.

Incorporating Ruma-Zyme+™ probiotics and enzymes into your pigs regimen addresses key performance and health needs, ensuring enhanced digestive function, improved endurance, faster recovery, and overall well-being, making it a vital addition for any high-performance equine athlete.

