Get to know Versazyme®, the animal feed enzyme that’s changing the animal production industry. Find out what more and more animal producers around the world already know: how lowering protein diets with Versazyme® reduce feed costs without compromising animal productivity.

How Does Using Versazyme® Save Me Money?

Here’s How - animal feed is formulated with a source of protein, typically soybean meal. As seen in the chart above, adding Versazyme® in your animal diets allows you to use 1% to 2% less protein, thereby saving feed costs. And as soybean meal prices increase, the value of using Versazyme® also increases. And best of all, you do not have to sacrifice growth performance or feed efficiency to achieve your cost savings goals.

Can Versazyme® Help with Other Protein Sources Besides Soybean?

Yes. Versazyme® is a versatile enzyme that can digest a variety of proteins, including those found in animal by-products and plant materials, and thus improve the bio-availability of those proteins in the animals’ gut.

Produce More Meat or Produce the Same Amount at Lower Cost?

The choice is yours with Versazyme®, since it promotes animal growth by improving nutrition and feed efficiency. That means adding Versazyme® on top of your standard diets boosts yields and produce the same amount of meat on a lower-protein/matrix-value diet. Either way, you have a new tool for improved profitability.

“How do I know if Versazyme® will work in my feeding operations?”

BRI and its commercial partners have conducted 50 academic and commercial feeding trials with Versazyme® all over the world in broilers, layers, turkeys, and pigs, with results showing significant performance in a variety of conditions with a variety of feeds. But don’t just take our word for it — please contact BRI to see if Versazyme® makes sense for you.

How Does Versazyme® Work?

Granted, using proteases as an animal feed additive is a new concept. But, for years, animal producers have been using phytase to supplement lower phosphorus diets while keeping performance up. In a similar way, Versazyme® can be used to supplement lower protein diets without sacrificing body weight or feed conversion. Take a look at the results of our research (over...
Commercial Feeding Trials with Broilers Show a Clear Difference

**Versazyme Brings Body Weight Up for Broilers Fed Lower Protein Diets**

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<th>Control</th>
<th>Versazyme</th>
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<tr>
<td>22%</td>
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<tr>
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<td>2.36</td>
<td>2.42</td>
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**Legend:** Bars with different subscripts are significantly different at P<0.05. Source: JAPR 2006

**Versazyme Allows Lower Protein Diets without Compromising Feed Efficiency**

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<th>Control</th>
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<td>1.86</td>
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**Versazyme**: A Green Technology that Boosts Profits

BRI stands behind innovative green technologies that make sound economic sense. Versazyme® helps more than your operation's bottom line; it can actually make a difference both locally and globally. By adding Versazyme® to your feeding operation, you'll see...

- Your animals absorbing more nutrients from their feeds due to better protein digestibility
  - Better protein digestibility = less excess nutrients in waste
- Better protein utilization, which helps meet potential CAFO regulations for agriculture emissions
  - Better protein utilization = less ammonia emissions into the atmosphere
- Increased performance benefits without chemical additives or antibiotics
  - Less reliance on antibiotic growth promoters = less worry about creating antibiotic-resistant "superbugs"

**How Do I Add Versazyme® to My Feed?**

Versazyme® is now available as a dry powder that can conveniently be added prior to the pelleting process. The Versazyme® protease is a natural, heat-stable feed enzyme that is produced by *Bacillus licheniformis*. Because this bacterial strain is naturally heat stable, the enzyme it produces also has natural heat-stable properties. BRI scientists have successfully scaled up production of the enzyme to industrial scale.

Visit the BioResource International website at www.briworldwide.com to find more information about our company and products, to find a Versazyme® distributor in your area, or to request a sample of Versazyme®.