

Partnering to Enhance Animal Health



You know proper care and attention to your animals are essential for your success. At Phibro Animal Health, we're proud to partner with you and offer tailored solutions specific to your operation by offering analysis and diagnostic tools to evaluate the performance of key factors on your farm. To do so, we partner with an industry leader in advanced diagnostic systems, Rock River Laboratory.



Understanding Feed Hygiene

Rock River Laboratory is a renowned leader in evaluating and understanding the impact of feed hygiene — a comprehensive category that includes the identification and assessment of several anti-nutritional factors such as wild yeasts, molds, mycotoxins and bacterial contaminants that have a potentially negative impact on the health and performance of your animals.

Poor feed hygiene can be a challenge for your animals, and utilizing the unique analysis packages available through Rock River Laboratory is a valuable tool to identify areas for improvement so we can deliver solutions to meet your specific needs.

Anti-nutritional factors can arise in feed from a variety of factors, such as field-borne contaminants, bird excrement and management practices like dirty buckets, tracking dirt into feed and spoiled feed polluting fresh feed in mixers. The first step is identifying the problem areas. There are four main contributors to contamination:

- **Fungal contamination**
- **Environmental and management stressors**
- **Nutritional stressors**
- **Bacterial load**

Available Testing Through Rock River Laboratory

Customized testing is available to match your specific needs. Packages can be designed to help develop solutions to problems that are commonly experienced on the farm. For example, an analysis that focuses on forage-related challenges would be used for dairy customers, and a focus on grain ingredients would be used for poultry, swine and aqua customers.

Parameter	Ruminants	Poultry	Swine	Aqua
Yeast Counts	X	N/A	N/A	N/A
Mold Count	X			
Mold ID	X			
DON	X		X	X
Zearalenone	X		X	X
T-2	X	X	X	
Fumonisin				X
Aflatoxin	X	X	X	X
Ochratoxin		X		

Note: "X" indicates parameters likely to provide useful information to troubleshoot problems in each of the species listed.

Results

The turnaround for results on samples varies depending on which tests are run. Typically, test results are available within 7-10 business days of sampling. A Phibro team member will provide you with the results of the analysis, and a comprehensive report will be sent to you via email.

Based on the test results and any challenges observed on the farm, we will offer a customized solution tailored to your specific needs to help you resolve any issues you may be experiencing.

In addition to our highly skilled team at Phibro, we also have the privilege of working with Dr. Lon Whitlow, professor emeritus at North Carolina State University. Dr. Whitlow is one of the world's leading experts on molds and mycotoxins. In particularly challenging cases, Dr. Whitlow is available to consult and help us develop solutions for our customers. We also have the consultancy of Dr. Duarte Diaz, one of the leading thinkers in mycotoxin solutions globally and the editor of the *Mycotoxin Blue Book*.





Getting Started

The health and quality of your livestock are influenced by care, nutrition and environment. Achieving clean feed is an ongoing process, but attention to your animals' feed hygiene will help save you money and headaches in the long run. We'll help determine where challenges in your operation could occur that may put your animals at risk — and we'll help identify ways to help prevent and alleviate those risks.

Contact your local Phibro Animal Health representative today to learn more about how we can help you achieve healthy animals — and a healthy bottom line.

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