

TMR HYGIENE DIAGNOSTIC PACKAGE

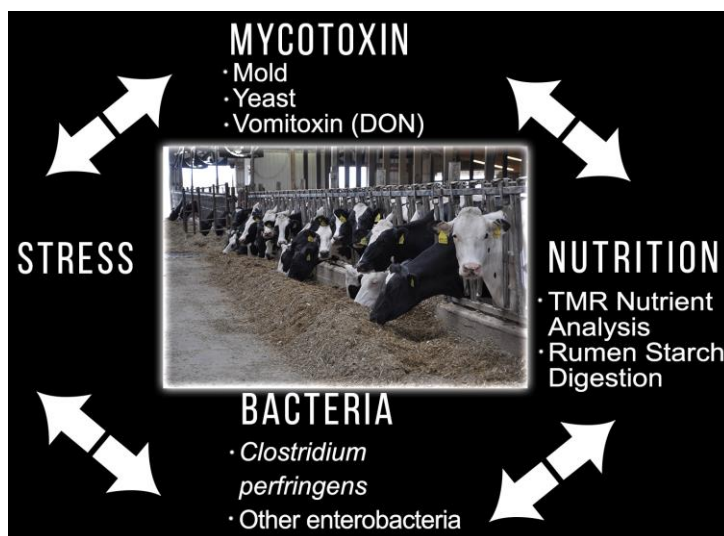
New analyses combination helps nutritionists diagnose the culprits of current health-compromising challenges.

The challenge

The Rock River Laboratory technical nutrition team is observing concerning levels of anti-nutritional factors within Total Mixed Rations (TMRs). These observations compiled from sample analyses as well as ongoing calls regarding reduced cattle performance, sick animals and even some fatalities. The Midwest corn crop and harvest was challenged by the likes of stalk and ear rots (molds), yeast, and mycotoxins (Vomitoxin (DON) and other toxins). Heavy anti-nutrition factor concentrations have been identified within many corn-based feeds and TMRs. These factors combined with other negative nutrition (i.e. lesser than ideal rumen starch digestion) and/or stress factors may compromise cattle health and performance.

The answer: Identify and combat

The TMR Hygiene Diagnostic package was created to help both Rock River Laboratory's nutritionist partners and their customers quickly and efficiently identify and combat the detrimental effects of the broad spectrum of anti-nutritional factors (mycotoxins, nutrition, bacteria and stress) prevalent across the US. Nutritionists and producers suspecting any opportunities in this realm should consider this package, which combines several items from the Rock River Laboratory analysis portfolio to assist in narrowing down the potential culprits, and to help lead users to the root of these problems – hopefully in time to proactively avoid animal health challenges.



TMR Hygiene Diagnostic Package components

- Mold, yeast, and Vomitoxin (DON) count
- Mold identification
- *Clostridium perfringens* (C. perfringens) and other enterobacteria count
- TMR Nutrient Analysis
- Wet chemistry Rumen Starch Digestion
- Package cost: \$140 (\$50 off the list price)

Those interested in running this analysis on samples should write "TMR Hygiene Diagnostic" on their Feed Analysis Request Form. FeedScan users can select 'TMR Hygiene Diagnostic' under the Mold/ Toxin heading within the app.

Results will be reported 10 business days following the samples receipt. Nutrition consultants and producers who would like further support can call Rock River Laboratory's technical nutrition team.