



Build resilience ahead of challenges to prevent and protect.



In a global survey, 85% of cereal grains sampled were contaminated with at least one mycotoxin.¹ The threat of mycotoxins is an ongoing threat to the production and performance of your animals—and your profitability.

Ingested mycotoxins can damage the gut epithelial cell surface, compromising an animal's ability to block mycotoxins from entering its tissues and migrating to different organs.

WHAT IF YOU COULD COMBAT THE CONSTANT MYCOTOXIN CHALLENGE FROM THE INSIDE OUT, BUILDING RESILIENCE AND CONSISTENTLY MEETING PRODUCTION AND PROFITABILITY GOALS?



PREVENT NEGATIVE EFFECTS.

Resist the detrimental impact of mycotoxins to help animals meet their full potential.



PROTECT AT THE CELLULAR LEVEL.

Get 'inside out' protection against gut cytotoxicity caused by a variety of mycotoxins.



BUILD RESISTANCE AHEAD OF CHALLENGES.

Prepare your animals for unseen challenges which may be hidden in their ration.

WITH BG-MAX YOU CAN.

The new formulation of BG-MAX™ **prevents** and **protects** against multiple mycotoxins to make animals **resilient** and maintain consistent performance.

ONLY BG-MAX:

- ✓ Delivers the benefits of Refined Functional Carbohydrates (RFCs) to help your animals take on mycotoxins and win, regardless of feed source.
- ✓ Is backed by research demonstrating the ability to block mycotoxins at the cellular level.
- ✓ Builds resilience ahead of challenges to help animals reach their production potential.

GET THE PPR DIFFERENCE.

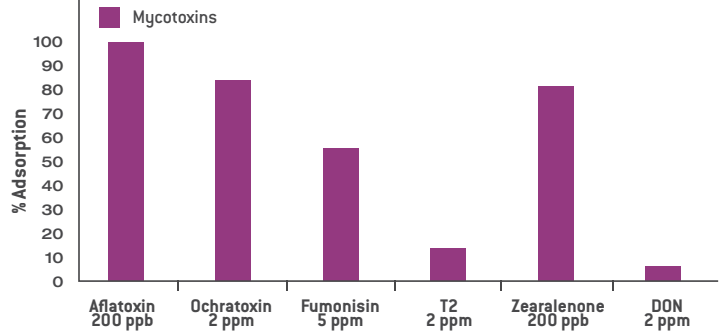
With BG-MAX™, you can take full advantage of the PPR difference, a unique, three-step process that helps animals take on multiple mycotoxin challenges encountered every day.

PREVENT. BG-MAX efficiently bound some of the most common mycotoxins.²

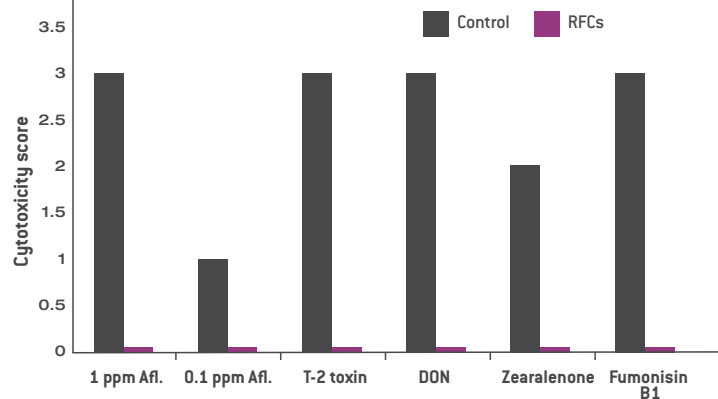
PROTECT. *In vitro* studies have demonstrated that BG-MAX can provide protection against gut cytotoxicity caused by a variety of mycotoxins, as well as forage extracts containing them.³

RESILIENCE. Commercial research and university trials in animals show that BG-MAX prevents toxins from becoming systemic and reaching milk and different organs, restores immunity, and maintains reproductive health and growth even during a mycotoxin challenge.⁴

EFFICIENCY OF MYCOTOXIN ADSORPTION WITH BG-MAX.



REDUCED EPITHELIAL CELL DAMAGE IN PRESENCE OF RFCs.⁴



To learn more about BG-MAX and how it can protect against the threat of cytotoxicity caused by mycotoxins, contact your nutritionist, veterinarian or ARM & HAMMER™ representative, or visit AHfoodchain.com.

1 Gruber-Dorninger, et al. Global Mycotoxin Occurrence in Feed: A Ten-Year Survey. *Toxins* 2019; 11:375.

2 ARM AND HAMMER S190641042 0.8% BG-MAX revised report. Data on file. 2019.

3 Baines, et al. A prebiotic, CELMANAX, decreases *Escherichia coli* O157:H7 colonization of bovine cells and feed-associated cytotoxicity *in vitro*. *BMC Research Notes* 2011; 4:110.

4 Baines. Evaluation of prebiotics and probiotics to reduce toxicity of pure and mixed-feed mycotoxins *in vitro* and to prevent carry-over of aflatoxin B1 in dairy cows. 2014. Abstract #202 Gut Health Symposium, St. Louis, USA.