

**Protect health
and performance.**



#ScienceHearted

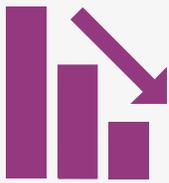
At ARM & HAMMER™ we think big on a microscopic level to deliver safe feed and food solutions that drive business forward. We're your #ScienceHearted, local-and-global, animal and food production team.

In a global survey, 88% of feed sampled was contaminated with at least one mycotoxin.¹



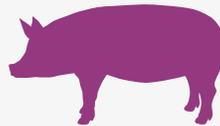
Pigs are particularly susceptible to the detrimental effects of mycotoxins in the diet, meaning that your herd's performance—and ultimately, your profitability—could be taking a hit.

What if you could boost reproductive performance and build immunity for a more productive herd?



MITIGATE MYCOTOXIN THREATS.

What if you could reduce the negative impacts of mycotoxins on herd health?



SUPPORT SOW HEALTH AND PERFORMANCE.

What if you could minimize economic losses by improving fertility and reducing mortality rates?



PREPARE THE IMMUNE SYSTEM.

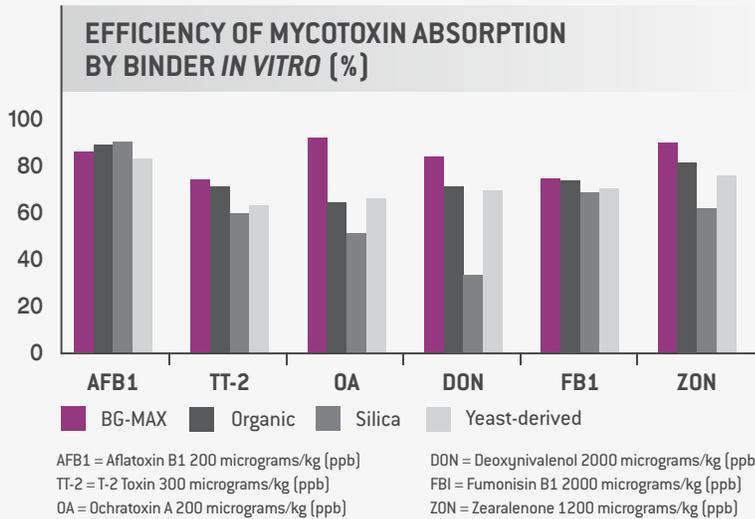
What if you could build resilience to challenges before they occur?

Only BG-MAX™:

- 1 Uses an enzymatic process to break down the components of the yeast cell into small, bioavailable units called Refined Functional Carbohydrates™ (RFCs™)
- 2 Combines the benefits of RFCs with a bentonite specifically processed to help improve flow properties
- 3 Delivers the benefits of multiple feed additives in one consistently high-quality formula that helps pigs cope with environmental challenges

Efficiently mitigate mycotoxins.

Although not statistically analyzed, *in vitro* studies show BG-MAX performed superior to three leading commercial feed ingredients for absorbing harmful compounds in feed.²



Drive reproductive performance.

In a commercial trial, sows fed a gestation diet contaminated with prevalent mycotoxins zearalenone and deoxynivalenol and supplemented with BG-MAX showed improved rates of fertility, farrowing and mortality compared to control sows fed the same mycotoxin-contaminated feed.³

RESULTS

	BG-MAX	Control
Fertility, %	93.40	87.50
Farrowing rate, %	89.40	79.60
Mortality, %	0.70	5.30
Piglet BW at birth, kg	1.30	1.26



With the direct link between reproductive performance and farm profitability, these results could have significant implications for swine producers.

In another trial, BG-MAX supplementation in nursery diets improved fecal scores and showed numerical improvements in feed conversion ratio.⁴

Recommended feeding rates.*

**PIGS—
NURSERY AND SOWS**

2 kg per metric ton of complete feed

**PIGS—
GROWERS**

1.0 kg per metric ton of complete feed

*Consult your nutritionist for your optimum feeding rates.



We're #ScienceHearted and we're here for you.

We're ever-curious farm kids turned nutritional innovators, microbial pioneers and food safety game changers. We use scientific research to unlock the power of nature to create products that focus on you, your animals and worldwide food security. To learn more about BG-MAX™ ask your nutritionist, veterinarian or ARM & HAMMER™ representative or visit AHfoodchain.com.

1 Global Mycotoxin Occurrence in Feed: A Ten-year Survey. *Toxins* 2019;11:375.

2 Research Bulletin I-25. BG-MAX Evaluation *in vitro* Research. Dr. Rene Marquez at the Mycotoxin Lab of INIFAP (Institute of National Investigations for Agriculture) Research Center in Palo Alto, Mexico.

3 Research Notes S-97. BG-MAX supplementation maintains reproductive performance of sows fed gestation diet containing zearalenone and deoxynivalenol. Adapted from a study done at a commercial pig research center in Spain. 2019.

4 Research Bulletin S-66. Effect of BG-MAX on Piglet Growth Performance, Diarrhea Rate and Apparent Digestibility in Weanling Pigs. China Agricultural University. Liv, et al. Presented at: The Asian Pig Veterinary Society Conference in Thailand; 2011.