



**EVERYTHING  
YOU NEED**



FOR AN EVERYDAY MYCOTOXIN MANAGEMENT PROGRAM

**NOTHING  
YOU DON'T.**

HEALTHY ANIMALS. HEALTHY FOOD. HEALTHY WORLD.®

**Phibro**  
ANIMAL HEALTH CORPORATION

## An Unavoidable Threat: Moisture, Mold and Mycotoxins

Mold in feed, driven by excess moisture, can produce harmful mycotoxins that threaten livestock health — leading to infertility, liver damage, reduced feed efficiency and even death. This ongoing battle between moisture and feed presents a continuous challenge for manufacturers and producers alike. Ideally, feeds should be stored with moisture below 13%.<sup>1</sup> But the real world is less than ideal. When moisture levels exceed 15%, feeds become more susceptible to mold growth, increasing the risk of mycotoxin contamination during manufacturing, storage and feeding.<sup>1</sup>

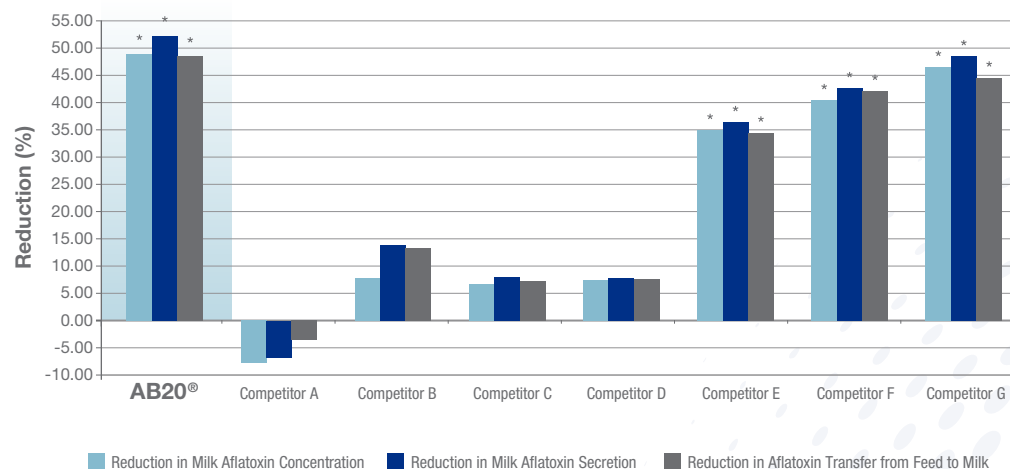


## Choose AB20® for an Everyday Mycotoxin Management Program

**AB20 nutritional specialty product helps limit the absorption of mycotoxins.**

Reducing the absorption of mycotoxins may lead to fewer negative effects on the animal, improved animal health and better performance.

**Comparison of Products Used to Reduce Aflatoxin**



Stroud, J. 2006. The effect of feed additives on aflatoxin in milk of dairy cows fed aflatoxin-contaminated diets. MS thesis. North Carolina State University, Raleigh, NC.

<sup>1</sup>Whitlow, L. W. 2005. Molds and Mycotoxins in Feedstuffs - Prevention and Treatment. Pages 123-142 in Proc. 16th Florida Ruminant Nutrition Symposium, Gainesville, FL.

## Everything You Need. Nothing You Don't.

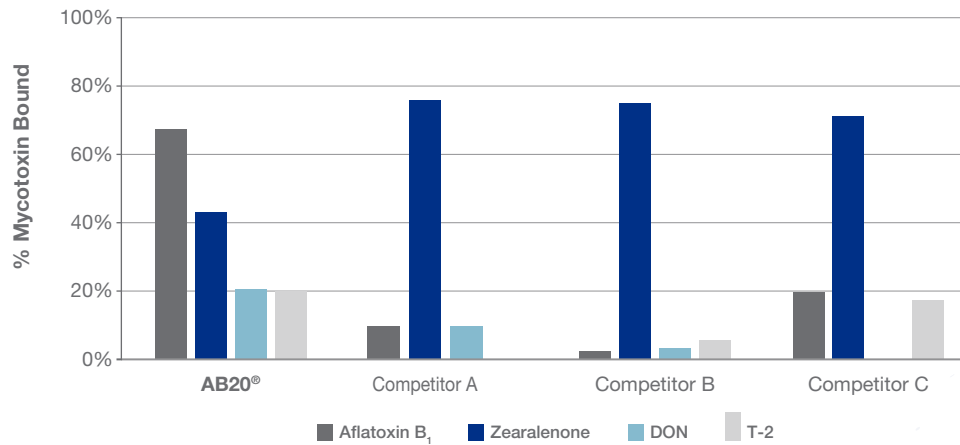
It starts with our proprietary sourcing, carefully selecting silicate deposits with the unique qualities of AB20. These deposits ensure exceptional performance and flowability— all at a low feeding rate — delivering enhanced value from the very beginning.

To achieve consistent results, we rigorously test AB20 through both *in vitro* and *in vivo* research trials. Our team of experts brings extensive experience and technical knowledge, providing reliable on-farm support you can count on.

**And the best part?** You get a proven mycotoxin management solution which offers reliable protection against everyday mycotoxin challenges.



***In Vitro* Mycotoxin Remaining Bound After  
pH Shift, pH = 3 to pH = 6.5**



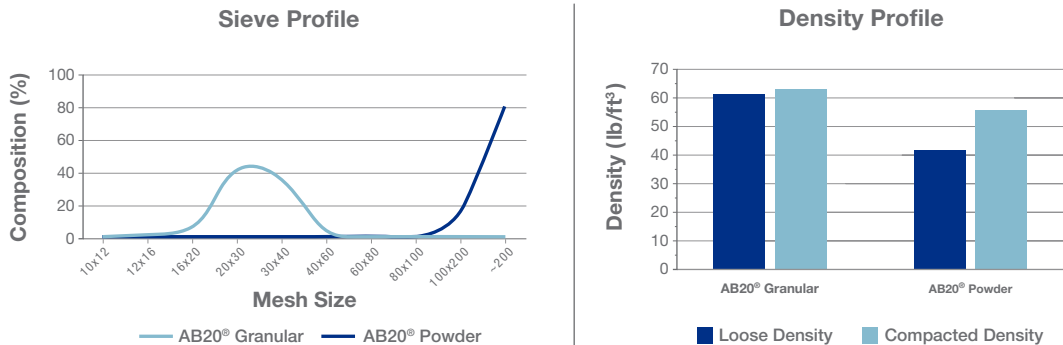
Phibro in-house laboratory analysis, 2018

## AB20®: Trusted Performance in Two Convenient Forms

We're excited to offer AB20 in powder and granular forms. Both deliver the same trusted performance, with the granular form providing a reduced-dust alternative for easy handling and uniform mixing.

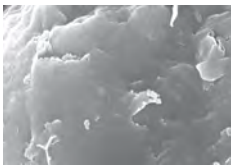
### Physical Properties

AB20 Granular was developed to provide the same efficacy as the traditional powdered AB20, but with better handling characteristics. AB20 Granular offers a larger particle size and contains a higher bulk density, with only a small difference between the compacted and loose density. The result is a product that is less dusty and easier to blend. Both forms are designed for reliable use across various applications.

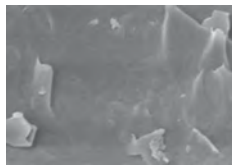


### Same Efficacy

Scanning Electron Microscopy (SEM) images show close-up views of both our granular and powder AB20 products. Although AB20 Granular has a larger particle size, both products contain the same layered structure expected of high-quality bentonite. The layered alumina and silica crystal structure of this clay is critical to the efficacy of our products.



AB20® Granular 50,000x



AB20® Powder 50,000x

Photo credit: Mission S&T



Talk to your Phibro dairy advisor or visit [pahc.com/AB20/dairy](http://pahc.com/AB20/dairy) to learn more.

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