

# MYCOTOXINS:

## GET THE WHOLE PICTURE ON REDUCED PROFITS



When multiple mycotoxins are encountered, overall animal toxicity comes from the additive and synergistic interactions among them,<sup>1</sup> not only the sum of the individual toxins.

## THE REAL COST OF CONTAMINATION

**15% DROP**

IN MILK PRODUCTION  
PER COW/DAY<sup>2</sup>

15% drop in milk  
production per cow/day<sup>2</sup>

**Common Culprits:**  
Aflatoxin, Deoxynivalenol

**\$326/cow**

COST OF SINGLE  
MASTITIS CASE<sup>3</sup>

\$326 per cow cost<sup>3</sup> of a  
single case of mastitis due  
to immunosuppressive  
nature of mycotoxins

**Common Culprits:**  
Deoxynivalenol, T-2 Toxin,  
Zearalenone

**\$555**

COST PER LOST  
PREGNANCY<sup>4</sup>

\$555 cost for each  
pregnancy loss<sup>4</sup> caused  
by mycotoxin-induced  
immunosuppression

**Common Culprit:**  
Zearalenone

**\$2-6**

LOSS PER COW/DAY  
FROM DAYS OPEN<sup>5</sup>

\$2-6 per cow for each  
day open<sup>5</sup> due to enlarged  
vulva and possible irregular  
heats and fertility

**Common Culprit:**  
Zearalenone

**\$641**

AVERAGE COST OF  
DISPLACED ABOMASUM<sup>3</sup>

\$641 average cost of  
displaced abomasum<sup>3</sup>  
\$180 average cost of  
ketosis case<sup>3</sup>

**Common Culprit:**  
Deoxynivalenol

### THE SMART CHOICE FOR AN EXPENSIVE THREAT

While multiple solutions are available to help manage mycotoxins in your feed, Phibro Animal Health Corporation offers a trusted partnership and research-proven results to help you better manage a healthy bottom line.

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



**AB20®**

[pahc.com/AB20/dairy](http://pahc.com/AB20/dairy)

<sup>1</sup>Pereira et al., 2019. Toxins. 11:290-352. <sup>2</sup>Adams, et al., 2016. Mold and Mycotoxin Problems in Livestock Feeding. <https://extension.psu.edu/mold-and-mycotoxin-problems-in-livestock-feeding>. <sup>3</sup>Liang et al., 2017. J. Dairy Sci. 100:1472-1486. <sup>4</sup>De Vries et al., 2006. J. Dairy Sci. 89:3876-3885. <sup>5</sup>Dairy Cattle Reproduction Council. "The Dollar Value of a Pregnancy." <https://www.dccouncil.org/wp-content/uploads/2017/04/The-dollar-value-of-a-pregnancy.pdf>.