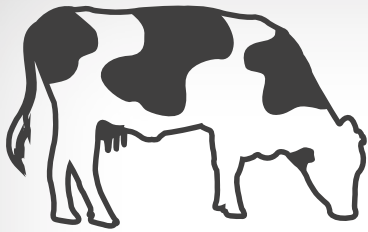


HBS + AF FACTS

HEMORRHAGIC BOWEL SYNDROME (HBS) + ASPERGILLUS FUMIGATUS



ONLY 38% OF ALL OPERATIONS KNOW HOW TO PROPERLY IDENTIFY HBS¹

KNOW THE WARNING SIGNS

Common Symptoms of HBS include³:



Dehydration



Dark, tarry feces (melena)



Decreased feed intake

Other symptoms to watch for: decreased milk production; depression; colic; decreased rumen motility; fecal production reduced to scant; clotted blood in feces³

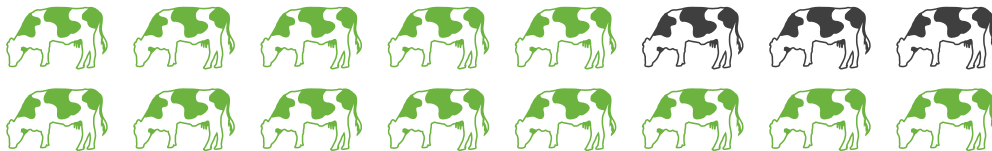
A Fatal Problem

79.3% OF COWS WITH HBS

WERE REMOVED FROM THE HERD¹

\$2,104 PER HEAD
IS THE COST FOR A REPLACEMENT HEIFER²

A POTENTIAL CULPRIT



13 OF 16 COWS THAT DIED OF HBS WERE *A. FUMIGATUS* POSITIVE⁴

Hypothesized as either contributing directly to the syndrome or as an agent that impaired the immune system⁵.

While HBS is unpredictable and fatal, OmniGen® nutritional specialty products offer immune support that can serve as an important line of defense. **Learn more about the benefits of OmniGen at TheOmniGenDifference.com.**

OmniGen®

¹USDA, 2014. Dairy 2014 Health and Management Practices on U.S. Dairy Operations. NAHMS-2014. ²<https://www.wisfarmer.com/story/news/2021/01/26/successful-heifer-management-should-they-grow-do-they-go/4269734001/#:~:text=According%20to%20a%20recent%20study, costs%20and%2012%25%20fixed%20costs.> ³McGuirk, S. M., 2014. Hemorrhagic Bowel Syndrome: Update and Observations. Madison, WI, University of WI-Madison School of Veterinary Medicine. ⁴Sackett, D. C., A. et al., 2004. Proc. Am. Assoc. Vet. Lab. Diagnos. 36. ⁵Van Meirre, D. C., R. J. Callan, 2005. Western Dairy News: Research Progress in Hemorrhagic Bowel Syndrome. Colorado State University: University of Colorado. OG350821GLB ©2021 Phibro Animal Health Corporation. Phibro, Phibro logo design and OmniGen are trademarks owned by or licensed to Phibro Animal Health Corporation or its affiliates.