Learn more about how AB20® can support your success by helping you manage your feed quality challenges.

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Phibro ANIMAL HEALTH CORPORATION™

HEALTHY ANIMALS. HEALTHY FOOD. HEALTHY WORLD.®

Not All Binders Are Created Equal.

AB20®

Reliable Performance. Consistent Quality.

Livestock feeds and moisture are two opposing forces that continually challenge feed manufacturers and livestock producers alike.

Feeds and grains are ideally stored with moisture concentrations of less than 13 percent, to help "compensate for non-uniform moisture concentrations throughout the grain mass" (Whitlow, 2005, Proceedings, Florida Ruminant Nutrition Conference, Gainesville).

Feed that has been stored at a high moisture level may have a reduced flowability, have the potential to cake and be more prone to increased mold growth. The real world is less than ideal, and feeds and grains exposed to moisture concentrations greater than 15 percent are more susceptible to mold contamination (Whitlow, 2005). Mold growth may lead to mycotoxin formation during manufacturing, storage, delivery and feeding of the livestock.

Effects of *AB20* at 1% (*AB20-1*) or 2% (*AB20-2*) on body weight and body weight gain of broiler chicks fed a diet containing 4 ppm aflatoxin B1 (B1)[1]

	Body Weight (g)		
Diet	**Week 1**	**Week 2**	**Week 3**
Control	160.0	435.2[a]	810.8[a]
B1	161.1	392.4[b]	682.7[b]
B1 + ***AB20-1***	159.7	433.7[a]	816.4[a]
B1 + ***AB20-2***	159.7	431.5[a]	812.7[a]
	Body Weight Gain (g)		
Control	120.3	275.2[a]	375.7[a]
B1	127.7	230.9[b]	290.3[b]
B1 + ***AB20-1***	119.2	274.4[a]	382.7[a]
B1 + ***AB20-2***	116.7	273.7[a]	381.2[a]

[a,b]Means within a column lacking a common superscript differ ($P < 0.05$).

Adapted from Fairchild et al., 2008

***AB20®* specialty product** *is a bentonite adsorbent, containing hydrated sodium and calcium aluminosilicates, which reduces caking and flowability issues by binding moisture that is present in feed. Lower moisture in feed reduces the potential for mold growth—and lowering mold growth in feed improves its quality. This is important when you consider that some molds can produce a wide range of harmful mycotoxins.*

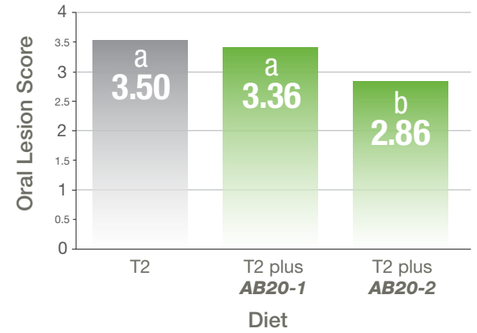
The use of ***AB20 helps reduce mold growth and mycotoxin contamination.***

Unique From the Start.

It all begins with our unique and proprietary sourcing to identify silicate deposits with the unique qualities of ***AB20*** *that provide effective performance and excellent flowability—all at a low usage rate for enhanced value from the start.*

To ensure you receive consistent and effective performance, we test ***AB20*** *in both in vitro and* ***live animal research trials,*** *backed by our team of experts who provide extensive experience and strong technical knowledge for reliable on-farm support.*

Effect of *AB20* at 1% (*AB20-1*) and 2% (*AB20-2*) on oral lesion scores of broiler chicks fed a diet with 6 ppm T2 toxin (T2) when compared to chicks fed a control diet (C) at d21[1]



Bars with different letters are statistically significant ($P < 0.05$) from one another.

Adapted from Fairchild et al., 2008

AB20®

While multiple solutions are available to help manage mycotoxins in your animals, only AB20 offers the trusted partnership of ***Phibro Animal Health Corporation*** *—with research-proven results to ensure healthy animals and a healthy bottom line.*

For more information, contact your local Phibro representative or visit www.pahc.com.

1 NOTE: Information presented in this material has been adapted from:

Effect of AB20® on broiler chicks exposed to aflatoxin B1 or T2 toxin
A.S. Fairchild, J. Croom, J.L. Grimes and W.M. Hagler, Jr. Department of Poultry Science, College of Agriculture and Life Sciences, North Carolina State University, Raleigh, NC, USA
Int. J. Poult. Sci., 7 (12): 1147-1151, 2008.