



**Replace variability  
challenges with  
unmatched consistency.**



**ANIMALS FIRST.  
PRODUCTIVITY ALWAYS.**

## At Arm & Hammer Animal Nutrition we use science

to unlock the power of nature to create solutions that are designed to optimize animal productivity.

Our expert team can help troubleshoot challenges and translate science into an action plan, always remaining focused on **Animals First. Productivity Always.**

### Save time and money navigating the uncertain.

With AVIATOR™ animals get the benefit of multiple feed additives in one consistently high-quality formula, minimizing the risks of mixing errors and diet variation.

### Why RFCs matter.

AVIATOR delivers highly bioavailable Refined Functional Carbohydrates™ (RFC™):

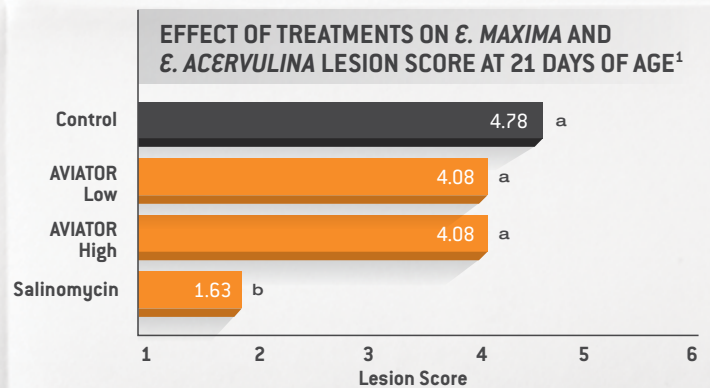
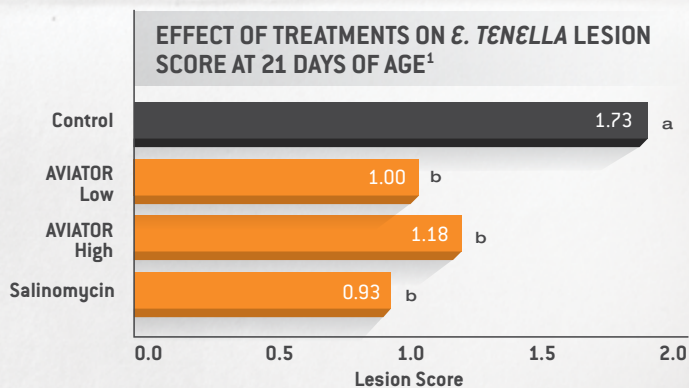
- **Mannan-oligosaccharides** SUPPORT consistent growth of beneficial bacteria like *Lactobacillus* and *Bifidobacterium*
- **Mannose** BINDS pathogenic bacteria like *E. coli* and *Salmonella*
- **Beta glucans** SUPPORT the immune system and bind mycotoxins

### The AVIATOR advantage:

- 1 Can help reduce the negative impact of pathogens such as *Eimeria* (coccidiosis) and *E. coli*<sup>1-5</sup>
  - 2 Helps mitigate the effects of mycotoxins found in low-quality feed ingredients<sup>6</sup>
  - 3 Helps consistently meet target weight goals by minimizing feed quality variation<sup>2-14</sup>
- **Other RFCs help PREVENT** certain protozoa like *Eimeria* (coccidiosis) and *Cryptosporidium* from attaching to the intestinal wall and causing disease

### Defend against coccidiosis.

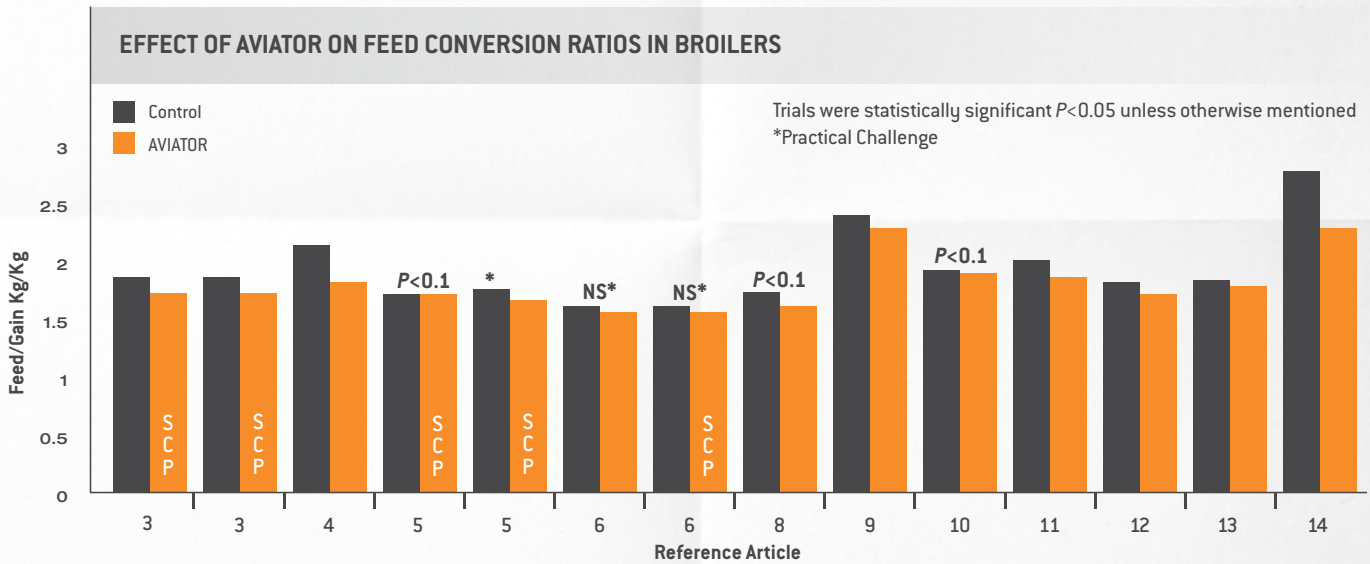
- AVIATOR was compared to a coccidiostat supplementation in broilers given a moderate coccidiosis challenge
- AVIATOR was very effective in reducing *E. tenella* lesion score and moderately effective against *E. maxima* and *E. acervulina*<sup>1</sup>
- AVIATOR demonstrated the capacity to maintain feed efficiency in the absence of a coccidiostat in grower-finisher diets<sup>5</sup>



a,b Indicate significant difference ( $P < 0.05$ )

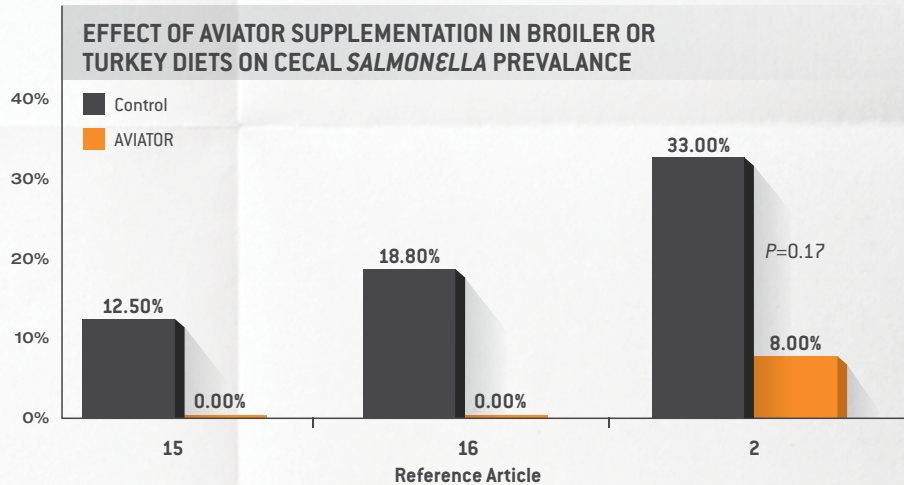
## Consistently meet target weights.

AVIATOR research has shown consistent performance in broilers to minimize feed variation, helping to reach consistent target weight goals.<sup>3-14</sup> Across numerous studies AVIATOR has improved feed conversion ratio (FCR) by 5 points.



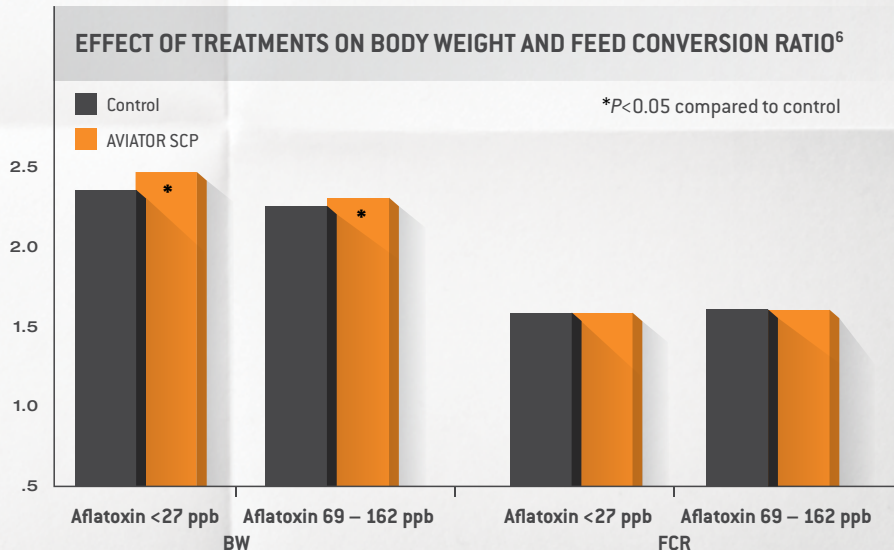
## Stay ahead of *Salmonella*.

In two separate studies broilers supplemented with AVIATOR had zero cecal *Salmonella* prevalence compared to 12.5% and 18.8% prevalence in control fed broilers.<sup>15,16</sup> Similarly, turkeys supplemented with AVIATOR had 8% prevalence of cecal *Salmonella* compared to 33% in control fed turkeys ( $P = 0.17$ ).<sup>2</sup>



## Mitigate mycotoxins.

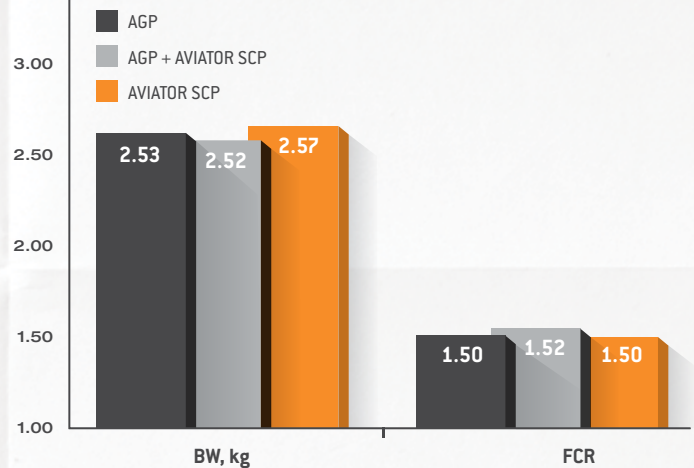
Supplementing AVIATOR SCP to aflatoxin-contaminated broiler diets significantly improved body weight ( $P < 0.05$ ) and numerically improved feed conversion ratio ( $P > 0.05$ ) compared to the control.<sup>6</sup>



## A viable alternative to antibiotic growth promoters.

In a study conducted under commercial conditions, the effect of AVIATOR™ supplementation was compared to antibiotic growth promoter (AGP) Bacitracin on broiler performance. Broilers on AVIATOR SCP finished with 42 g higher BW compared to AGP-supplemented birds ( $P>0.05$ ).<sup>17</sup>

COMPARISON OF AGP AND AVIATOR SUPPLEMENTATION ON BROILER PERFORMANCE AT 36 DAYS<sup>17</sup>



## Minimum recommended feeding rates.\*

|                | CHICKENS         |         |                 |                    |         |                 | TURKEYS         |        |             |                   |        |             |
|----------------|------------------|---------|-----------------|--------------------|---------|-----------------|-----------------|--------|-------------|-------------------|--------|-------------|
|                | Chickens (kg/MT) |         |                 | Chickens (lbs/ton) |         |                 | Turkeys (kg/MT) |        |             | Turkeys (lbs/ton) |        |             |
|                | Layer            | Broiler | Broiler/Breeder | Layer              | Broiler | Broiler/Breeder | Breeder         | Poults | Grow/Finish | Breeder           | Poults | Grow/Finish |
| AVIATOR        | 0.5              | 0.5     | 0.5             | 1                  | 1       | 1               | 0.5             | 0.5    | 0.5         | 1                 | 1      | 1           |
| AVIATOR SCP    | 0.05             | 0.05    | 0.05            | 0.1                | 0.1     | 0.1             | 0.05            | 0.05   | 0.05        | 0.1               | 0.1    | 0.1         |
|                | ml/L             |         |                 |                    |         |                 | ml/L            |        |             |                   |        |             |
| AVIATOR Liquid | 0.25             | 0.25    | 0.25            | 0.25               | 0.25    | 0.25            | 0.25            | 0.25   | 0.25        | 0.25              | 0.25   | 0.25        |

\*Consult your nutritionist for your optimum feeding rates.



## We're a global, multi-species, animal nutrition team.

We use scientific research to unlock the power of nature to create products that focus on your **Animals First. Productivity Always.** To learn more about AVIATOR contact your nutritionist, veterinarian or Arm & Hammer Animal Nutrition representative or visit [AHAnimalNutrition.com](http://AHAnimalNutrition.com).

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