

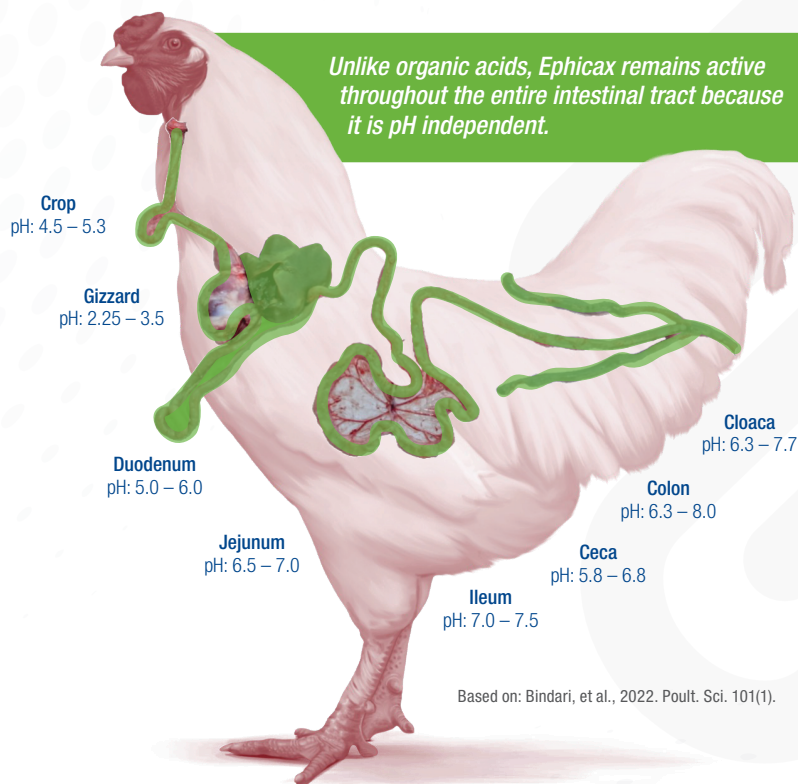


The Difference of a Balanced Intestinal Tract

There are two key problems that threaten your poultry operation's success – food safety and live production challenges. To maintain the consistency, productivity, and value of your operation you need proven solutions that help maximize your animals' defense.

A Balanced Gastrointestinal Tract (GIT), from Crop to Cloaca

Ephicax™ nutritional specialty product's distinctive blends of short- and medium-chain monoglycerides (S/MCMG) support intestinal health through unique modes of action, bolstering the animal's defense against enteric challenges.



Studies have shown that using Ephicax nutritional specialty product can help balance the complete gastrointestinal (GI) tract environment. **A balanced intestinal tract may lead to improved food safety and reduced pathogens challenges.**

Food Safety



Balanced Intestinal Tract

30% improvement in jejunum villi height post-*Clostridium* challenge compared to positive control.

Source: SILO_Clostridia_2.

MAY LEAD TO:

Reduction in *Salmonella* Typhimurium Incidence in Liver

Days Post-Infection	Infection Percentage
5	20%
10	10%
15	0%

Study conducted with Ephicax L 104 | Source: SILO_Salmonella 3.



Reduction of Presence of *Campylobacter*

Reduced CFU Counts by 2 to 3 logs post *Campylobacter jejuni* challenge.

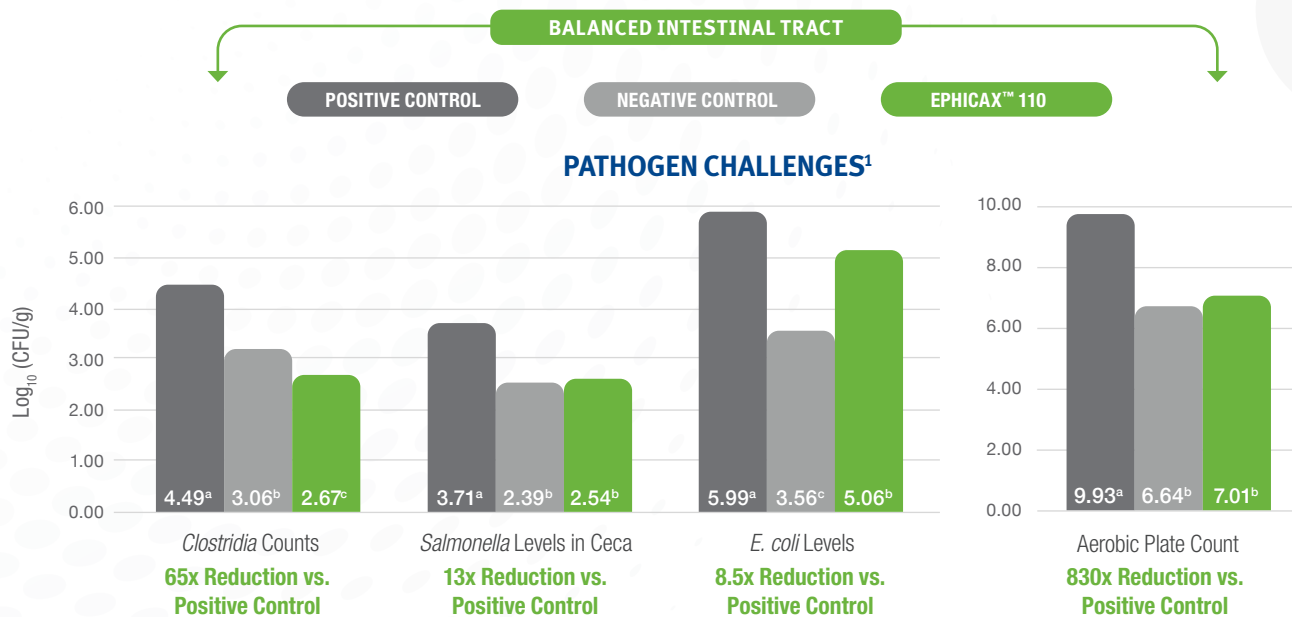
SILOhealth 110 = Ephicax 110 | Source: SILO_Campylobacter_1.

WHICH MAY ULTIMATELY LEAD TO:

Reduced Risk of Dropping Classification Categories*

Less Production Downtime

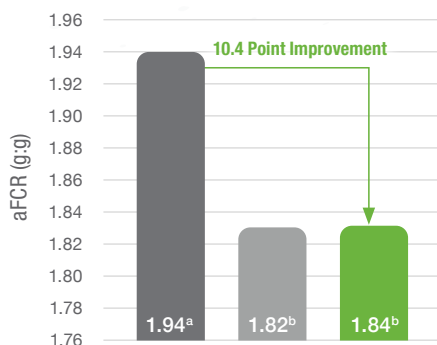
*As per FSIS Salmonella Standards.



42 Days of Age | ^{a-c}Means with different superscripts differ significantly ($P < 0.05$). | ¹As per measurement in the lumen of the mid gut. | Source: PHIBRO-54.

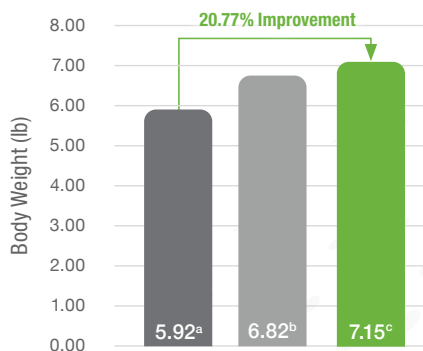
A REDUCTION IN PATHOGEN CHALLENGES MAY LEAD TO:

IMPROVED FEED CONVERSION RATIO



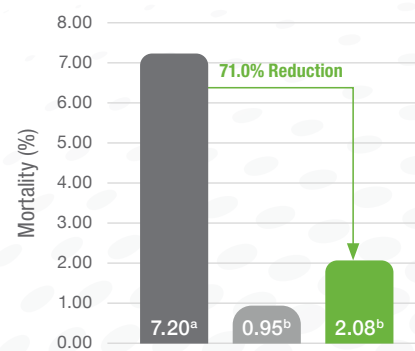
42 Days of Age | ^{a-b}Means with different superscripts differ significantly ($P < 0.05$). | Source: PHIBRO-54.

IMPROVED BODY WEIGHT GAIN



42 Days of Age | ^{a-c}Means with different superscripts differ significantly ($P < 0.05$). | Source: PHIBRO-54.

REDUCED MORTALITY RATE



42 Days of Age | ^{a-b}Means with different superscripts differ significantly ($P < 0.05$). | Source: PHIBRO-54.

WHICH MAY ULTIMATELY LEAD TO:

More Meat to Market

Improved Animal Welfare

Connect with Your Phibro Poultry Representative | 888.475.7355 | PAHC.com