



HP Ingredients
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The Problem

Optimal gut health is of vital importance to the performance of production animals. Gut health is synonymous in animal production industries with animal health. Unhealthy gastrointestinal tract may negatively impact nutrient digestion and absorption, reduce productive performance which lead to increase feed cost, which accounts for 70% of total production cost.

In most animal production, the transition to adulthood typically means change of diet and exposure to new environment which usually cause an abrupt stress that affects the normal gastrointestinal development. These generates important changes in its structure and functionality, mainly the small intestine and microbial imbalance in the gut, leading to undesirable effects such as reduced feed intake, a consequential reduction in growth rate, and increased susceptibility digestion problems and pathogenic infections.

What is OceaControl™?

OceaControl™ is a scientifically formulated feed additive based on a micro-pulverized seaweed blend with a standardized, high ORAC Superfruits extract. OceaControl™ is a good prebiotics that can pass through the small intestines and be fermented by colonic gut microflora to promote the growth of beneficial microorganisms in the intestines. OceaControl™ improves feed conversion ratio & improves feed intake.

In laying hens, OceaControl™ increases the population of beneficial bacteria, decreases in pathogenic Clostridium perfringens in the gut, and helps to improve egg yolk color, and increase in egg and yolk weight.

In post weaning piglets, OceaControl™ improves the palatability of feed, and help to promote the first solid feed intake.

Benefits of OceaControl™

- Improves nutrients digestion & absorption
- Improves feed intake and feed conversion ratio
- Promotes immunity against pathogens
- Decreases mortality
- Reduces use of antibiotics
- Improves productive goals

Mechanism of Action for OceaControl™

OceaControl™ induces changes in the histomorphology of the small intestine, a significant increase in villus heights and crypt depths have been observed. OceaControl™ protects the intestinal epithelium by controlling the inflammation process via NF-KB mechanism. Healthy gut microbiota aids a healthier turnover of intestinal epithelial cells and reduced inflammation caused by pathogens and toxins.

Direction of Use:

Layer hens: 10kg per ton of feed, complete cycle.

Poultry: 5kg per ton of feed, complete cycle.

Post Weaning Swine: 5kg per ton of feed, complete post-weaning stage.

Sow: 5kg per ton of feed, complete lactation stage.