



# Magni-Phi®

## Nutritional Specialty Product

A nutritional specialty product that helps improve poultry immune response for better nutrient utilization, gut health and performance

Magni-Phi® is a combination of yucca and quillaja saponins, **100% natural and can be used in organic production systems**, offering a safe and effective solution to meet the increasing consumer demand for antibiotic-free protein.

Quillaja saponaria



Yucca schidigera



### Key Benefits of Magni-Phi

**Helps improve intestinal integrity** which may lead to improved pathogen control and performance



**In Antibiotic-Free production systems:** it helps improve nutrient absorption leading to improved carcass yield



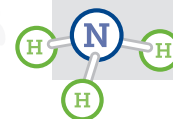
**Helps improve immune response**



**Helps improve performance:** feed conversion and weight gain



**Leads to better absorption of nutrients**



**Aids in the control of ammonia**



**Leads to improved carcass yield**



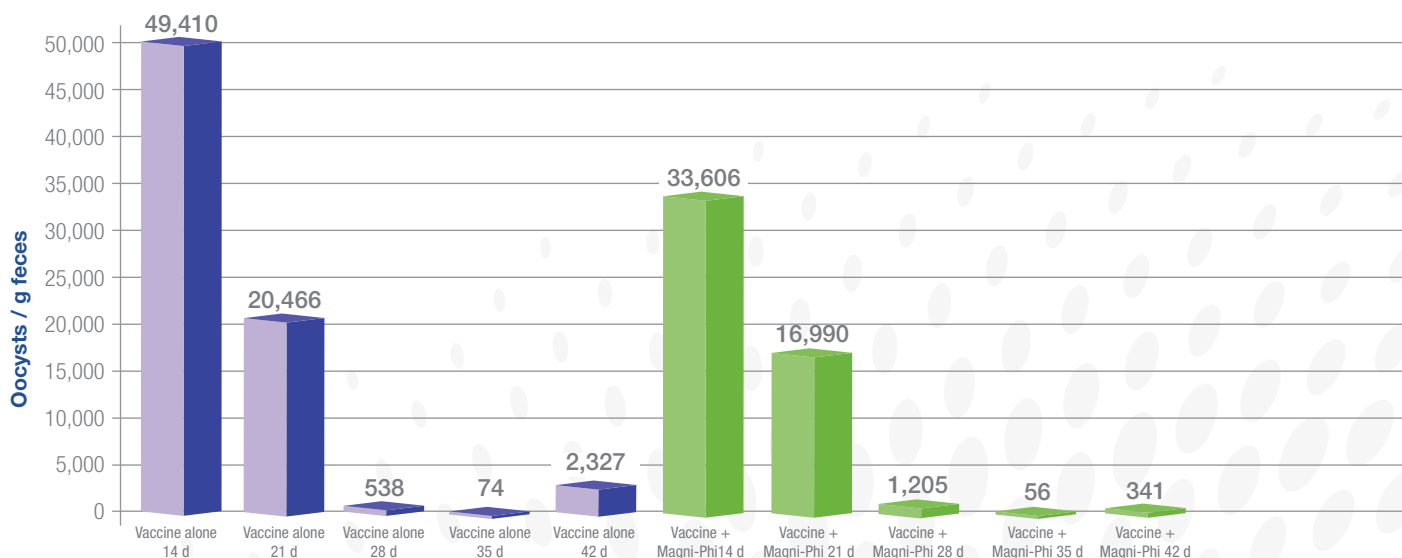
## Magni-Phi provides proven and effective results as demonstrated through credible research and field assessments.

	Clostridium perfringens (log10)		Salmonella Incidence (%)	
	Day 21	Day 42	Day 21	Day 42
Control group (no Magni-Phi)	4.09	4.06	78.1	70.0
Magni-Phi at 250 ppm	3.56	3.57	54.3	44.7
Magni-Phi at 500 ppm	3.13	3.42	33.2	37.7

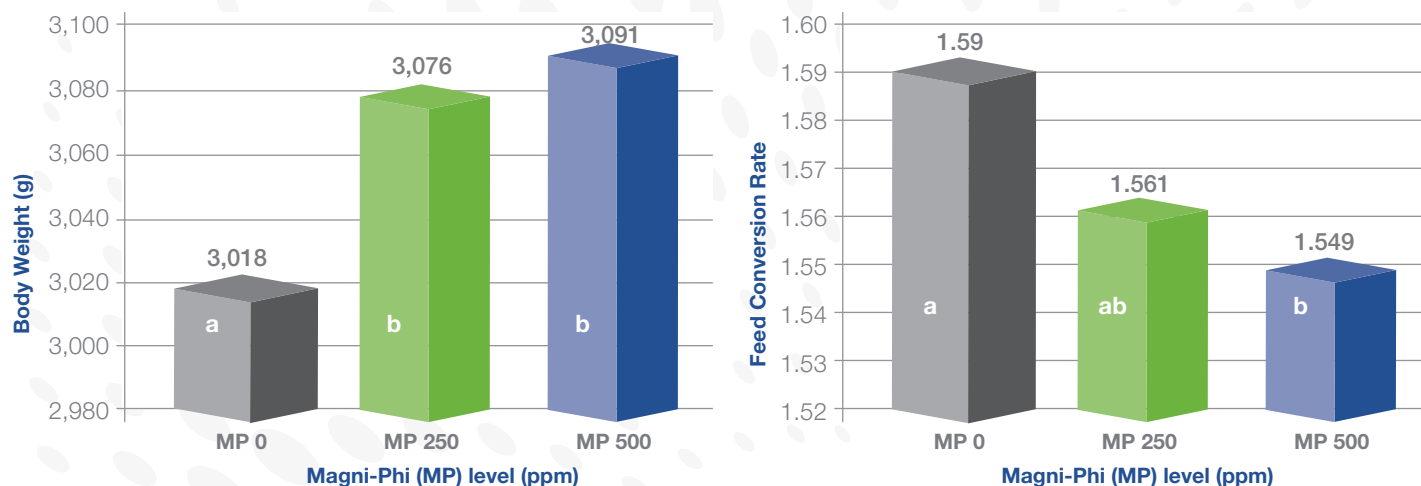
Magni Phi helps improve intestinal integrity which can lead to improved control of *Salmonella* and clostridia pathogens.

Data available upon request.

**Magni-Phi helps complement the efficacy of live coccidiosis vaccines.** Magni-Phi helps improve immune response which helps improve pathogen control. Data from over **15 controlled studies** shows an improved response to coccidiosis vaccine (Bafundo et al., 2020). Vaccinated birds had significantly better oocyst cycling modulation (Gomez et al., AAAP, 2020;  $P < 0.005$ ).



**Saponins in Magni-Phi help improve intestinal health,** which leads to better nutrient absorption, body weight and improved feed conversion ratio (FCR) (Bafundo et al. 2020a). Values with no common superscripts are significantly different ( $P < 0.05$ ).



This information has been prepared for industry technical professionals only and may be presented and discussed with them upon request.