

PHYTOGEN®

A Meritech Animal Product



Oregano Essential Oil

PHYTOGEN® a natural feed additive produced from high quality Oregano (*Oreganum vulgare* ssp. *hirtum*) essential oils via distillation under very strict quality standards with ISO 9001:2015 and ISO 22000:2005 (HACCP.) to ensure the consistence and quality of our product. Numerous trials up to present show its effectiveness in inhibiting pathogen infecting humans and animals.

FUNCTIONALITY OF PHYTOGEN

1. Strong antimicrobial effect
2. Powerful antioxidant
3. Appetite enhancer
4. Improve gut health and nutrient absorption
5. Effective, safe and easy to use

PHYTOGEN® POWDER

Animal Species	Dosage (g/ton of feed)	Remarks
Piglet (till 2 weeks after weaning)	250-500	Dosage can be adjusted according to environment condition, health situation of animals, feed formulation and feeding management.
Nursery to 25kg	200-300	
>25kg	150-300	
Sow (Pregnant-Lactation)	200-500	
Broilers	150-300	
Layers	100-200	
Shrimp	250-500	
Fish	150-300	

PHYTOGEN® LIQUID

Animal Species	Dosage (ml/1000 Liters)	Remarks
Piglet (till 2 weeks after weaning)	200-500	Dose rate can be adjusted according to farm environment condition and health situation of animals.
Weaning to 25kg	100-300	
>25kg	50-200	
Sow (Pregnant-Lactation)	150-500	
Broilers	150-300	
Layers	100-200	



PACK SIZE

Powder: 25kg packed in high quality foil in a heavy duty box
Liquid: 12 bottles (1L per bottle) packed in heavy duty box

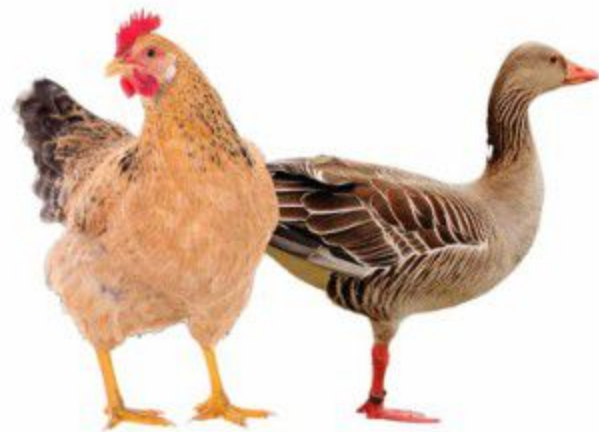
STORAGE AND STABILITY

Store in a dry place, away from sunlight.
Keep container tightly closed after use.
Shelf life: 24 months from date of production

Application to Animals

POULTRY

Improve gut health, prevent gut disorder and reduced mortality.
Increase digestion and adsorption, improve FCR and weight gain.
Boost the reproductive performance of breeders, egg shell quality and egg yolk color.



Trial summary to improve broiler FCR

Broilers	Trial Periods (days)	FCR Improve (%)	Researcher/Publisher	Place
AA	21	1.5%	Jin (2009) SFR	Europe
AA	44	4.3%	Hu et al. (2009) C J Anim Sci	China
Cobb-500	35	3.5%	Ciannenas et al. (2004)	Europe
Cobb-500	42	2.6%	Ciannenas et al. (2003)	Europe
Three Yellow	49	14.8%	Liu et al. (2007) C J Anim Sci	China
Ross	41	4.5%	Waldenstedt (2003)	Europe
Ross 307	42	4.6%	Calislar et al. (2009)	Europe
Average	38 (35-42)	4.3% (2.0-7.6%)		

SWINE

For Piglets:

Better gut health & immunity resulting to lesser diahrrea and mortality.
Increase body weight gain and feed intake.
No residue, therefore no withdrawal.
Can partially replace antibiotics.



For Sows:

Increase feed intake
Enhance immunity body health
Adds 0.5 piglets per sow.

For Grower/ Finisher:

Improve meat quality
Good for low protein diet
AGP replacement (colistin/CTC)