MAXWELL ANIMAL HEALTH

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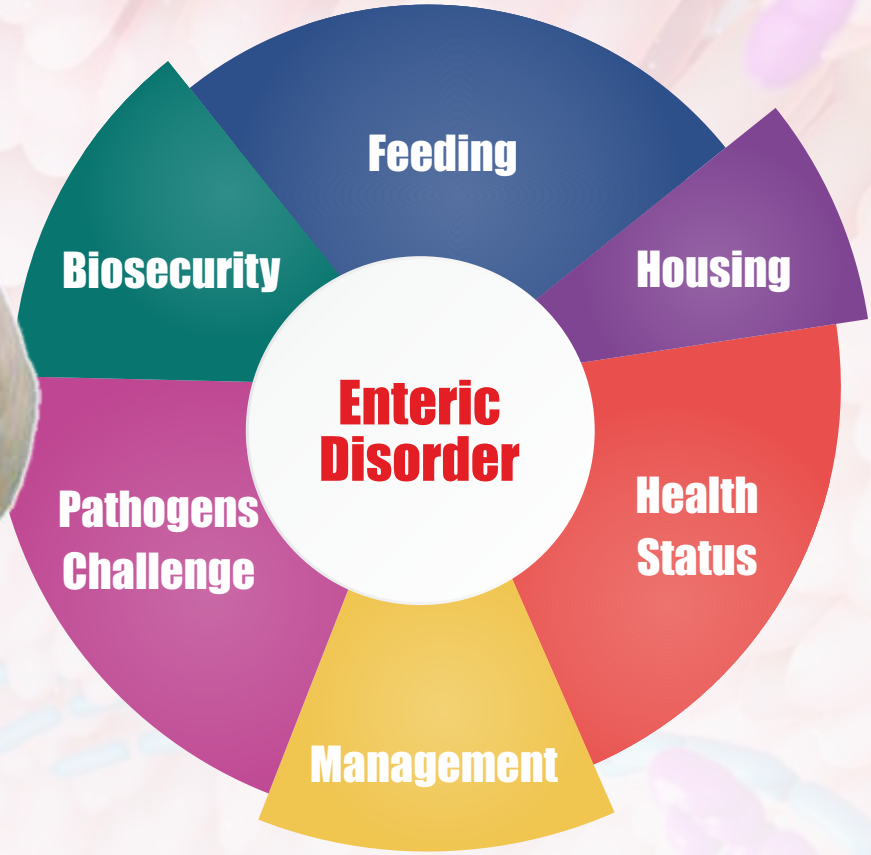
(GMP+, ISO 9001:2015, ISO 45001:2018, ISO 14001:2015 and ISO 22000:2018)

ECONOMIC SUCCESS

of a **Poultry Farm** is directly Linked to **Gut Ecology**



Maxquinol-60%

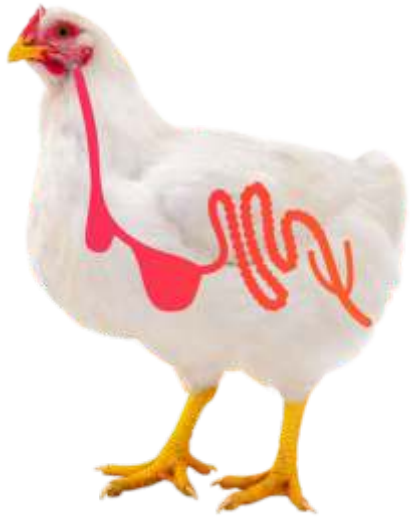
Advanced Gut Health & Growth Promoter

Maintaining proper gut welfare in poultry is basic to achieve the desired production efficiency of the flock

Why Choose

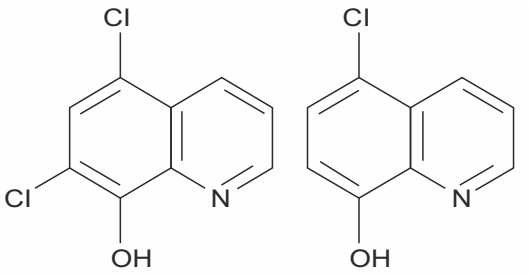
Maxquinol-60%

Advanced Gut Health & Growth Promoter



Maxquinol-60% is a scientifically proven, non-absorbable, broad-spectrum feed additive that

- Strengthens gut health & curbs diarrhea
- Improves growth rate & feed efficiency
- Safeguards against multiple pathogens
- Complies with residue and safety standards



Maxquinol-60% an ideal growth and health solution in poultry and swine production, leveraging both biological efficacy and economic impact. Maxquinol-60% (chlorinated 8-hydroxyquinoline) is a broad-spectrum antimicrobial, antifungal, and antiprotozoal feed additive.

The antimicrobial effects of Maxquinol-60% derive from its ability to chelate metal ions, particularly Iron, Copper, and Zinc.

Composition

1kg Contains Haloquinol-60% - 600g

Typical formulation (60% w/w):

- 5,7-Dichloro-8 hydroxyquinoline (57–74%)
- 5 Chloro-8 hydroxyquinoline (23–40%)
- 7 Chloro-8 hydroxyquinoline (≤4%)
- Inert carriers (silicon dioxide, calcium carbonate) Q.S.

Role in Lean Meat Production

- Maxquinol-60% acts directly on gastrointestinal smooth muscle to slow down peristaltic activity. Thus, the absorption of nutrients, particularly in animals suffering from diarrhoea, is enhanced, and performance criteria are improved markedly
- By reducing pathogenic microbial load, optimising nutrient absorption, and improving feed conversion ratio (FCR), Haloquinol supports lean, efficient growth in broilers and pigs, outperforming many antibiotic growth promoters

Mode of Action

Broad-spectrum Antimicrobial: Disrupts bacterial respiratory enzymes via metal chelation in cytoplasmic membranes

Antiparasitic & Antifungal: Effective against protozoa (Eimeria) and fungi (Candida)

Anti-diarrheal & Gut Retention: Reduces gut motility to increase nutrient absorption, controlling diarrhoea and wet droppings

Non-absorbed & Safe: Acts locally in the gut, with minimal systemic absorption, and no significant resistance has been recorded

Indication

Poultry

As a Growth promoter

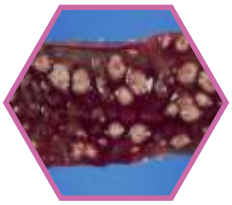
Treatment of wet droppings

Crop mycosis

Pig

As a Growth promoter

Treatment of post-weaning diarrhoea of piglets



Salmonellosis

Coccidiosis

Diarrhoea of adult pigs

Performance Validation

Broilers:

Parameter: Improved Growth & Feed Conversion
Flock: Cobb 430Y (No.=2000)
Inclusion: Maxquinol-60% @ 500g/MT
Trial Duration: 35 Days

Parameter	Control	Maxquinol-60%	% Improvement
Final Body Weight (g)	1965 g	2102 g (+6.9%)	7
Feed Intake (g)	3144 g	3027 g	(4)
FCR	1.6	1.44	9
Mortality (%)	4.1%	2.8%	6.8

Conclusion:
- Significant improvement in body weight and FCR.
- Lower mortality reflects strong gut health protection

Reference:
Internal Data – Field Trial conducted by Tech. Team, Maxwell Animal HealthServices, 2024

Layers:

Parameter: Shell Quality & Egg Production
Flock: Hy-Line W-80, 28–40 Weeks of Age
Inclusion: Maxquinol-60% @ 400 g/MT
Trial Duration: 10 weeks

Parameter	Control	Maxquinol-60%	% Improvement
Hen-Day Egg Production	89.2%	91.5%	2.6
Cracked/Dirty Eggs (%)	3.5%	1.9%	54
Shell Thickness (mm)	0.32	0.35	9.4
Average Egg Weight (g)	60.3	61.7	2.3

Conclusion:
- Reduction in rejected eggs and improvement in shell quality lead to Better Egg market value due to less Egg rejections & improved eggshell quality

Reference:
Controlled Layer house data-From South India Layer Market

Maxquinol-60%

Advanced Gut Health & Growth Promoter

Features & Benefits

Feature	Benefit
Broad-spectrum activity	Controls bacteria, fungi, protozoa
Anti-peristaltic action	Reduces diarrhea; enhances nutrient uptake
Growth-promoting effect	Enhanced growth performance; Reduces cost per kg live weight gain
Non-absorbable; residue-free	Supports antibiotic-free and AGP-reduced programs
Drug synergy	Compatible with prebiotics, probiotics & enzymes
Approved in key global markets	Widely used in Asia & Latin America; EU restrictions apply

Dosage & Inclusion

Animal	Purpose	Dose	Duration
Poultry (broiler, layer)	Growth promotion/diarrhea control	300–500 g/MT	5–7 days
Swine (weaner/grower)	Growth/diarrhea prevention	400–600 g/MT	
Swine (finisher)	Growth improvement	400–600 g/MT	

Typical feed inclusion ranges from 60–600 mg Maxquinol/kg feed (~100–600 g/ton) or as advised by a veterinarian/ Nutritionist.

Safety & Handling:

- Minimize dust; wear protection during handling
- Store in a cool, dry place

Packaging:

- 1 kg laminated pouch in 25Kg HDPE-lined bags

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