



WHAT IS COCCIDIOSIS?

Coccidiosis is a widely occurring, infectious disease that has a substantial economic impact on the worldwide poultry industry. The disease is caused by single-cell protozoa, commonly referred to as coccidia, which affect the digestive tract. There are six principle species of coccidia named *Eimeria* that infect poultry. Coccidiosis is characterized by lethargy, paleness of the comb, diarrhea, reduced performance, the occasional occurrence of blood in the droppings, and in the most severe cases, mortality.

BENEFITS OF COCCI-GUARD™

- Effective against all six primary *Eimeria* species, especially against *Eimeria tenella*
- Safest anticoccidial available
- No tissue residue
- No withdrawal period
- Compatible with antibiotics
- Low potential for resistance development

Cocci-Guard™ is a product of **DPI GLOBAL** of Porterville, California. **DPI GLOBAL** has been the leader in the application of saponin technology for agriculture and animal nutrition for over 40 years.



DPI GLOBAL

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Cocci-Guard™

From DPI GLOBAL

Anticoccidial Feed Additive



Proven Technology for the Control of Coccidiosis

WHAT IS COCCI-GUARD™?

Cocci-Guard™ is an all-natural, environmentally safe feed additive, proven to effectively control all six primary *Eimeria* species of coccidia.

Cocci-Guard™ is manufactured from the purest and highest quality ingredients, resulting in uniform physical characteristics and consistent performance.

WHAT DOES COCCI-GUARD™ DO?

Cocci-Guard™ has anti-protozoal properties that aid in eliminating *Eimeria* coccidia.

Cocci-Guard™ reduces coccidiosis, allowing for improved animal health and performance.

WHY USE COCCI-GUARD™?

BROAD SPECTRUM COVERAGE

- Effective against all six primary *Eimeria* species
- Especially effective against *Eimeria tenella*

Effectiveness of Cocci-Guard™ in Controlling Coccidiosis

TREATMENT	Mortality, %	Weight Gain, gm	Feed: Gain	Lesion Score		
				Upper	Middle	Cecal
Control, Uninfected	0.0	316.3	1.63	0.00	0.00	0.00
Control, Infected	16.7	225.3	2.15	3.27	3.03	3.17
Cocci-Guard™, 500 ppm	0.0	256.3	1.76	2.57	2.63	2.10
Salinomycin, 60 ppm	6.7	269.7	1.85	2.13	2.90	2.90
Monensin, 90 ppm	3.3	258.7	1.90	1.97	2.43	2.97
Maduramicin, 5 ppm	0.0	269.3	1.85	2.10	2.27	2.60

Effectiveness of Cocci-Guard™ in Controlling Coccidiosis

TREATMENT	Weight Gain, gm	Feed: Gain	Lesion Score		
			Upper	Middle	Cecal
Control, Uninfected	355	1.49	0.00	0.00	0.00
Control, Infected	325	1.59	2.73	1.20	2.23
Cocci-Guard™, 500 ppm	355	1.48	1.57	0.43	1.00
Salinomycin + Roxarsone	350	1.47	1.57	0.50	0.53
Monensin + Roxarsone	356	1.44	1.77	0.53	0.57
Maduramicin + Roxarsone	358	1.45	1.43	0.53	0.43

SAFETY

- Studies demonstrate a high level of safety

Safety of Cocci-Guard™

TREATMENT	Weight, kg	Feed Intake grams/day	Feed:Gain
Control	2.03	96.4	2.00
Cocci-Guard™ (1X), 500 ppm	2.14	100.5	1.98
Cocci-Guard™ (3X), 1,500 ppm	2.10	99.3	1.99
Cocci-Guard™ (10X), 5,000 ppm	2.06	96.4	1.97

- Not absorbed from the gastrointestinal tract and thus produces no tissue residue
- Requires no feed withdrawal period
- Biodegradable

VERSATILITY

- Provides a flexible option for anticoccidial programs
- Safe for use in poultry of all ages
- Works under all ranges of environmental temperatures
- Compatible with all feed additives
- Low potential for coccidia resistance development

WHAT IS THE COCCI-GUARD™ DOSAGE?

Cocci-Guard™ is to be mixed into broiler feeds at the rate of 500 to 1,000 grams per metric tonne of complete feed.

Visit your DPI GLOBAL representative for further information.

