



ANITOX
SECURITY THROUGH SCIENCE™

Performance protection starts here

Feed is your largest investment
Safeguard it with Termin-8 Powder



Termin-8 Powder offers the highest level of pathogen control in feed and has a residual protection that lasts up to 21 days after application.



Works fast, protection lasts for 21 days

Continuous use will control pathogens to produce a cleaner feed, maximizing the nutritional value of diets.

Benefits that have been observed include:

- Improved FCR
- Better growth rates
- Reduced mortality (especially in younger animals)
- Reduced antibiotic usage



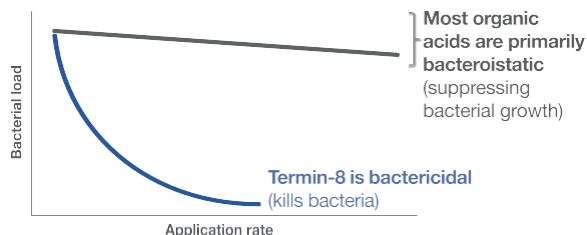
Tried and trusted

Termin-8 is used throughout the world, including major poultry breeding companies.



More effective in reducing pathogens than organic acids

Schematic for the response of Termin-8 versus organic acids on bacteria count in feed



More effective in reducing pathogens than normal conditioning and pelleting process

PRODUCT DESCRIPTION

A synergistic blend of organic acids, essential oils and surfactants on a free-flowing carrier.

APPLICATION

Termin-8 Powder can be applied in feed or to raw materials such as fish meal or soya-bean meal.

INCLUSION LEVEL FOR TERMIN-8 POWDER

The recommended application rate is based on the expected or known level of bacterial contamination and the amount of risk that the feed producer is prepared to take. Recommended levels are:

Animal feed	1 - 2 kg / MT
Feed for animals at higher risk	2 - 4 kg / MT
Treatment of raw materials	2 - 6 kg / MT

Anitox advisors provide information about local regulations governing usage.

PATHOGEN CONTROL SERVICE

Anitox offers extensive support through laboratory analyses and in-house expertise in pathogen control. This ensures an effective pathogen control program and safe use of Termin-8 Powder.

SAFE FOR HUMANS AND ANIMALS

- No residues in meat or eggs
- No adverse effects on animals when used at recommended rates



Termin-8 Powder, Performance Protection Starts Here

BENEFITS CONFIRMED BY INDEPENDENT, IN-HOUSE AND PRACTICAL RESEARCH

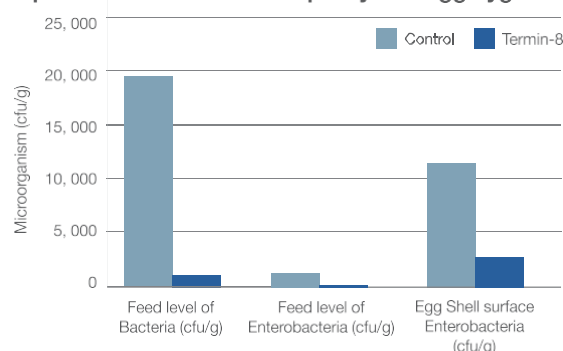
Effect of Termin-8 in Broilers - Ten field trials involving a total of 3.86 million birds were conducted with different poultry companies in Latin America.

Conclusions: Treatment of feed with Termin-8 decreased the level of microbial contamination and improved animal performance.

Cleaner feed gives better performance

Parameter	Control	Termin-8	Difference
Liveweight (kg)	2.33	2.33	0
FCR (g/g)	1.832	1.787	0.045
Mortality (%)	4.04	3.42	0.62
Culls (%)	2.05	0.94	1.11
Feed Quality			
Mold (cfu/g)	3,972	1,072	2,900
Bacteria (cfu/g)	47,451	7,536	39,915
Enteros (cfu/g)	2,480	259	2,221
Salmonella (% positive)	10	0	10

Impact of Termin-8 in feed quality and egg hygiene



Effect of Termin-8 in Eggs - Piedmont Research Station, Salisbury, North Carolina, USA

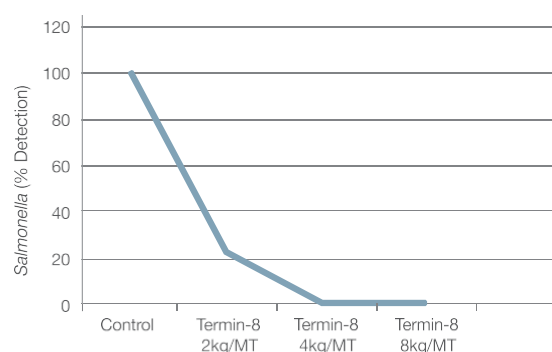
Conclusions: Treating the feeds with Termin-8 improved feed quality and egg hygiene.

Effect of Termin-8 on Recontamination* – Anitox Laboratory Lawrenceville, Georgia, USA

Conclusion: Termin-8 Powder provides extensive protection against *Salmonella* when applied at a minimum of 4kg/MT.

* Samples contaminated with *S. typhimurium* 19 days after production, samples tested 48h after contamination.

Residual effect of Termin-8 Powder on *Salmonella*



ANITOX®
SECURITY THROUGH SCIENCE™

North America

Global Headquarters
1055 Progress Circle,
Lawrenceville, GA 30043-4646, USA
T +1 678 376 1055
F +1 678 376 1413
anitox@anitox.com

Europe, Middle East & Africa

7 Regent Park, Booth Drive
Park Farm, Wellingborough
Northamptonshire
NN8 6GR United Kingdom
T +44 1604 811228
F +44 1604 811013
anitoxEMEA@anitox.com

Latin America

Rua Urussui 92, Cj 66, Itaim Bibi
São Paulo, Brazil 04542-050
T +55 11 4119 3992
F +55 11 2157 9122
latinamerica@anitox.com

Asia Pacific

S-08-09, 8th Floor, First Subang
Jalan SS15/4G, Subang Jaya 47500
Selangor DE, Malaysia
T +60 3 5612 9800
F +60 3 5612 9802
anitoxasia@anitox.com

Anitox is dedicated to the improvement of milling efficiency and the control of microbes and pathogens in feed, food and fermentation applications worldwide. We understand how feed mills work, developing and implementing our advanced pathogen control solutions and performance-enhancing systems to optimize milling operations. Our science-driven approach safeguards animal health and welfare, our food chain, and the efficiency and sustainability of the feed and biofuels industries. Regulations vary by region. Please check local regulations for specific application. For further information on any of our products please visit www.anitox.com

www.anitox.com