



Red Mite

Natural protection for poultry farms



¿Red Mite? ACARISIN TM

The natural solution to red mite infestations in poultry farms

The Red Mite Problem

Dermanyssus gallinae is one of the most common pests in poultry farms, causing significant damage to animal health and production yields.



Blood Sucking

Causes inflammation and chronic itching



High Stress

Reduced feed consumption and egg production



Disease Transmission

Spreads Salmonella and other bacteria



Chemical Control Failures

Current chemical-based control methods are unsatisfactory according to producer surveys.

Production Interference

Cannot be applied with animals present or during production periods

Egg Waste

Eggs must be discarded during and after chemical application

Safety Concerns

Requires special protective measures, toxic to animals and workers

Environmental Impact

Not eco-friendly, unpleasant odors, harmful residues

Market studies show red mite is a universal problem requiring safe, economical, and effective solutions.

Introducing ACARISIN™



A revolutionary natural-mineral product developed by ND Pharma & Biotech, free from chemical-toxic complications with complete safety and guarantee.



Legal Compliance

☐ ACARISIN™ is a food-grade industrial product exempt from Biocide Registry requirements under EU existing regulations.

Its classification as a food product, mechanism of action, and component composition specifically exclude it from biocide regulations.

About ND Pharma & Biotech

A biopharmaceutical and biotechnology company operating in national and international markets, specializing in raw materials and specialized products.



ACARISIN™: Safe, Economical, Efficient



Food-Grade Innovation

Edible, harmless to animals and environment



Safe Application

Apply with animals present, no protective equipment needed



No Egg Waste

Eggs remain safe for consumption after treatment



Long-Lasting

100% efficacy against parasites and larvae within 1-14 days

Provides micronutrients and mineral salts while protecting your flock.

Technical Specifications

Product Details

- Brand: ACARISIN™
- Manufacturer: ND Pharma & Biotech
- Ingredients: Sodium HCA + Mineral Salts + SiO₃ (Under Single Grain Fusion Technology)
- Purity: 98.5% to 101.5%
- Packaging: 25kg bags

Compliance

- EU Regulation CE 1925/2006 & 1170/2009 & 1333/2008
- Directive 2008/84/CE, 2000/63/CE
- F.C.C. 6, RD 1466/2009
- Clean label: Regulation CE 1169/2011





Application Instructions



Simple Application

Dust after routine cleaning, focusing on ducts, corners, cages and humid areas. Apply directly on animals via dusting or micro-diffusion.



Enhanced Treatment

For heavy infestations, use water solution or higher doses. Reaches hidden areas where red mites hide during the day.



No Egg Disposal

Food-grade formula means eggs remain safe for consumption. Actually reduces bacterial contamination on shells.



Safe for All Ages

Natural mineral blend, non-toxic, suitable for animals of all ages. Acts physically by breaking insect barriers.



Usage Recommendations

Dosage

3g per adult bird, no egg disposal required. Provides long-term control of inaccessible mites without toxicity.

Application Tips

Direct contact with animals essential. Keep treated areas dry. Apply generously in hiding spots. High humidity (+75%) requires more generous application.

Outdoor Use

Unlike other formulations, ACARISIN™ has adhesive properties for outdoor use on free-range birds, crops and orchards.

Life Cycle Management

Consider insect life cycles. Ensure complete facility treatment. Activity ranges from 24-48 hours to 14 days. More frequent applications recommended initially.

Best Practices

Night Application

Treat during nighttime when red mites are most active for maximum effectiveness.

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Age Restrictions

Do not apply to birds under 7 days old. Use moderately on small birds. Avoid eyes.

Repeat as Needed

Red mites can survive away from hosts up to 36 weeks. Repeat applications until infestation resolved.

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Long-Lasting Protection

Slow-release micro-granules remain effective up to 6 weeks depending on conditions.

Effective against blood-sucking pests including lice, fleas and ticks.



Natural Protection Against Hidden Dangers

ACARISIN™ provides comprehensive protection through natural mineral ingredients, keeping your poultry healthy and productive.

ACARISIN™

100% Natural

Mineral edible product designed for food protection

Multi-Purpose

Acaricide, insecticide, miticide, fungicide, ovicide, larvicide

Food-Grade

Made from mineral salts and ingredients. Clean label, edible for recipes

Globally Approved

EU Reg.CE 1925/2006, 117072009 and 1333/2008, FDA GRAS certified ingredients

Multiple uses and applications with worldwide approved ingredients for bakery, confectionery and more.



NDPharma

Innovative biopharmaceutical solutions for global agriculture

The Company

ND Pharma & Biotech Co. was founded in 2009 and incorporated in England and Wales in 2012. We bring world-class science and innovative products to the global marketplace.

With 53 direct employees and 300 indirect worldwide, we serve customers across the EU and beyond with cutting-edge solutions.

Our Mission

ND Pharma & Biotech delivers innovative products, materials and services to solve global challenges in healthcare, pharmaceuticals, food & nutrition, and agriculture.

Quality Products

APIs, intermediates, reagents, and rare chemicals for manufacturers worldwide

Global Reach

60% of sales within EU, with operations across multiple continents

Sustainable Solutions

Reducing dependence on toxic chemicals while protecting life and environment

Global Presence

Our global network of sales representatives ensures international presence across continents, supporting production, marketing and commercialization worldwide.

Extensive Product Portfolio

01

450+ Basic Products

Biochemicals, molecules,
pharmaceutical and healthcare
solutions

03

150,000 NCEs

Novel chemical entities and building block molecules for innovation

02

62,500 References

Fine chemicals and industrial
products for diverse applications



Our Brands

42 Food & Nutrition Brands

Including 21 PRESERFOOD™ single-family brands

16 Agri-Business Brands

Innovative solutions for modern agriculture

23 OTC Products

Healthcare solutions for consumers

9 Consumer Brands

Water, specialty and industrial products

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Business Divisions



BioResearch

Testing solutions and research services



Pharma & Biotech

Life science and nutrition ingredients



Agriculture

Microbial control and performance solutions



Materials Science

Custom chemical and biological manufacturing



Personal Care

Development services and specialized products



Industrial & Fine Chemicals

Specialized chemical solutions and manufacturing

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Ready to protect your poultry farm with ACARISIN™?

Contact us today for more information and to place your order.

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