

RED MITE INNOVATIVE SOLUTION ACARISIN TM





Suitable for use in Organic Farming Systems:

ACARISIN TM contains only pure and natural-mineral ingredients. The product was developed for use in intensive rearing, breeding and egg laying units and is also suitable for use in organic farming systems, as it falls into the exempt category of products than mandatory should be registered as biocides.

ACARISIN $^{\text{TM}}$ is a **food product** for industrial use and therefore is exempt from inclusion in the Register for Biocides. In accordance to its individual components, functional and legal classification as well as the mechanism of action and the technology provided, the compound is specifically excluded from the requirements of Directive 98/8/EC of the European Parliament and of the Council of 16 February 1998 concerning the placing of Biocide products, on the grounds of the precepts established within Article 1, Paragraph 2, Sections i) and j) of that mentioned legal norm and statute .

ACARISIN ™ formulation uses only 100% natural mineral salts and other mineral origin ingredients known for their excellent properties to thoroughly rid poultry and other birds of all types of mite and lice. Its active ingredient is a synergized mixture assembled under proprietary technology as one ingredient (single grain fusion), all of which are proven very effective for this purpose. Never use chemical based products in conjunction with our natural products as this could render ours useless.





Best time to apply ACARISIN ™:

The best time to treat the birds is during the evening, because Red Mite are nocturnal and so feed on the birds as they roost at night. Apply in accordance with the directions for use, directly onto the birds.

Directions for use — ACARISIN TM Powder application:

Always read the label and product information before use.

Diffusion through water on premises, ceilings, storages, grounds, cages, trucks, and any surface in contact as necessary during farming periods till you reach the top efficacy against the infestation detected.

Regarding Red mite, please note that this is a nocturnal creature so it's best to dust the birds before lights out. Dim the lights as low as practically possible to avoid any undue agitation amongst the birds. The powder can be dusted onto the birds and added to the dust bath. Do not apply to birds & poultry under 7 days old and apply sparingly to small birds. Thoroughly dust the birds with the Red Mite Powder, avoiding the eyes. Repeat application as necessary dependant upon infestation and until you are on top of the problem.

Don't forget that red mite can live away from the bird for up to 36 weeks. ACARISIN™ can be used on other blood sucking pests such as Lice, Fleas and Ticks.

Powder remain in grounds and premises will continue being effective and lasting for weeks.

Staying power:

ACARISIN TM contains minute slow release granules that can remain effective for up to six weeks - depending upon infestation and weather conditions.









INNOVATIVE SOLUTIONS TO ELIMINATE RED MITES

To cope with these disadvantages and propose a solution based on an in-feed patented non medicated mixture of MINERAL SALTS and NUTRIENTS to farmers, ACARISIN ™ has been tested in a large scale field trial involving several French farms encountering PRM problems.

EFFICIENCY TRIALS: MATERIALS AND METHODS

Twenty four (24) farms representing a total of 1.650,000 hens, encountering PRM problems were selected (7 farms in cages and 7 free range). The methods consisted of evaluating PRM population in the buildings before and after the inclusion of ACARISIN TM application..

The number of PRM in each trap was measured by counting under a microscope.

The test was performed during 15 to 25 days.

The effect of the treatment was evaluated by calculating the reduction of the population of PRM found in the traps after the treatment, as a percentage of the population found before the treatment (initial population).

Results of the 24 tests showed a reduction in the PRM population after using ACARISINTM up to 92% of the initial population. On average, the reduction of the PRM population was 85%

CONCLUSION

This large scale field study has enabled to validate ACARISINTM as a new non medicated alternative approach to efficiently manage red mite infestation in farms even during production period presenting the advantage to be easy to use as it can be included in feed and sprayed or diffused during (15 day treatment approximately 3 to 4 times per year).

ACARISIN[™] can be used preventively, starting use at the arrival of a new flock to keep red mite levels low thereby decreasing economic losses and discomfort for the farmer.



ACARISIN TM

FOOD PROTECTING FOOD



NO BALANCE SHEET HAS A LINE FOR SALMONELLA

A SINGLE PRODUCT RECALL CAN COST MILLIONS OF DOLLARS TO FOOD & BEVERAGE COMPANIES WORLDWIDE. MOST OF SUCH COMPANIES UNDERESTIMATE SUCH SITUATIONS. IN THE MEANWHILE EVERY DAY INDUSTRY EXPOSURE TO FOODBORNE RISKS IS CREATING DANGER TO THE BUSINESS' BALANCE SHEET IN OTHER ASPECTS THAN ECONOMIC DAMAGES AS REPUTATIONAL DESTRUCTION, CUSTOMERS DISTRUST AND BOTTOM LINE CONSUMER'S CONFIDENCE LOOSENING.

Sterifoodtm

BECAUSE DANGER IS EVERYWHERE