



Laying hens



In feed aromatic repellent

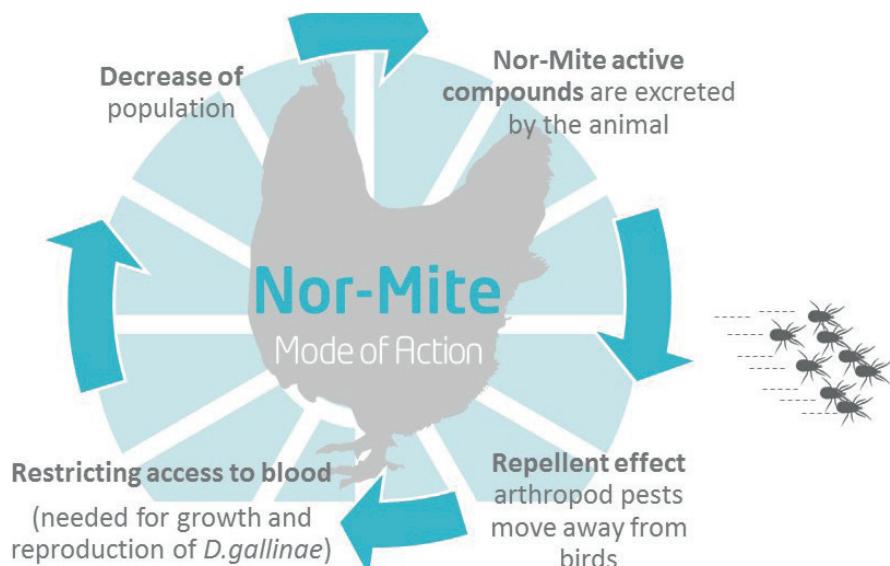
Nor-Mite is a mineral feed composed of plant extracts such as *Eugenia caryophyllus* (clove) and *Cymbopogon nardus* (lemongrass).

Nor-Mite has repellent properties against some arthropods such as *Dermanyssus gallinae*, and flies.

Product Highlights

- ▶ 100% natural
- ▶ Results observed after a short period
- ▶ No negative effect on feed consumption and zootechnical performances
- ▶ Ease of use
- ▶ No organoleptic impact
- ▶ No additional labor cost
- ▶ Can be incorporated in a preventive program

Mode of action

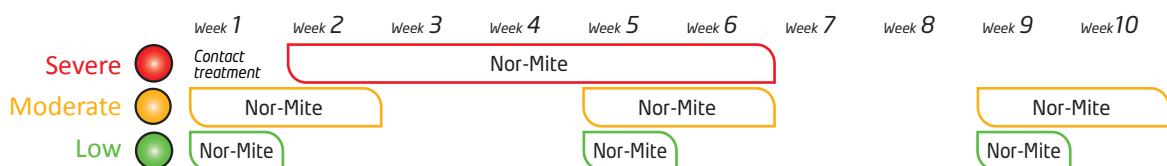


Instruction for use



Powder	0.5Kg/T of complete feed
Nucleus	0.16Kg/T of complete feed
Liquid	0,1L/1000L of drinking water ; can be used for low to moderate infestations during 7 consecutive days, then 1 day per week.

Using Nor-Mite Powder in function of the infestation level



Material & Methods



Trial 1 on flies: 26 000 laying hens.

- ▶ Nor-Mite at 500 ppm during 26 days.

▶ Adhesive traps with an attractive odor (1/1000 hens) were placed in the farms during 24h. The traps were used to count the flies and observe the level of infestation. The flies were counted the first day of the trial (D0) and at the end of it.

Trial 2 on red mites: trial conducted on 22 640 German hens of 35 weeks-old, in a Portuguese commercial farm during 36 days.

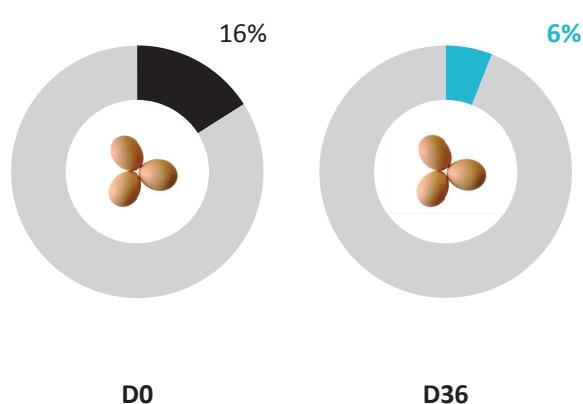
- ▶ Nor-Mite was used in feed at an inclusion rate of 500 ppm. The % of blood stained eggs was counted at D0 and D36.

Results

Trial 1: a significant fly population decrease



Trial 2: smaller percentage of blood stained eggs



Conclusion

The use of 500 ppm of **Nor-Mite** in laying hens farm:



- ▶ Decreases the fly infestation
- ▶ Showed through previous trials a 81% reduction of red mite infestation
- ▶ Increases the number of premium quality eggs, thanks to the reduction of red mite infestation
- ▶ Has no negative impact on the performances

Others trials available upon request

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