

Assessment of the red poultry mite infestation



level 0

level 1

level 2

level 3

CONDITION OF THE SURROUNDINGS

CONDITION OF BIRDS

RESPONSE

LEVEL OF INFESTATION

- Parasites are not spotted on the structural elements of the breeding halls (cages, feeders etc.)

- The condition of the birds is very good
- The egg production is satisfactory
- The consumption of the fodder and the body weight of the birds is normal
- Complete and full plumage
- Correct colour of the cockscomb

NONE

level 0

- Singular parasites can be spotted on the structural elements

- The consumption of the fodder and the egg production is normal
- The body weight of birds is correct
- Complete plumage
- Correct colour of the cockscomb
- Singular parasites are spotted on the birds

PREVENTIVE INTERVENTION

level 1

- Small clusters of the parasites can be spotted on the structural elements

- Decrease of the egg production and
- Increase of the fodder consumption
- Slight decrease in the body weight
- Irritability of the birds
- Visible partial feather loss
- Parasites are spotted on the birds

INTERVENTION REQUIRED

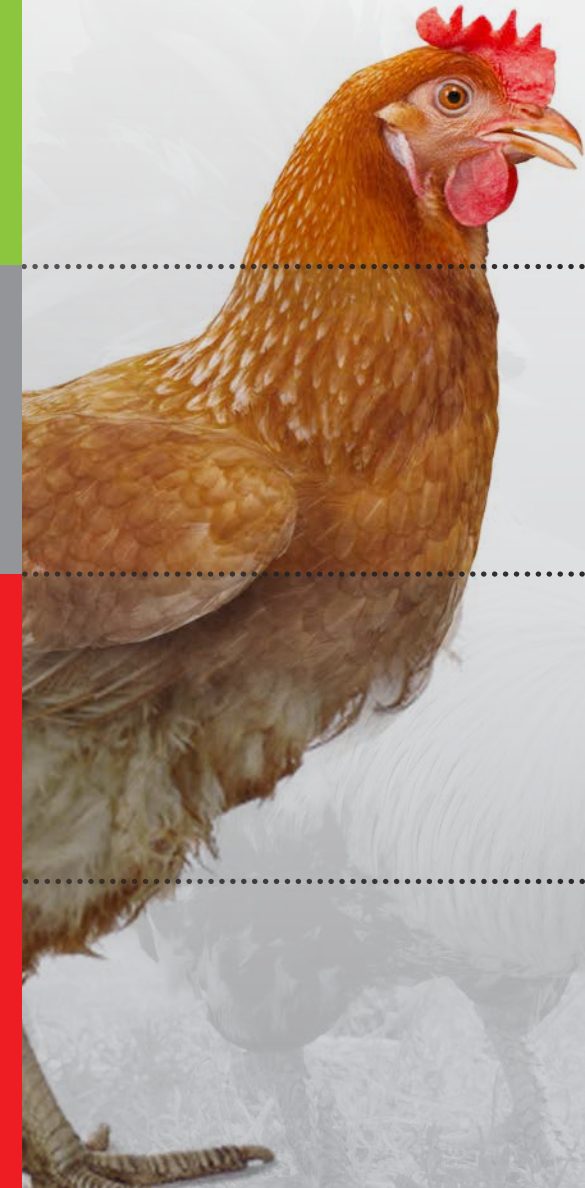
level 2

- Many clusters of the parasites can be spotted on the structural elements
- Many clusters of the parasites can be spotted around the nests

- Significant decrease in egg production
- Significant decrease in the body weight of the birds
- Incomplete plumage (skin is visible), pale cockscomb
- Weakening of the birds – birds begin to collapse
- Many parasites are spotted on the birds

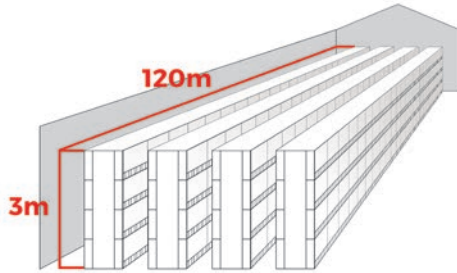
IMMEDIATE INTERVENTION REQUIRED

level 3



How much product is needed to conduct the treatment?

Battery cage housing – calculate the surface area of all the cages:



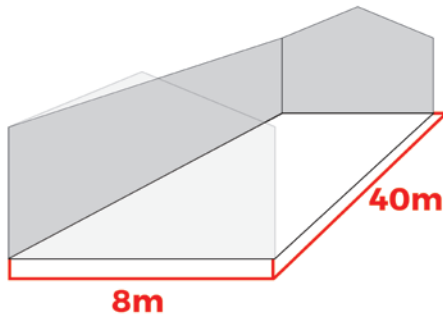
Example:

120m x 3m = 360m²
360m² x 2 (Both sides of the row) = 720m²
720m² x 4 rows = 2880m² of total area
2880m² requires 3 litres of Dergall®*.

*at a 100 ml/1 m² rate

In order to get 1% solution from 3 litres of Dergall®, 300 litres of water is required.

Deep litter housing, free range – calculate the surface of the housing area



Example:

40m x 8m = 320m² of total area
320m² requires 320 ml of Dergall®.

In order to get 1% solution from 320 ml of Dergall®, 32 litres of water is required.

**at a 100 ml/1 m² rate

How to apply Dergall®?

In order to achieve a satisfactory result of the treatment, the equipment used to conduct it should be chosen based on the size of the poultry house:

Garden, hand-operated or electric sprayer:

- flat stream nozzle with liquid usage of 0,8-1,2 L/minute,
- pressure 0,3-0,5 MPa,
- very quiet while using



Specialized pneumatic device, Sprayer:

- one-sided, regulated pole: 2,1-6,5 m in height,
- liquid usage per nozzle: 0,8-1,2 L/minute,
- freedom of setting the nozzles in various configurations,
- electric pump tank,
- quiet while using.



Frequently Asked Questions



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Efficacy and safety

in the red poultry mite control in the poultry housing systems