

Influence of Wilms® Hygienic Wood bedding material on the health of broiler chickens

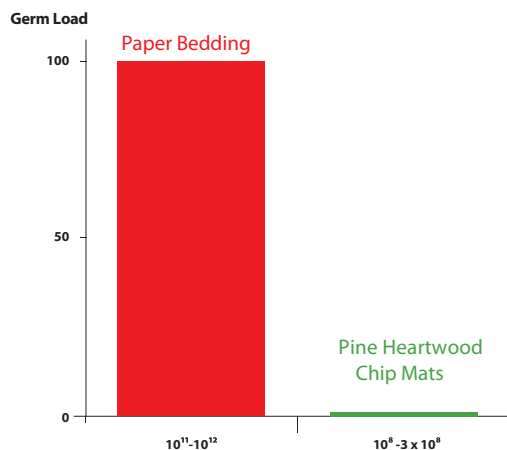
Objective

To what extent can Wilms® Hygienic Wood bedding impact the chickens' health?

Procedure

Compare pine heartwood mats to common paper bedding materials used for raising chickens. The paper bedding and pine heartwood mats were used in separate cages with 25 adult broiler chickens each. After one day, the TH Hannover Aussenstelle Bakum examined the chickens.

The investigation was carried out at a chicken-breeding farm in Wall Horst-Lechtingen, Germany.



Comparison of totals *

Results

The bedding made of pine heartwood has more than two powers of ten less bacteria than the bedding made of the conventional paper bedding.

Conclusion

Using Wilms® pine heartwood for bedding and for surfaces where the animals walk, makes a significant impact on the health of the animals. Besides the reduction of bacteria, fungi and mites, the wood influences the environment of the pet stalls in a positively by absorbing moisture and eliminating odor. Due to the considerably improved health of the animals, they often need less medication.



Implementation

German Institute for Lebensmitteltechnik,
Professor-von-Klitzing-Str. 7, 49610 Quakenbrück, 2003..

* Data: German Institute for Lebensmitteltechnik (2003): Research project, Influence of Wilms® Hygienic Wood bedding material on the health of broiler chickens; Graphical composition: Fa. Wilms GmbH

