### European Union Reference Centre for Animal Welfare Poultry SEA









# PULLETS ACCESS TO LITTER FOR DUSTBATHING

Provision of litter is needed for exploratory, playing and foraging behaviours and comfort in general, specifically for dustbathing.

## $\overline{DUSTBATHING}$ is recognized as a behavioural need.



Removing excess of lipids by dustbathing is critical for **preserving** the thermoregulatory properties of the plumage.

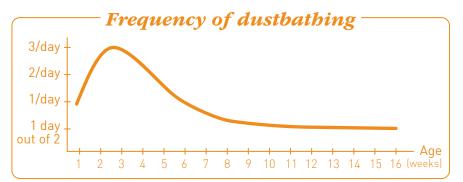
Poultry are highly motivated to perform dustbathing, specifically with substrates with small particle size such as peat or sand.





## FROM WHEN SHOULD PULLETS HAVE ACCESS TO SUITABLE LITTER?

Pullets should have access to appropriate, dry and friable substrate from **DAY 1** until departure.



**Necessary** to ensure acceptance of substrate!

If not present shortly after hatching, proper developement of dustbathing behavior may not occur (even later).

## CONSEQUENCES OF DISRUPTED DUSTBATHING OR ABSENCE OF LITTER





#### FEATHER PECKING OR CANNIBALISM

May develop as redirected dustbathing behaviour in the absence of suitable litter.



#### **NEGATIVE IMPACT ON WELFARE**

Inability to perform dustbathing can lead to frustration, discomfort and stress.



## **FEATHER DAMAGE**

Sham dustbathing (dustbathing even in the absence of litter) could lead to feather damage due to contact with abrasive surfaces (wire cages or concrete).

## For any questions or suggestions regarding this document, please contact

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