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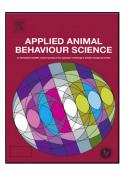
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## ACCEPTED MANUSCRIPT

Laying hens performing gregarious nesting show less pacing behaviour during the pre-laying period

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#### Research Highlights

- There was no relationship between nesting behaviour and body weight, fear, sociality or dominance hierarchy.
- Intermediary nesters performed more pre-laying pacing behaviour compared to gregarious nesters.

#### **Abstract**

The phenomenon of gregarious nesting occurs when hens choose to enter and lay their eggs in a nest box which is already occupied by one or more hens, even when an empty nest box is also available. It has been suggested that inexperienced hens copy the nest selection preferences of experienced hens until their own preferences have developed. In addition, gregarious nesting has been found to be an

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