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Authors: Subrata Chowdhury, Guru Prasad Mandal, Amlan

Kumar Patra

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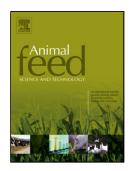
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### ACCEPTED MANUSCRIPT

#### Animal Feed Science and Technology

Different essential oils in diets of chickens: 1. Growth performance, nutrient utilization, nitrogen excretion, carcass traits and chemical composition of meat

Subrata Chowdhury, Guru Prasad Mandal\*, Amlan Kumar Patra\*

Department of Animal Nutrition, West Bengal University of Animal and Fishery Sciences, Kolkata 700037, India

\*Corresponding author.

E-mail address: patra\_amlan@yahoo.com (A.K. Patra); gpmandal1@gmail.com (G.P. Mandal)

#### **Highlights**

- Dietary cinnamon essential oil (CNO) increased growth performance in broiler chickens.
- The use of CNO in diets increased nutrient utilization in broiler chickens.
- Nitrogen excretion per unit of live weight or meat was reduced by CNO.
- Carcass traits and fatty acid profiles were not affected by CNO.
- Clove and ajwain essential oils did not influence any of the responses.

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