

EFFECTS OF SLATTED AND GROUND FLOOR BARNs ON THE BLIGON GOATS HEALTH CONDITIONS IN IMOIRI, PAJANGAN, AND SANDEN DISTRICT BANTUL REGENCY

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ABSTRACT

This study was aimed to observe the effects of slatted and ground floors on the Bligon goats health conditions in Bantul Regency. Thirty-nine farmers of slatted floor barn owner and 32 farmers of ground floor barn owner were used as respondents. Data was collected using farmer interviews and direct observation methods. The data collected were analyzed by qualitative and quantitative descriptives. The result showed that 79,49% of slatted floor and 80,65% of ground floor barn farmers were in the productive age, 33,33% of slatted floor barn farmers were graduated from senior high school and 37,50% of ground floor barn farmers were only graduated from elementary school. The construction of goat barns for farmers showed that 74,36% of the slatted floor and 62,50% of the ground floor barns stretched from north to south, 76,92% of the slats were made of bamboo, 69,23% were parallel to the feeder, and the distance between slats was $0,58 \pm 0,14$ m, 61,54% of the slatted floor and 78,12% of the ground floor barn had floor space which was more than standard. Most of the incidents where goats were pinched were in slatted barns on bamboo slats (53,33%), slats that led perpendicular to the feeder (58,33%), round slats (75,00%), and slats that were 1,7 cm or more apart. Most (53,85%) of slatted barns were in clean, and only 34,38% of ground floor barns were in clean condition. There were no goats in slatted barn that had abnormal claws, and there were 3,12% of goats in ground floor barn that had abnormal claws. As much as 5,13% of goats in slatted barns and 15,63% of goats in ground floor barns were found to suffer from scabies. No goats in slatted barns had pneumonia, and there were 3,13% of goats in the ground floor barns that had pneumonia. As much as 5,13% of goats in slatted barns and 3,13% of goats in ground floor barns were found to suffer from bloat sickness. It is concluded that the slatted floor barn had a high risk of being pinched, while the ground floor barn had a high risk of dirtiness and sickness, especially scabies and pneumonia.

Keywords: Bligon goats, Slatted floor and ground floor barns, Pinched, Sickness