

ABSTRACT

BROILER PERFORMANCE IN CONVENTIONAL BROODING SYSTEM AND THERMOS BROODING SYSTEM

Rani Fatmaningsih

This study purpose to determine the performance of broiler in the conventional brooding system and the thermos brooding system; and to know the best brooding system on the performance of broiler. The research was conducted from December 4, 2015-January 3, 2016, in the Experiment farm of PT Ramajaya. Broiler used are a broiler strain new lohmann aged 0--14 days as many as 200 individuals. Experiments based on case studies. The study used two brooding systems, namely P1: Conventional brooding system; P2: Thermos brooding system. The results showed that the performance of broiler in thermos brooding system such as feed intake, body weight, and feed conversion is better than the performance of the conventional brooding system.

Keywords : broiler, brooding systems, performance

ABSTRAK

PERFORMA BROILER PADA SISTEM BROODING KONVENTSIONAL DAN SISTEM BROODING THERMOS

Rani Fatmaningsih

Penelitian ini bertujuan mengetahui performa *broiler* pada sistem *brooding* konvensional dan sistem *brooding thermos*; serta mengetahui sistem *brooding* terbaik terhadap performa *broiler*. Penelitian ini dilaksanakan dari 4 Desember 2015--03 Januari 2016, di Kandang Percobaan PT Ramajaya Farm. *Broiler* yang digunakan adalah *broiler strain new lohmann* umur 0--14 hari sebanyak 200 ekor. Percobaan berdasarkan studi kasus, mengenai penggunaan dua sistem *brooding*, yaitu P1 : Sistem *brooding* konvensional; P2 : Sistem *brooding thermos*. Hasil penelitian menunjukkan bahwa performa yang dihasilkan pada sistem *brooding thermos* seperti konsumsi ransum, pertambahan berat tubuh, dan konversi ransum lebih baik dibandingkan dengan performa pada sistem *brooding* konvensional.

Kata kunci : *broiler*, sistem *brooding*, performa