

Reproductive performance of Bali cattle following artificial insemination in Bali

K. Mohamad¹, I P Sumantra², B. Colenbrander³ and B. Purwantara¹

¹ Faculty of Veterinary Medicine, Bogor Agricultural University, Indonesia

² Livestock Services, Province of Bali, Indonesia

³ Faculty of Veterinary Medicine, Utrecht University, Netherlands

(E-mail: kusm20@yahoo.com)

Abstract

Bali cattle, domesticated of Banteng (*Bos javanicus*). is one of the important beef breeds in Indonesia. Reproductive performance data of Bali cattle from 5 176 services and 2940 cows were collected from Jan 1998 to Sep 2003 during an AI program in Bali. Non-return rate (65%), service per conception (1.7), and conception rate (58.3) were comparable with other reports, both on Bali cattle and other breeds. However, calving interval (41 1±64 d) and days open (1221±64 d) were longer than other breeds. In addition, there was a difference in conception rate between year and bull and number of services per month related to production site (A1 centre).