REPRODUCTION PERFORMANCE OF ETTAWA CROSS GOAT AT SENDURO DISTRICT, LUMAJANG REGENCY, EAST JAVA

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ABSTRACT

This study was conducted in traditional Ettawa cross goat farm from Nopember 2013 to February 2014 at Senduro District, Lumajang Regency, East Java. The purpose of the research was to evaluate reproduction performance of female cross ettawa goat. The material used in this research were 60 heads of female PE goat, it has 13 breeders at Senduro District, Lumajang Regency, East Java. The criteria of the female cross ettawa goat that is used as sample are having kid twice, 2-5 years old, and active in reproductive process. The study used survey method. This research used primary and secondary data. The primary data were collected from farmers interview. The secondary data were obtained from farmers recording. The observed variables were services per conception, conception rate, litter size, kidding rate, kidding interval. Result showed that performance of reproduction PE goat at Senduro District, Lumajang Regency were services per conception 1.33, conception rate 71.9%, litter size 1.85, kidding rate 185%, and kidding interval 226 days. The female cross ettawa goat at Senduro District had good enough reproduction performance.

Key words : reproductive performance, cross ettawa goat