Status Condition Artificial Insemination Program Achievement in Dairy Cattle
Results of Artificial Insemination in The Highlands and Lowlands in The
Work Area of KUTT Suka Makmur Grati

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ABSTRACT

This aims study to determine how large numbers service per conception (s/c),
conception rate (CR), calving rate (CvR), days open (DO), calving interval (CI) and
the fertility status (FS) in the state of achievement program of artificial insemination
in dairy cattle artificial insemination results in the highlands and lowlands in the
working area KUTT Suka Makmur Grati. the experiment began in September and
December 2014. the material used in this research is secondary data recording 100
female dairy cows in upland areas and 100 female dairy cattle in the lowlands in the
working area of KUTT Suka Makmur Grati. the method used in this research is the
collection of secondary data in the form of data of birth, marriage of data and the data
defined pregnancy. while the primary data is taken from the feed and the disease had
attacked. data were presented in a descriptive analysis. the results based on
descriptive analysis obtained S/C, CR, CvR, DO, CI, and FS respectively by 1,93,
31%, 31%, 107.56 days, 436.89 days and 33,50
for dairy cows the plateau and 2,16,
26%, 23%, 105.23 days, 455.49 days, and 31,80 for dairy cows in the lowlands. it is
recommended to farmers and inseminator to have to have a record of every livestock
reproductive cycle. the importance of knowledge about reproductive cycle for the
farmer can keep livestock reproductive success.

Key words : service per conception (S/C), conception rate (CR), calving rate (CvR),
days open (DO), calving interval (CI), fertility status (FS).