

**COMPARISON OF SERVICES PER CONCEPTION (S/C), CALVING
INTERVAL (CI) AND DAYS OPEN (DO) OF DAIRY CATTLE
IN PT. GREENFIELDS INDONESIA PARTNERSHIP
ANDKUD TANI WILIS SENDANG**

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ABSTRACT

The purpose of this research is to compare service per conception (S/C), calving interval (CI) and days open (DO) of dairy cows owned by farmers in PT. Greenfields Indonesia Partnership and KUD Tani Wilis Sendang. Method in this research was survey which aimed to get number of inseminations and calving records. Samples used were each 50 dairy cows from farmers in PT. Greenfields Indonesia Partnership and KUD Tani Wilis Sendang. The results of this research are: from PT. Greenfields Indonesia Partnership S/C = 4.14 ± 2.28 times, CI = 454.48 ± 91.41 days and DO = 66.18 ± 17.88 days, from KUD Tani Wilis Sendang S/C = 2.06 ± 1.02 times, CI = 410.80 ± 72.15 days and DO = 87.40 ± 50.81 days. From the result it can be concluded that S/C and CI in KUD Tani Wilis Sendang is better than those in PT. Greenfields Indonesia Partnership, on the contrary DO in PT. Greenfields Indonesia Partnership is better than that in KUD Tani Wilis Sendang.

Keywords: service per conception, calving interval, days open