ABSTRACT

SERVICE PER CONCEPTION AT LACTATING DAIRY CATTLE IN BALAI BESAR PEMBIBITAN TERNAK UNGGUL DAN HIJAUAN PAKAN TENAK (BBPTU-HPT) BATURRADEN PURWOKERTO CENTRAL JAVA

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The aim of this research was to determine the level of S/C and the factors value that affect the level of S/C at lactating dairy cattle in BBPTU-HPT Baturraden Purwokerto Central Java, onApril, 29th – May 13th 2014. This research used sensus method with primary and secondary data. Analysis data used regression analysis with SPSS (Statistics Packet for Social Science) program.

The result showed that the S/C at BBPTU-HPT Baturraden is 2,12±1,23. Factors affecting the value of S/C form the herds man and the cattles. On the level of cattle are the education of herds man that negatively associated with factor value 0,615, number of the cattle that positively assosiated with factor value 0,067, herdsman knowledge that positively assosiated with factor value 0,721 and the distance between the cowshed with office that negatively assosiated with factor value 0,060. Factor affecting the S/C on dairy cattle are lactation level that positively assosiated with factor value 0,174, days open that \positively assosiated with factor value 0,238, mating post partus that negatively assosiated with factor value 0,214, calving interval that negatively assosiated with factor value 0,326, lactating duration that positively assosiated with factor value 0,278 and dry period that positively assosiated with factor value 0,343.

Keyword *: Service per conception, lactating dairy cattle, factors and value*