THE EFFECTIVENESS OF GIVING HORMONES PGF2α AND PMSG AS WELL AS COMBINATION PMSG AND *h*CG PERCENTAGE OF ESTRUS *New Zealand* RABBIT

Fardilla Enfinoria

ABSTRACT

The purpose of this study was to know the effectiveness of giving hormones PGF2 α and PMSG as well as combination PMSG and *h*CG percentage of estrus *New Zeland* Rabbit with estrus synchronization method. 18 rabbits does *New Zealand* with 6 months old divide into 3 differents groups (n = 6) and at separate cages. Swab vagina has be done twice, before and after be given treatment. One group (P1) was injected with hormone PGF2 α 0,3 ml. Two group (P2) was injected with hormone PMSG 30 IU and three group was injected with combination hormone PMSG and hCG 40 IU. Injection of intramuscularly. The result of this study showed there was significantly different percentage of estrus rabbit between treatment group, hormone of PMSG 30 IU as well as the combination hormones PMSG and hCG 40 IU (P2, P3) have proven effective on the percentage of estrus reached 100 % compare with the hormone of PGF α 0,3 ml which only reached 50 %.

Key words: estrus, PGF2 α , PMSG, hCG, estrus synchronization.

 Skripsi EFEKTIVITAS PEMBERIAN HORMON PROSTAGLANDIN GONADOTROPIN F2α (PGF2α)
 Fardilla Enfinoria

 DAN PREGNANT MARE SERUM GONADOTROPIN (PMSG) SERTA KOMBINASI PMSG
 DAN HUMAN CHORIONIC GONADOTROPIN (hCG) TERHADAP PERSENTASE BIRAHI KELINCI New Zealand