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

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ABSTRACT

The purpose of this study was to know the effectiveness of giving hormones PGF2α and PMSG as well as combination PMSG and hCG percentage of estrus New Zealand 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 PGF2α 0,3 ml. Two group (P2) was injectec 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 PGFα 0,3 ml which only reached 50 %.

Key words: estrus, PGF2α, PMSG, hCG, estrus synchronization.