**Determining Effects of Use of Various Disinfectıng Materials on Hatching Results and Total Bacterial Count**

The study was conducted to identify the effects of the use of various disinfecting materials for disinfecting incubating eggs on the hatching results and total bacterial count. To this end, the disinfectants coded as A, B, C and D depending on their active ingredients. Disinfectants were compared according to their effects on the hatching results and total bacterial counts. No difference was found among groups with regard to hatchability, hatchability of fertile eggs, early, middle and late embryonic mortality, number of deformed chicks (P>0.05). As for the total bacterial count after the disinfection application, no significant difference was found among groups (P>0.05).