ABSTRACT

The effect of methanolic extract of Turmeric was studied on different haematological and serological parameters of chicks (Gallus domesticus). Different dose levels of methanolic extract selected were: 500mg, 700mg, 900mg and 1200mg. They were used to find out the LC50 and then those doses which were sublethal for the chicks were selected. Three different concentrations were selected: 700mg, 750mg and 800mg/kg body weight of chicks. Theses doses were sub lethal for the chicks and were given regularly for three weeks. During the study of different haematological and serological parameters the significant increase in number showed, if the number of dose is increased then its affect is harmful for chicks. The changes studied in different hematological and serological parameters were time and dose dependant.