ABSTRACT

The experimental work of the present study was carried out at El-Azab Poultry Research Station, Fayoum, Animal Production Research Institute, Agricultural Research Center, Ministry of Agriculture, Dokki, Egypt during the period from June to August 2011. This study included in two experiments. The objectives of the first experiment aimed to determine the effects of inclusion fennel seeds and thyme dried leaves in broiler diets on productive performance and some physiological responses. While, the aim of the second experiment was to study the effects of partially replacing of yellow corn (YC) with dill or parsley by-products in broiler diets on productive performance and some physiological responses. A total number of two hundred and forty unsexed five–day old Ross broiler chicks were equally used for the two experiments. The experimental birds of both the two experiments were randomly distributed equally into five dietary treatments, and the chicks of each dietary treatment were randomly sub divided equally into three replicates. The experimental diets were formulated to be iso-nitrogenous and iso-caloric.