

Dietary fortification with increasing doses of betaine (2.5 g/kg diet) instead of antibiotics enhanced growth performance of broilers raised under summer conditions with prolonged exposure to high temperatures. Dietary betaine altered the total protein concentrations, it increased globulins especially,  $\alpha_1$ -,  $\alpha_2$ - and  $\beta$ -globulins along with a marked reduction in albumen/globulin ratio