**EFFECT OF MAXI-ZYME IN EGG TYPE (CARI SONALI) CHICK DIET WITH VARYING PROTEIN AND ENERGY LEVELS DURING HOT-DRY SUMMER**

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In current scenario heat stress is major challenge for hot regions like India. An experiment was conducted to evaluate the effects of dietary inclusion of maxi-zyme Cat different energy and protein level on performance of egg-type chicks during hot-dry summer. After feeding a standard diet from 0-21day of age, the chicks were randomly distributed into four dietary treatment group’s viz., T1 with high energy 2800 kcal ME/kg and high protein 18.00 % (HEHP), T2 HEHP diet with maxi-zyme 0.025%. & T3 with low energy 2700 kcal ME/kg low protein 17.34 % (LELP) and T4 with LELP diet with maxi-zyme 0.025%. Each treatment is with fifty birds divided in five replicated of ten birds each. Experiment was carried out during hot-dry summer (April-May, 28.0 ±0.120C to 35.25±0.370C, Rh,%: 68.95±0.90 to 79.15±0.61). Body weight gain, Feed intake & FCR improved significantly (P<0.05) in HEHP + maxi-zyme group. H: L ratio significantly (P<0.05) reduced in maxi-zyme group at 42nd as well as 63rd day of age. Immune organ like thymus, spleen & bursa had significantly (P<0.05) higher weight in maxi-zyme group. Total protein (P<0.001), SGOT (P<0.001), SGPT (P<0.001), creatinine (P<0.05) were significantly improved while cholesterol, uric acid & ALP was significantly (P<0.001) reduced in maxi-zyme diets. Villus height & crypt depth improved significantly (P<0.001) in maxi-zyme group at 42nd as well as 63rd day. Thus it was concluded that HEHP + maxi-zyme (0.025 %) diet was beneficial for egg type starting chicks during dry summer which improve performance and reduce thermal stress.