Effect of thyme leaf powder additive to broiler breeder males diet on some semen characteristic

Dr. A. K. Shanoon                                      Dr. arkan.B. Mohmad
Coll. Of Agric. Univ. of Diyala                        Coll. Of Agric. Univ. of Tikrut

Abstract

The study was done to investigate effect of thyme leaves powder on some semen characteristic for broiler breeder males ROSS308, the study were done by use 54 male (32 wk. age) divided randomly to three treatments, first was as control group (G1), the second and third (G2, G3) were add the thyme leaves powder in 5 & 10 kg per ton diet, the semen collection was started in 36 wk and the experiment hold to 48 wk of male age.

The results showed that there were a significant increase (P<0.05) in ejaculate volume, sperm concentration, counts, movements and a significant decrease (P<0.05) in motility and abnormality for G3 and G2 compared to G1, and a significant increase (P<0.05) to G3 on G2. From this results the conclusion were that thyme have antioxidant and nutrition affection which lead to significant effect on semen characteristic.