Effects of dietary fat source on broiler carcass quality

*A. Seidavi¹, M. Poorghasemi¹, A. A. A. Qotbi¹

¹Islamic Azad University, Rasht Branch, Animal Science, Rasht, Iran, Islamic Republic of

In order to study the effect of dietary fat source in the feed of broiler chickens, an experiment had been taken place with completely randomized design with five treatments. Experimental treatments were the first treatment with 4% animal fat of tallow, the second treatment with 4% fat plant of canola oil, the third treatment with 4% plant fat of sunflower oil, the fourth treatment with 2% animal fat of tallow + 2% plant fat of canola oil and the fifth treatment with 2% animal fat of tallow and 2% plant fat of sunflower oil. Results showed addition of fat sources had significant effects on abdominal fat weight, abdominal fat percentage, full gizzard percentage, heart weight, kidney weight, timus percentage and duodenum length (P<0.05).