

ABSTRAK

Tujuan dari penelitian ini adalah untuk mengetahui pengaruh pemberian kombinasi mikromineral Fe dan Cu pada status otot dan tulang *ekstremitas posterior* serta diameter otot *peronaeus superficialis*. Hasil penelitian menunjukkan bahwa pemberian Fe 90 ppm menyebabkan peningkatan pada bobot otot *ekstremitas posterior* dan diameter otot *peronaeus superficialis*, namun kadar tersebut tidak meningkatkan bobot, panjang, maupun diameter tulang femur dan tibia. Pemberian Cu 5 ppm meningkatkan diameter otot *peronaeus superficialis*, namun tidak meningkatkan bobot otot *ekstremitas posterior* serta bobot, panjang dan diameter tulang femur maupun tibia.

ABSTRACT

The research was to know the effect of dietary combination of micromineral Fe and Cu on muscle and bone. It has been done to the chickens. The result showed that dietary 90 ppm Fe was able to increase *ekstremitas posterior* muscle weight, and increase diameter of *musculus peronaeus superficialis* muscle fibers, but it couldn't promote weight, length, diameter of femur and tibia bone. And dietary 5 ppm Cu was able to increase diameter of *musculus peronaeus superficialis*, but it couldn't promote weight of *ekstremitas posterior* muscle, also weight, length, diameter of femur and tibia bone.