

**THE EFFECT OF SEMICONDUCTOR LASER SHOOTING ON
GROWTH POINT TO THE BODY WEIGHT OF MALE HYBRID DUCK**

(Anas platyrhynchos domesticus)

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ABSTRACT

The aim of this research was to know the effect of semiconductor laser to the body weight of male hybrid duck. The acupuncture point used were *Hu Men* (ST-4) / digest point, *Bei Ji* (HT-1, BL-13 ,BL-15) / heart and lungs and *Gou Hou* (BL-64) / growth point. This research used 18 head male hybrid duck divided into 3 groups of treatment which are control group (P0) without semiconductor laser shooting, treatment 1 (P1) with 0.2 joule semiconductor laser shooting, and the last one (P2) with 0.4 joule semiconductor laser shooting. The data was analyzed using ANOVA (*analysis of variance*), with the further test Tukey HSD. Statistical comparison between P0, P1, and P2 showed there is a significant difference ($p < 0,05$). The laser shooting treatment can increase the body weight of male hybrid duck (*Anas platyrhynchos domesticus*).

Key words : male hybrid duck, body weight, semiconductor laser.