

UJI EFEK ANDROGENIK FORMULA “ESAG” TERHADAP PERTUMBUHAN JENGER ANAK AYAM

Savitri Novianty, 2006

Pembimbing : (I) Lucia E. Wuryaningsih, (II) Ryanto Budiono

ABSTRAK

Telah dilakukan penelitian untuk menguji efek androgenik dari formula “ESAG” yang merupakan kombinasi daun tapak liman (*Elephantopus scaber* L.) dan rimpang lengkuas merah (*Alpinia galanga* (L) *swart* var.merah) perbandingan 1:1 dengan dosis 1.4 g/kg BB terhadap pertumbuhan jenger anak ayam *white leghorn Daily Old Chick* (DOC). Hewan coba dibagi menjadi 2 kelompok yaitu kelompok kontrol dan kelompok uji. Kelompok kontrol diberi aquadem dan kelompok uji diberi formula “ESAG”. Penelitian dilakukan selama 10 hari. Dari hasil analisis terdapat perbedaan bermakna antara kelompok kontrol dan kelompok uji, dimana pengaruh formula “ESAG” lebih besar terhadap berat jenger anak ayam bila dibandingkan dengan aquadem. Dengan demikian, maka dapat diasumsikan bahwa formula “ESAG” dapat meningkatkan hormon androgen dengan manifestasi pertumbuhan jenger anak ayam.

Kata Kunci : androgenik, formula “ESAG”, jenger, anak ayam.

ANDROGENIC EFFECT TEST OF "ESAG" FORMULA TO THE GROWTH OF CHICK'S COMB

Savitri Novianty, 2006

Counsellor: (I) Lucia E. Wuryaningsih, (II) Ryanto Budiono

ABSTRACT

It have been conducted a research to test androgenic effect of "ESAG" formula contains combination of tapak liman (*Elephantopus scaber* L.) leaf and red galangal rhizome (*Alpinia galanga* (L) swart var.red) with comparison 1:1 with dose 1,4 g/kgBW to the growth of comb of *white leghorn Daily Old Chick* (DOC). Animal test divided into 2 groups, control group and experiment group. Control group given by non-mineral water and experiment group given by "ESAG" formula. The research conducted during 10 day. Result of analysis shows a significant difference between control group and experiment group, where influence of "ESAG" formula was larger to chick's comb weight if compared to non-mineral water. Thereby, can be assumed that "ESAG" formula afford improve androgen hormone with the growth of chick's comb manifestation.

Keywords: Androgenic, "ESAG" Formula, chick's comb, chick.

