

**EFEK DAUN KATUK (*Sauropus androgynus* (L.) Merr.)  
TERHADAP KUALITAS SPERMATOZOA KELINCI JANTAN  
(*Oryctolagus cuniculus*)  
SECARA HISTOLOGI**

Taufan Eristyadi, 2013

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**ABSTRAK**

Penelitian ini bertujuan untuk mengetahui pengaruh pemberian seduhan daun katuk (*Sauropus androgynus* (L.) Merr.) terhadap proses spermatogenesis kelinci jantan (*Oryctolagus cuniculus*). Seduhan daun katuk diberikan secara oral setiap hari selama 14 hari. Terdapat 2 kelompok perlakuan yaitu kelompok kontrol (K) diberikan aquadem. Sedangkan kelompok uji diberikan seduhan daun katuk (*Sauropus androgynus* (L.) Merr.) 1g/KgBB/hari dalam ekstrak 50% satu kali sehari secara Oral menggunakan sonde lambung selama 14 hari, masing-masing kelompok terdiri dari 5 ekor kelinci jantan. Hasil penelitian menunjukkan bahwa pemberian seduhan daun katuk selama 14 hari dapat mempengaruhi proses spermatogenesis kelinci jantan (*Oryctolagus cuniculus*) bila dibandingkan dengan kontrol.

*Kata kunci* : daun katuk (*Sauropus androgynus* (L.) Merr.), kelinci jantan (*Oryctolagus cuniculus*), spermatogenesis, histologi.

**EFFECT OF KATUK LEAVES (*Sauropus androgynus* (L.) Merr.)  
TREATMENT ON SPERMATOZOA QUALITY  
IN TESTES HISTOLOGY OF MALE RABBITS (*Oryctolagus  
cuniculus*)**

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**ABSTRACT**

This research was aimed to study the effect of katuk leaves (*Sauropus androgynus* (L.) Merr.) treatment on spermatogenesis of male rabbits (*Oryctolagus cuniculus*). The extract was given orally once a day in 14 days. The animals were divided into two groups; one control group (K) is given aquadem. While the test group It can be concluded katuk leaf infusion (*Sauropus androgynus* (L.) Merr.) 1g/KgBB/hari in extracts of 50% once daily in oral use gastric sonde for 14 days. The result of the study showed that spermatogenesis were decreased significantly after receiving katuk leaves (*Sauropus androgynus* (L.) Merr.) for 14 days. each group consisted of five male rabbits. The results showed that administration katuk leaves steeping for 14 days can affect the process of spermatogenesis male rabbits (*Oryctolagus cuniculus*) when compared with controls.

*Keywords : katuk leaves (Sauropus androgynus (L.) Merr.), male rabbits (Oryctolagus cuniculus), spermatozoa, spermatogenesis, histology*