

Pengaruh Pakan Suplementasi Tepung Daun Bangunbangun (*Plectranthus amboinicus* L. Spreng) Terhadap Berat dan Kadar Kolesterol Organ Dalam Ayam Broiler (Pedaging)

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh pemberian pakan suplementasi tepung daun bangunbangun (TDB) (*Plectranthus amboinicus* L. Spreng) terhadap berat badan, berat organ dalam dan kadar kolesterol organ dalam ayam broiler. Jenis penelitian adalah eksperimental menggunakan Rancangan Acak Lengkap (RAL) Non Faktorial menggunakan 50 ekor ayam broiler CP 707. Pemberian TDB dilakukan setiap hari dengan mencampurkan TDB dengan pakan komersial dengan dosis 0%, 1%, 2%, 3% dan 4% selama 42 hari. Parameter yang diamati adalah berat badan, berat hati, berat usus halus, berat ampela, kadar kolesterol hati, kadar kolesterol usus halus dan kadar kolesterol ampela. Data yang diperoleh dianalisis menggunakan Anava satu jalur dengan menggunakan SPSS 21.0. Hasil penelitian menunjukkan bahwa suplementasi TDB 2% meningkatkan berat badan ayam secara signifikan, dan suplementasi TDB 1%, 3% dan 4% tidak berpengaruh. Suplementasi TDB 2% meningkatkan berat usus halus dan ampela, dan suplementasi TDB 1%, 3% dan 4% signifikan menurunkan berat usus halus dan ampela. Suplementasi TDB 1% hingga 4% berpengaruh menurunkan berat hati secara signifikan. Suplementasi TDB 4% signifikan menurunkan kadar kolesterol hati, usus halus dan ampela.

Kata Kunci : *Plectranthus amboinicus* L. Spreng, TDB, berat badan, berat organ (hati, usus halus, dan ampela), kadar kolesterol organ (hati, usus halus, dan ampela).

**The Influence Of Feed Supplementation Flour Leaves Bangunbangun
(*Plectranthus amboinicus* L. Spreng) Against Heavy and Cholesterol
Levels The Internal Organs In Broiler Chicken**

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ABSTRACT

This study aims to knowing the influence provision of supply supplementation flour leaves bangunbangun (TDB) (*Plectranthus amboinicus* L. Spreng) against of body weight , the weight internal organs and cholesterol levels by the internal organs broiler chicken .The kind of research is experimental use Complete Randomized Design (CRD) Non Factorial is using 50 chicken broiler CP 707. The provision of TDB done every day by mixing TDB with feed commercially at a dose 0 % , 1% , 2% , 3% and 4% during 42 the day. The parameter that examined is body weight, the weight of hearts, the weight of intestines smooth, the weight of gizzard, cholesterol levels by the hearts, cholesterol levels by the intestines smooth and cholesterol levels by the gizzard. The data were analyzed using Anova one lane by using SPSS 21.0. The research results show that supplementation TDB 2% raising body weight chicken in a significant way, and supplementation TDB 1%, 3% and 4% has not been affecting. Supplementation TDB 2 % raising heavy the intestines smooth and gizzard, and supplementation TDB 1%, 3% and 4% significant lose the intestines smooth and gizzard. Supplementation TDB 1 % until 4 % lose weight the hearts of significantly. Supplementation TDB 4% lower the levels of cholesterol the hearts, intestines smooth , and gizzard significantly.

Key words : *Plectranthus amboinicus* L.Spreng, TDB, body weight , the weight of organ (hearts, intestines smooth , and gizzard), cholesterol levels of organ (hearts, intestines smooth , and gizzard).