

The Use of *Fermeherbafit* (Mixed Herbs) in Broiler Chicken Feed on Performance and Cholesterol profile

Title	The Use of <i>Fermeherbafit</i> (Mixed Herbs) in Broiler Chicken Feed on Performance and Cholesterol profile
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Abstract	<p>This research was aimed to improve of broiler chicken performance and reduce the blood, meat and liver cholesterol levels. This research used 100 female broilers MB 200 Platinum DOC which were reared for 5 weeks at battery-postal cages. The treatments were R0= control/ 0% <i>fermeherbafit</i>; R1= used 2% <i>fermeherbafit</i>; R2= used 4% <i>fermeherbafit</i>; R3= used 6% <i>fermeherbafit</i>. The experimental design was carried out using a complete randomized design. Data were analyzed by analysis of variance (ANOVA). The results showed that the use <i>fermeherbafit</i> did not showed any significant differences ($P > 0.05$) in feed consumption, absolute growth, relative growth and carcass percentage. However, it showed significant differences ($P < 0.05$) in blood and breast meat cholesterols. The average for Performance (feed consumption by 3268.775 ± 293.421 g/bird; absolute growth by 1684.92 ± 126.12; relative growth by 0.3682 ± 0.0019; carcass percentage by $74.61 \pm 1.12\%$). Blood cholesterol $89.20 + 12.76$ mg/dl (R3) up to $111.80 + 17.02$ mg/dl (R0); Breast meat cholesterol $150.03 + 11.64$ mg/g (R3) up to $174.88 + 8.53$ mg/g (R0); Leg meat cholesterol $173.00 + 7.21$ (R1) up to $152.15 + 17.83$ mg/g (R3); Liver cholesterol $83.37 + 31.01$ mg/g (R0) up to $102.75 + 1.68$ mg/g (R3). Conclusion of this research was that the <i>Fermeherbafit</i> could be used in broiler feed up to 6% which could reduce blood and breast meat cholesterols.</p>
Publisher Name	Universitas Jenderal Soedirman, Faculty of Animal Science, Purwokerto-Indonesia
Publish Date	2019-09-26
Publish Year	2018
Doi	DOI: 10.20884/1.jap.2018.20.3.709
Citation	
Source	ANIMAL PRODUCTION
Source Issue	Vol 20, No 3 (2018)
Source Page	139-146
Url	http://animalproduction.net/index.php/JAP/article/view/709/pdf
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