

Substitusi Konsentrat Protein Menggunakan Tepung Bulu Ayam yang Diolah Secara Fisiko-Kimia dan Fermentasi Menggunakan Bacillus sp. Mts

Title	Substitusi Konsentrat Protein Menggunakan Tepung Bulu Ayam yang Diolah Secara Fisiko-Kimia dan Fermentasi Menggunakan Bacillus sp. Mts
Author Order	2 of 3
Accreditation	
Abstract	(Protein concentrate substitution using feather meal processed by physico-chemistry and fermentatio)ABSTRACT. The objective of this research was to evaluate the effect of protein concentrate substitution using processed feather meal in growing layer-ration. Chicken feather meal was processed by physico-chemical techniques viz.soaking in 0.5% (b/v) NaOH and Na2S at 60°C and continued by fermentation using Bacillus sp. MTS. The method was experimental method with a Completely Randomized Design with five treatments that replicated for four times. The treatments tested was level of concentrate substitution i.e. 0, 4, 8, 12 and 16%. Protein concentrate substitution had no significantly effect (P 0.05) on growth, feed consumption and conversion of growing layer. Keratin meal from chicken feather can be applied in growing layer-ration 16% respectively or substitute the protein concentrate as much as 53%.
Publisher Name	Agricultural Faculty
Publish Date	2014-04-01
Publish Year	2014
Doi	DOI: 10.17969/agripet.v14i1.1202
Citation	
Source	Jurnal Agripet
Source Issue	Vol 14, No 1 (2014): Volume 14, No. 1, April 2014
Source Page	31-36
Url	http://www.jurnal.unsyiah.ac.id/agripet/article/view/1202/1100
Author	Dr Ir MUHAMAD BATA, MS