INTISARI

Ainun B. Pado. Karakteristik Kimia Tepung Daun Gamal dengan Metode Pengeringan Matahari. Di bimbing oleh Helmi Mogi dan Uti Nopriani

Gamal merupakan tanaman legum yang sangat penting bagi ternak ruminansia dan termasuk tanaman yang cepat tumbuh. Daun gamal masih tetap berproduksi meskipun musim kemarau dan kualitas hijauannya baik. Daun gamal mengandung banyak protein dan mudah dicerna sehingga cocok untuk pakan ternak khususnya ruminansia. Tujuan dari penelitian ini adalah untuk mengetahui karakteristik kimia dari tepung daun gamal dengan menggunakan metode pengeringan matahari selama 24 jam. Karakteristik kimia tepung daun gamal meliputi kadar air, abu, serat kasar, lemak kasar dan protein kasar. Pengujian karakteristik kimia tepung daun gamal dilakukan dengan menggunakan metode analisis proksimat. Berdasarkan hasil penelitian menunjukan bahwa rata-rata kadar air 12,31%, kadar abu 8,56%, lemak kasar 3,69%, serat kasar 7,96%, dan protein kasar20,90%.

Kata kunci : Karakteristik kimia, tepung daun gamal, pengeringan matahari

ABSTRACT

Ainun B. Pado. Chemical Characteristics of Gamal Leaf Flour with Sun Drying Method. Supervised by Helmi Mongi and Uti Nopriani

Gamal is a legume plant that is very important for ruminants and is a fast growing plant. Gamal leaves are still producing even though the dry season and the quality of the forage is good. Gamal leaves contain lots of protein and are easy to digest, making it suitable for animal feed, especially ruminants. The purpose of this study was to determine the chemical characteristics of Gamal leaf flour using the sun drying method for 24 hours. Chemical characteristics of Gamal leaf flour include moisture, ash, crude fiber, crude fat and crude protein. Testing the chemical characteristics of Gamal leaf flour was carried out using the proximate analysis method. The results showed that the average moisture content was 12.31%, ash content was 8.56%, crude fat was 3.69%, crude fiber was 7.96%, and crude protein was 20.90%.

Keywords: Chemical Characteristics, Gamal Leaf Flour, Sun Drying