

ABSTRAK

PENGARUH PEMBERIAN MOLASES DAN BUNGKIL KELAPA SAWIT TERHADAP SERAT KASAR, PROTEIN KASAR DAN BAHAN KERING SILASE KULIT PISANG KEPOK (*Musa paradisiaca formatypica*)

Oleh

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Penelitian ini bertujuan untuk mengetahui pengaruh dan efektivitas pemberian molases, bungkil kelapa sawit, dan campuran molases bungkil kelapa sawit silase kulit pisang kepok terhadap serat kasar, protein kasar dan bahan kering. Penelitian ini dilaksanakan pada Februari--April 2022 bertempat di Jurusan Peternakan, Laboratorium Nutrisi dan Makanan Ternak, Fakultas Pertanian, Universitas Lampung. Parameter yang diukur adalah serat kasar, protein kasar dan bahan kering. Penelitian ini menggunakan Rancangan Acak Lengkap (RAL) dengan 4 perlakuan dan 3 ulangan. Perlakuan yang diberikan yaitu P0 (kontrol), P1 (molases 10%), P2 (bungkil kelapa sawit 10%) dan P3 (molases 5% + bungkil kelapa sawit 5%). Data yang diperoleh dianalisis menggunakan analisis varian (ANOVA) dan diuji lanjut menggunakan uji Beda Nyata Terkecil (BNT). Hasil analisis varian menunjukkan bahwa pemberian molases 10%, bungkil kelapa sawit 10% dan molases 5% + bungkil kelapa sawit 5% dalam ransum berpengaruh sangat nyata ($P < 0,01$) terhadap serat kasar, protein kasar dan bahan kering silase kulit pisang kepok.

Kata kunci: Bungkil Kelapa Sawit, Molases, Silase Kulit Pisang Kepok

ABSTRACT

EFFECT OF MOLASSES AND PALM OIL CAKE ON CRUDE FIBER, CRUDE PROTEIN AND DRY MATERIAL OF KEPOK BANANA PEEL SILAGE (*Musa paradisiaca formatypica*)

By

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This study aims to determine the effect and effectiveness of giving molasses, oil palm cake, and a mixture of molasses oil palm cake kepok banana peel silage on crude fiber, crude protein and dry matter. This research was conducted in February--April 2022 at the Department of Animal Husbandry, Laboratory of Animal Nutrition and Food, Faculty of Agriculture, University of Lampung. Parameters measured were crude fiber, crude protein and dry matter. This study used a completely randomized design (CRD) with 4 treatments and 3 replications. The treatments were P0 (control), P1 (molasses 10%), P2 (palm oil cake 10%) and P3 (molasses 5% + oil palm cake 5%). The data obtained were analyzed using analysis of variance (ANOVA) and further tested using the Least Significant Difference (BNT) test. The results of the analysis of variance showed that the provision of 10% molasses, 10% oil palm cake and 5% molasses + 5% palm oil cake in the ration had a very significant effect ($P < 0.01$) on crude fiber, crude protein and dry matter of kepok banana peel silage.

Keywords: Kepok Banana Peel Silage, Molasses, Oil Palm Cake.