

**Potencial nutricional do pseudo-caule da bananeira separado, e associado a silagem de sorgo (*Sorghum bicolor* (L.) Moench), em ovinos.1
Composição química, digestibilidade**

**Maria Eunice de Queiroz Vieira, Mário de Almeida Lima, Iderval Farias,
Mário de Andrade Lira, Erinaldo Freitas, Djalma Cordeiro Santos e Maria
José de Araujo Silva**

Resumo

O objetivo deste experimento foi avaliar o valor nutritivo da (MS), (PB), (EE), (FB), (FDN), (FDA), (MM), (ENN) e (NDT), da silagem de sorgo, do pseudo-caule da bananeira e deste associado à silagem de sorgo. A digestibilidade aparente dos nutrientes da silagem foram para MS, PB, EE, FB, FDN, FDA, MM, ENN e NDT, de 56,30; 56,40; 55,20; 58,40; 45,00; 42,00; 12,70; 66,30 e 59,78%. A digestibilidade aparente dos nutrientes do pseudo-caule da bananeira associado à silagem foram para MS, PB, EE, FB, FDN, FDA, MM, ENN e NDT, de 52,80; 43,50; 85,90; 42,40; 39,00; 38,50; 21,70; 74,90 e 58,59% respectivamente. A digestibilidade aparente dos nutrientes do pseudo-caule da bananeira separado, foram para MS, PB, EE, FB, FDN, FDA, MM, ENN e NDT, de 56,00; 49,70; 81,00; 44,60; 41,00; 40,00; 22,50; 70,90 e 60,60% respectivamente. Os dados de digestibilidade dos nutrientes para o pseudo-caule da bananeira na associação com a silagem de sorgo, estão bem próximos àqueles com o pseudo-caule da bananeira avaliados separadamente. Estes dados mostraram a eficiência do método de digestibilidade de nutrientes de um alimento pela diferença em associação.

Nutritional potencial evaluation of the pseudostem of the banana separately, and in association with the sorghum (*Sorghum bicolor* (L.) Moench) silage, with sheep. 1. chemical composition, digestibility

Abstract

The main objective of this experiment was to evaluate the nutritive value of the dry matter (DM), (CP), (EE), (CF), (NDF), (ADF), (NFE), (MM) and TDN from the sorghum silage, pseudostem of the banana separately, and of this associated to sorghum silage. In relation to the pseudostem of the banana associated to sorghum silage, were evaluated two treatments, the sorghum silage separately and the pseudostem of the banana associated to sorghum silage. The apparent digestibility of sorghum silage nutrients were to DM, CP, EE, CF, NDF, ADF, NFE, MM and TDN, of 56,30; 56,40; 55,20; 58,40; 45,00; 42,00; 66,30; 12,70 and 59,78%. The apparent digestibility of the pseudostem of the banana nutrients associated to sorghum silage were to DM, CP, EE, CF, NDF, ADF, NFE, MM and TDN, of 52,80; 43,60; 85,90; 42,40; 39,00; 38,50; 74,90; 21,70 and 58,59%. The apparent digestibility of pseudostem of the banana, evaluated in separate, were to DM, CP, EE, CF, NDF, ADF, NFE, MM and TDN, of 56,00; 49,70; 81,00; 44,60; 41,00; 40,00; 70,90; 22,50 and 60,60%. The data of the digestibility of the pseudostem of the banana nutrients evaluated together to sorghum silage, are well proximate to those encountered with the pseudostem of the banana evaluated separately. The effects

associative of data showed in this study the efficiency of the method to calculate the digestibility of nutrients of a determined feed by the difference, in an association.