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Judul : THE FORAGE PRODUCTION OF *Brachiaria mutica* UNDER COCONUT TREE CANOPY

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The screenshot shows an email interface with a PDF attachment titled "Z23_LJM_Rumokoy.pdf". The email content displays the title page and abstract of a scientific paper. The title is "THE FORAGE PRODUCTION OF *Brachiaria mutica* UNDER COCONUT TREE CANOPY" by Laurentius J.M. Rumokoy¹ and Wisje L. Toar¹. The journal is "Lucrări Științifice - Seria Zootehnie, vol. 62". The abstract discusses forage availability in Indonesia and the effects of solar radiation and nitrogen fertilizer on *Brachiaria mutica*. The introduction mentions the energetic transformation of *Brachiaria mutica* for ruminants.

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THE FORAGE PRODUCTION OF *Brachiaria mutica* UNDER COCONUT TREE CANOPY

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Abstract

Forage availability remains a major limiting factor in developing commercial farms in Indonesia. The land under coconut trees as found in North Sulawesi Indonesia, is potential to be a cultivation area of *Brachiaria mutica* as a good fodder crops for ruminants and pseudoruminants. *Brachiaria mutica* is one of the very well-adapted forage under coconut trees in wet tropical climate zones. However, the constraints factors is the lack of scientific information regarding the effects of solar radiation intensity levels in forage crops under coconut trees on the quality of forage production needs for ruminants and pseudoruminansia ruminant feed. Researchs who have implemented intended to address this challenge is of assessing the effects of restrictions on the transmission of solar radiation in the range shade of coconut trees of various age levels, combined with the effects of level of nitrogen fertilizer on the quality aspects of the production of organic matter of *Brachiaria mutica*, include the fresh and dry matter production and crude protein.

Key words: *Brachiaria mutica*; animal feed; canopy of coconut trees

INTRODUCTION

Biomolecul synthetic as energetic transformation effects on *Brachiaria mutica*, as protein and crude fiber, allowing it as forage crops for ruminants. Energetic transformation can take place on forage crops easy to grow in wet tropical environments and well used as a cover crop. This species is able to form a dense layer, woody and effectively suppress the weeds, and also tolerance to drought; resistant to diseases and pests [1]. In coconut plantations, grow well

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Cu deosebita consideratie,

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On Wednesday, February 25, 2015 2:10 AM, Rumokoy Laurentius <rumokoy@msn.com> wrote:

Dear Sir/Madame,

Would you please inform me if it is possible to get the soft file that I have asked?

Thanks you.
Regards,

Dr Laurentius J.M. Rumokoy
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