Effect of Some Forage Crops in Para-Rubber Plantation*

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Abstract

This study was conducted to investigate the effect of some forage crops in Para-Rubber Plantation at Pattani Rubber Experiment Station, Mae-Larn District, Pattani Province, during June 1992 to October 1994. Design of experiment was Randomized Complete Block using Calopogonium mucunoides, Brachiaria miliiformis, Panicum maximum CV. TD58 and Brachiaria ruziizensis with distance from rubber row 1.0, 1.5 and 2.0 meter as 10 treatments with 3 replications.

The results indicated that dry matter yield of Panicum maximum CV. TD58 was higher than Brachiaria miliiformis and Brachiaria ruziizensis in every distance from rubber row. The maximum total dry matter yield (6 times cutting) and crude protein was obtain from Panicum maximum CV. TD58 at distance from rubber row 1.0 m. But calcium yield in Brachiara miliiformis, Panicum maximum CV. TD58 and Brachiaria ruziizensis at distance from rubber row 1.0, 1.5 m. were not different and phosphorus yield of Panicum maximum CV. TD58 and Brachiaria ruziizensis at distance from rubber row 1.0, 1.5 m. were higher than others. And the growth of rubber was not effect by planting distance of three forage crops.

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