Management of Cutting on Production of Napier Three Variety

(2) The Effect of Time of initial Defoliation on The Productivity of 3 Species of Napier grass

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Abstract

The effect of three cutting initial at 4, 6 and 8 weeks and cutting every 5 weeks after initial on dry matter yield was studied on three variety of napier namely common napier \textit{(Pennisetum purpureum)}, dwarf napier \textit{(Pennisetum purpureum Schumach.)} and king grass \textit{(A Mexican variety of Pennisetum purpureum)}. The experiment has carried out from April to November 1992 on Pak-Chong soil series.

The result showed that the initial defoliation at 4, 6 and 8 weeks the variety of king grass had a trend to give higher dry matter yield than the others. The average dry matter yield of king grass was 2,457.7 kg/rai. The cutting initial at 8 weeks of three variety of napier give average dry matter yield 2,471.9 kg/rai. The average protein of three variety cutting 5 weeks after initial defoliation was 9.17 - 12.17 %

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