A Comparative Study of the Nutritive Value and Forage Yields of Napier Grass and Sugarcane during a Dry Season. *

Saikhim Sangchote 1/

Tap Punyavirocha 2/

Sangaroon Samutarak Varunee Panichpol 3/

Chanchai Manidool 1/

Abstract

A comparative study of the nutritive value and forage yields of napier grass and sugarcane in dry season were conducted at Chainat Animal Nutrition Research Center, Supaya District, Chainat Province. In rainy season, they were cut in every 2 month. At the end of rainy season, they were left and cut again in dry season (March) and analysed for the digestibility. Randomized Complete Block Design were used in this study. It indicated that dry matter of napier higher than sugarcane in rainy season, but no difference in dry season as well as digestibility. Digestibility of napier and sugarcane in the dry season (140 days) was rather low in nutritive value. An average feed intake of sheep fed with napier and sugarcane were 323.51 and 301.86 gm/sheep. Voluntary intake were 40.73, 34.21 gm/Wkg 0.75 dry matter digestibility (DMD) were 45.81, 47.36 % and total digestible nutrient (TDN) 43.05, 43.22 % respectively.

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1/ Forage Crops Research, Animal Nutrition Division, Department of Livestock Development

2/ Chainat Animal Nutrition Research Center

3/ Animal Nutrition Laboratory