The Effects of Hydroponic Fertilizer on *Panicum maximum* on Banthon Soils.*

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**Abstract**

Commercial hypersonic fertilizer was obtained from a company in Bangkok and was used to compare the effect of this material against the compound fertilizer (HP) on forage grass. A trial was carried out at Narathivas province during 1985-1986 to determine the effect of HP on the yield of guinea grass. Treatments were 15-15-15 NPK mixed fertilizer at the rate of 0 Kg (control), 50 Kg, 50 Kg + HP and 25 Kg + 1/2 HP.

The results have shown that the average yield were 6.02, 19.51, 21.46 and 14.53 tonnes/rai for 0, 50, 50 + HP and 25 + 1/2 HP. respectively. The height and tillering of guinea grass receiving were not different from mixed fertilizer + HP but higher than the control.

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