

ชื่อเรื่อง

A Test on the Use of Vetiver Grass With Some Soil Conservation and Improvement Measures for Sustainability in Cassava-Based Cropping (Verano)

ชื่อผู้วิจัย

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Abstract

The test on the use of vetiver grass with some soil conservation and improvement measures for sustainability in cassava-based cropping was carried out on Nam Pong soil series at Mahasarakam Province during 1993-1995. The treatments were (1) Cassava without any soil conservation or improvement measure. (2) Cassava with verano as cover crop (3) Cassava with verano and vetiver grass without seedbed (4) Cassava with verano and vetiver grass with seedbed (5) Cassava with verano and mango in vetiver row without seedbed (6) Cassava with verano and mango in vetiver row with seedbed.

The results from the first year indicated that there were no significant differences among the treatments in cassava yield as the yield from every treatment ranging from 20-22 ton/ha but in the second year, the yields from improved technologies treatments gave higher yield than the farmer's practice (T1).