

ชื่อเรื่อง

A Test of Planting Vetiver Grass at Different Vertical Intervals of Soil and Water Conservation on Sloping Land

ชื่อผู้วิจัย

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Abstract

The study of planting vetiver grass at 7 different vertical intervals for soil and water conservation was conducted in Huay Sai Royal Development Centre, Petchaburi Province on Hup Kapong soil series at 5% slope. It was found that when planting vetiver grass at the vertical interval of 0.5, 1 and 2 m. compared with no vetiver grass treatment, vetiver grass treatments can reduced soil loss to 43.55, 39.72 and 22.89% respectively. However they can reduced soil loss up to 53.98, 50.85 and 37.13% when comparing vetiver grass treatments with the treatment of planting cassava up and down slope after land preparation.