

ชื่อเรื่อง

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

ชื่อผู้วิจัย

Pitak Intaphan, Sawatdee Boonches and Sasriprapa Vathatum

ชื่อหน่วยงาน

Land Development Department, Ministry of Agricultural and Cooperatives,  
Bangkok, THAILAND

ปีที่ดำเนินการ

ปีที่พิมพ์รายงาน

**Abstract**

During 1993-1994, a test of planting vetiver grass at different vertical intervals for soil and water conservation on sloping land was undertaken at Chiang Dao District, Chiang Mai Province. Seven treatment included: 1) bare plot, 2) ploughing and planting up and down slope, 3) ploughing and planting along contour lines, 4) alley cropping (leucaena + pigeonpea) 5), 6) and 7) a single row of vetiver grass with 1, 2 and 3 meter vertical intervals respectively were studied.

The results showed that vetiver grass treatments were more effective in reducing soil loss and run off compared with no vetiver hedgerow. There were not significant difference in crop yields among the treatment tested.