

ชื่อเรื่อง

Management of Vetiver Grass

ชื่อผู้วิจัย

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Abstract

The study on appropriate vetiver leaf cutting is one way of vetiver management for soil and water conservation. The result from the study shown that the timing of vetiver's cutting too close would effected less tillering. The tillering of vetiver grass would be very rapid after 90 days of planting. In the first month tillering would increased from 1 to 10 tillers. In the second month would be 40 tillers but after the third month the rate of tillering would decreased. The tiller of cutting vetiver grass every month would be half of cutting vetiver grass one a year. Cutting vetiver grass during 90-150 days gave the highest mass production but less tillers. The best cutting time would be 180 days after planting or twice a year. For the benefit of using vetiver's leaf for making the roof, the time of cutting should be 120-150 days. In preserving the moisture for fruit trees, it should be cut at 90-120 days. For feeding cattle, it should be cut at 30-60 days. However it was found that cutting at the beginning and middle of the rainy season resulted in less flowering.