

ชื่อเรื่อง

Vetiver Grass Collection and Evaluation

ชื่อผู้วิจัย

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Abstract

A collection and study of vetiver grass (*Vetiveria* spp.) were conducted at Sakon Nakhon Field Crops Research Center, in the Agricultural Study and Development Section, Puparn Royal Development Study Centre, Sakon Nakhon.

Seven ecotypes of vetiver grass were brought to grow in the prepared planted-bed on September 8, 1992 and later another 5 ecotypes were adding on April 9, 1993. The result from the study of total 12 ecotypes indicated that there are only 2 groups of Vetiver. Four ecotypes are *Vetiveria zizanioides* Nash: namely Malaysia, Chachoengsao, Sri Lanka, and Chiang Mai and the rest of 8 ecotypes are *Vetiveria nemoralis* A. Camus: namely ecotype Sakon Nakhon, Nakhon Phanom, Buri Ram, Si Sa Ket, Phimai and Loei. From all the grass observed the number of leaves average are 5-10 leaves/tiller; blade width is ranging from 0.5-1.0 cm blade length vary from 151-206 cm and the number of tillers are 41-84 tiller/clump. Inflorescence straw to brownish-purplish colour; flowers are many, arranging is a straight panicle; emerging after 138-336 days plantation.