

ชื่อเรื่อง

Studies on the Effect of Control Vegetative Hedges on Moisture Conservation, Growth and Yield Attributes of Millets, Cotton and Pulses Under Rainfed Conditions

ชื่อผู้วิจัย

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Abstract

To ascertain the performance of pulses and millets and cotton with different hedging systems on a sloppy land under rainfed condition a study was conducted with vetiver, subabul cenchrus grass and Desmathus as hedges. The results revealed that the growth of the cotton, redgram and greengram were influenced by cenchrus hedge followed by vetiver hedges. Vetiver hedging system has shown very good effect on the yield of annual crops. The vetiver hedges conserved 21.80% 20.98 and 19.77% soil moisture at various stages of growth and thereby helped all annual crops to produce higher yield. In dryland farming, hedging with vetiver is recommended for moisture conservation and higher yield of the intercrops.