VETIVER HEDGEROW FOR ENVIRONMENTAL PROTECTION AND LANDSCAPING

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The Vetiver Grass System (VS) was first developed by the World Bank for soil and water conservation in agricultural lands in the 1980's. The Vetiver Network (www.vetiver.org) with the support of the World Bank, the King of Thailand, the Royal Danish Government and several Foundations, has encouraged, supported the R&D and promoted the application of VS world wide through its global network. One of the outstanding successes of its R&D is the applications of VS in environmental protection.



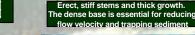


Deep and extensive vetiver roots, equivalent to 1/6 of mild steel reinforcement, provide necessary structural strength to prevent this earthen wall from collapsing



0.000	150	-		
Extensive, de			ating root	,
Thailand				









Road batter stabilisation trial, Australia



Soil and water conservation practice on sloping land, Thailand

Sediment built up above the contour hedge



Flood erosion control on the floodplain,

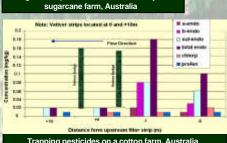


Living filter traps sediment in a waterway on a

Trapping sediment and debris on a farm pond,



Effective windbreak in orchard, China



Trapping pesticides on a cotton farm, Australia





Stabilisation of mine tailings dam, Australia







