

Broom grass cultivation in sloping land to prevent the soil erosion



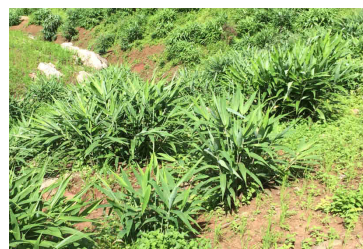
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Purpose

To sale as a raw material

Prevent soil erosion in the slope and stream bank (root system)

To reduce loose of soil biomass and organic material on surface by rain intensity



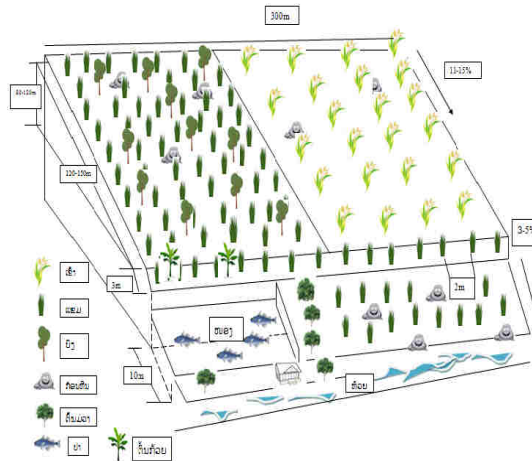
Materials and methods

- Use knife cut out the root including stems length 20-30cm broom grass from natural

preparing the soil on river bank and down slope (and production area)

Digging hole 20x20x20 cm, each hole have 2m distance

planting 2-3 stems per hole



Results

The broom grass's root system extensive growth into the soil (reduce runoff)

The dead fragment from broom grass such as leaves and stem can cover soil surface

- Maintaining the soil food web is a big key factor in maintaining sustainability



Thank you for your attention

