

Sisal Leaves: A Green Revolution in Menstrual Hygiene

Recently, scientists at Stanford University have devised an innovative method utilizing <u>sisal leaves</u> to create a highly absorbent material, potentially **replacing cotton**, **wood pulp**, **and chemical absorbents in sanitary napkins**.

- This environmentally-friendly approach boasts higher absorption capacity than commercial alternatives, while the cultivation of sisal requires significantly less water compared to cotton.
- Sisal is a xerophytic, semi-perennial leaf fiber producing plant. Leaves are thick, fleshy and often covered with a waxy layer.







Read more: Addressing the Menstrual Health & Hygiene

PDF Refernece URL: https://www.drishtiias.com/printpdf/sisal-leaves-a-green-revolution-in-menstrual-hygiene