

MORPHOLOGY AND PROPERTIES OF THE STINGING NETTLE FIBRE (*Bisshu Ghass*) IN HIMALAYAN FOOT HILLS

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ABSTRACT

Stinging Nettle, also known as Bichhu ghass, is obtained from stems of plant. Stinging Nettle is a perennial plant found in temperate and tropical wasteland areas in Himalayan foot hills. It is largely available in forest and in outskirts of the villages of Uttaranchal. Nettle is one of the most undervalued economic plants with potential application in wide range of usage. In this, study has been carried out to investigate the structural, mechanical, physical and chemical properties of Stinging Nettle fibre. The tensile properties were also studied. The stress/strain curve of stinging nettle shows they have a linear behaviour.

KEYWORDS: Natural Fibre, Stinging Nettle (*Urticadioica*), Tensile Properties, Chemical Properties & SEM

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