

# Manufacturing of union fabric by using Himalayan nettle (*Girardinia diversifolia*) with other yarns

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■ **ABSTRACT** : In this study union fabric was manufactured using Himalayan nettle obtained from Uttarakhand. Eighteen union fabric samples were woven by using three selected yarns viz., cotton, acrylic and polypropylene as warp along with nettle yarn in weft direction. Three different weaves like plain, basket, and twill were selected for preparing these samples. Two suitable yarn counts were used for the development of handloom woven union fabric. The findings of the present study revealed that union fabric is suitable for making handloom textile products which have been considered successful in various end uses.

■ **KEY WORDS**: Nettle, Cotton, Acrylic, Polypropylene

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