

ABSTRACT

THE APPLICATION OF BLOCK PRINTING WITH SOGA TINGI (CERIOPS TAGAL) NATURAL DYE PASTA ON TEXTILE

by

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Block Printing is a technique of carving motifs on a printing plate coated with dye and pressed repeatedly along the fabric to create a motif. One potential natural dye that can be applied is the sogatangi (Ceriops tagal). This study aims to develop sogatangi dye into the optimal paste formula for block printing techniques with fixation, plate material, and suitable fabrics. This research employs a mixed-methods approach, collecting data from literature reviews, field observations, interviews, and measured experiments in the exploration stage. The results reveal the successful formulation of a sogatangi natural dye paste with an optimal composition. The most effective thickening agent is sodium alginate, a food-grade thickener used in a precise ratio of 10 g to 100 ml of liquid natural dye with 21135 mPas viscosity. Thus, the block-printed fabric made with the sogatangi natural dye paste can be used for textile material.

Keywords: Block Printing, Nature dyes, Tingi