

THE EFFECT OF DIFFERENT MORDANTS ON DYEING OF COTTON FABRIC WITH HENNA

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ABSTRACT

The importance of natural dye is increasing day by day to maintain ecological balance. In this experiment we have tried to use natural dyes instead of synthetic dyes. We have also tried to produce different shades by using different mordants. It reveals the technique of dyeing of cotton with Henna (*Lawsonia inermis L.*) leaves, effects of different mordants such as Alum, Potassium dichromate, Cooper sulfate and Ferric chloride on dyeing of cotton fabric with henna and color fastness properties of dyed sample. We have got different shades by using different types of mordants and different techniques of mordanting. The color fastness with respect to rubbing was very good for most of the samples but color fastness to wash was quite satisfactory for most of the samples but some samples showed good color fastness to wash properties.

KEYWORDS: Natural Dye, *Lawsonia inermis L.*, Mordanting, Cotton, Color Fastness