

ZAT WARNA ALAMI (REVIEW)

Oleh :
Mahreni. *)

ABSTRAK

Natural dye is a coloring material made from plants (roots, trunks, leaves, flowers, and fruits). It is biodegradable in nature or able to be decomposed by microorganisms. It is also non-toxic, making it safe to use as a food coloring material, medicine, dye, batik, and for coloring cosmetics. The weaknesses of natural dyes are inherently unstable and easily oxidized (changing color when heated). The instability of these natural dyes restricts their use in industries, and so becomes an obstacle to commercialize them.

Along with the worldwide paradigm "back to nature", natural dyes are increasingly in demand to be researched and produced because they have promising market opportunities. Backed up by Indonesia's natural resources which make this country potential as a manufacturer of natural colors, it is important to review several things concerned with the commercialization of natural dyes. The purposes of this paper are to explore the possibility of producing industrial scale natural dyes and to identify obstacles and opportunities in the commercialization of natural dyes as coloring materials for foods, medicines, cosmetics, textiles, and batik.

Keywords: batik, extraction, textiles, natural dye, environmentally friendly