

# The Promise of Banana Fiber as a Sustainable Textile Source

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**Abstract:** *The revival and utilization of natural fibers in many applications serve as a viable alternative to environmentally detrimental synthetic fibers. Several ongoing studies are focused on the development of fabric composites, both woven and non-woven, using fibers derived from banana pseudostem. Banana fibers possess potential for exportation as well. The product is available year-round and is affordable, making it highly marketable. Currently, banana fiber products are manufactured on a limited scale. It is imperative to investigate the potential applications of non-conventional natural fibers on a regular basis. Fabrics are derived from banana fiber and can be regarded as environmentally sustainable garments for the future. This review study examines the origin, extraction, accessibility, uses, and possibilities for profitable commercial utilization of fiberin order to create employment prospects in rural areas.*

**Keywords:** Agro-based fibers, banana fibers, banana pseudo-stem, biodegradable, cellulosic, decorticator, eco-friendly, Musa, natural fiber, renewable fiber, retting, sustainable.