COTTON YARN FROM WASTE YARN

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<tr>
<td><strong>Capacity:</strong></td>
<td>4 MT/Day</td>
</tr>
<tr>
<td><strong>Plant and machinery cost:</strong></td>
<td>56.00 Lakh</td>
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<tr>
<td><strong>Working Capital:</strong></td>
<td>0.00 Lakh</td>
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<tr>
<td><strong>Rate of return(ROR):</strong></td>
<td>46.00 %</td>
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<td><strong>Break Even Point (BEP):</strong></td>
<td>43.00 %</td>
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<tr>
<td><strong>TCI:</strong></td>
<td>280.00 Lakh</td>
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<td><strong>Cost of Project:</strong></td>
<td>280.00 Lakh</td>
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Cotton is fun and fashionable. Its beauty and natural comfort make the world a better place. Can you imagine a world without cotton? It's often the first fiber we touch when we are born into the world... and it stays with us throughout our lives. Consumer demand clearly shows that people want cotton in their lives all year long because the comfort and strength that cotton provides is empowering. It allows wearers to be themselves. There is nothing fake about cotton. Cotton feels wonderful against your skin and we believe it is the healthiest of all fibers. Life can be hard, but cotton makes our lives easier.

Cotton plays a vital role in the Indian economy. It sustains the Indian cotton textile industry, which constitutes the single largest segment of organized industries in the country. It provides gainful employment to millions of people besides contributing substantially to the country's foreign trade. The economic significance of cotton and the cotton industry in India is so great that Mahatma Gandhi based his freedom movement on cotton economics.

At the present time consumers are increasingly inclined to use organic textile products manufactured with maximum care taken to protect the environment. The object of the present study is to compare the life cycle and impact of production processes of recycled cotton with those of conventional cotton, in order to demonstrate the enormous advantages for the environment of using recycled cotton in the manufacture of all kinds of textile garments, since this raw material is one of the most sought after textiles for fabric manufacture.

Uses and Applications
Yarn is a long continuous length of interlocked fibers, suitable for use in the production of textiles, sewing, crocheting, knitting, weaving, embroidery and rope making. Thread is a type of yarn intended for sewing by hand or machine. Modern manufactured sewing threads may be finished with wax or other lubricants to withstand the stresses involved in sewing. Embroidery threads are yarns specifically designed for hand or machine embroidery. Cotton is an extremely versatile fiber, and cotton yarn is just one of its useful forms. Cotton is used to make a number of textile products.

Yarn can be used for knitting, crochet, weaving, making pompons, making yarn rope, macramé, friendship bracelets, tying packages, decorating, arts & crafts, tying up veggies/plants, tying up hair, playing with Kittens And Much Much More!

Market Survey
Cotton is one of the principal crops in India. India is the third-largest producer of cotton in the world after China and US.

Cotton Yarn is a byproduct of cotton and is manufactured by processing cotton fiber. India was dominant in producing and also consuming cotton yarns and India's textile mills produces some of the best textiles. India and China are traditionally the biggest sellers of cotton yarn.

The increase in domestic demand for cotton yarn is conditioned by the high growth rates of textile industry, readymade clothes in particular. Sanitary and ecological purity are the main advantages of cotton clothing. Cotton items are long worn because of high density, they are airpermeable and moisture absorbable.
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