

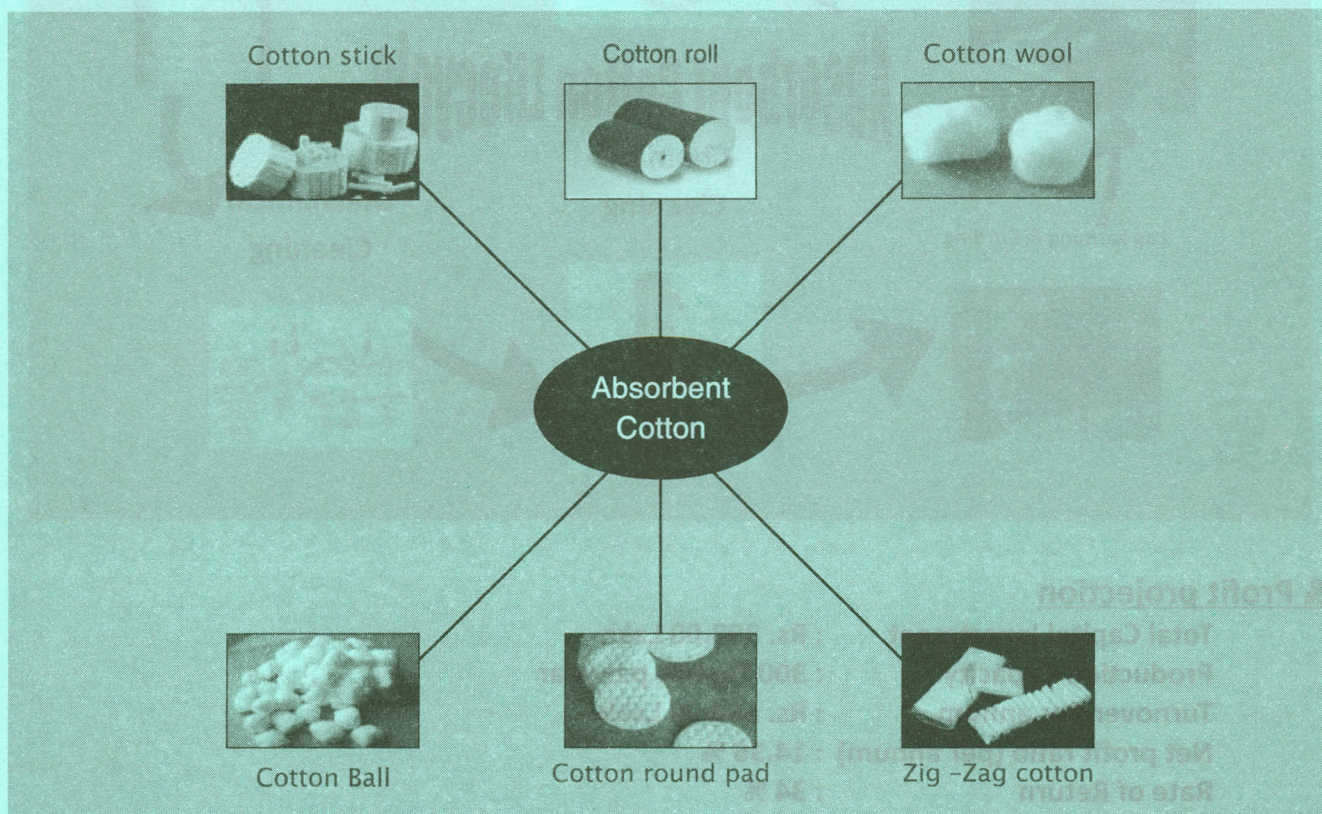


# CIRCOT's Absorbent Cotton Technology for Absorbent Cotton Production



## Absorbent Cotton / Surgical Cotton:

It is mainly used for medical purposes in hospitals, nursing homes, dispensaries, cosmetic and personal hygiene etc. It is better known among masses as absorbent cotton due to its high absorbency. The raw cotton contains a number of physical and chemical impurities like leaves, seed bits, sand, wax, minerals, etc which have to be removed by series of steps which render the cotton hydrophilic in character and free from external impurities to make it fit for use in surgical dressings and personal hygiene.

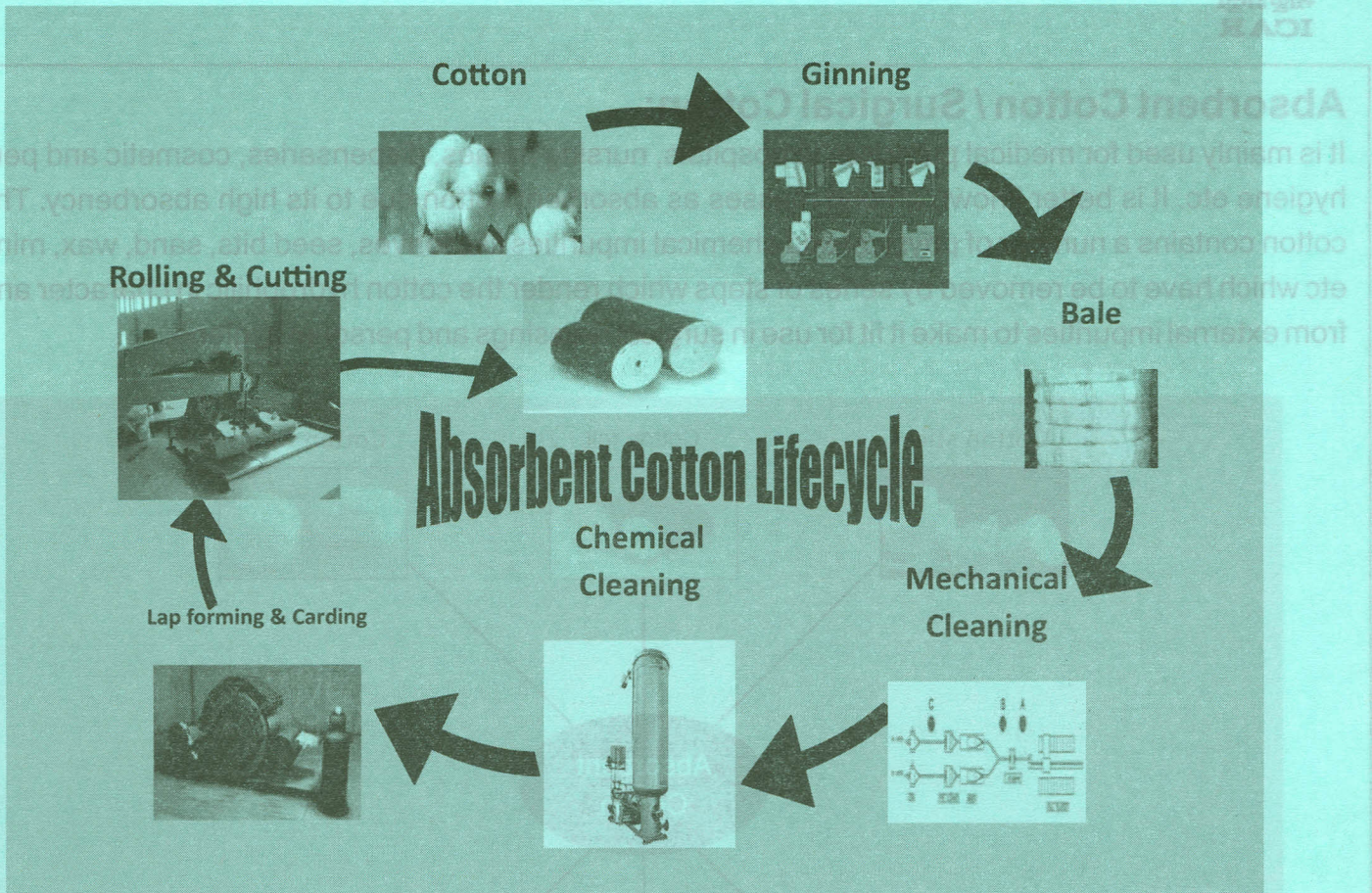


## Market potential

The growth of this industry took a boom with the recent development in medical facilities to corporate levels and apart from medical purposes absorbent cotton is also used for making conventional type of sanitary napkins, pads for cosmetic and other hygienic applications. With the development of medical facilities and growing awareness towards personal hygiene, the absorbent cotton industry is steadily growing and is picking up pace with the spread of education and upward economic growth of towns and villages. Expected growth rate is around 4-5 % (3.5 Lakhs bales to 5.5 Lakhs bales in 10 years). Desi cotton varieties are likely to open a huge export market potential of surgical cotton. Presently, it is being exported to the countries like Japan, Australia and several European countries. The export of surgical cotton can be done provided it is made according to standards and specifications of international market.

## CIRCOT's ABSORBENT COTTON TECHNOLOGY:

CIRCOT has developed a process for absorbent cotton, with single stage scouring and bleaching technique.



### Cost & Profit projection

Total Capital Investment	: Rs. 398.00 Lakh
Production Capacity	: 300 Tonnes per year
Turnover per annum	: Rs. 660.00 Lakh
Net profit ratio (per annum)	: 14.36 %
Rate of Return	: 34 %
Break even point	: 41.10

### Market potential

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हर कदम, हर डगर  
किसानों का हमसफर  
भारतीय कृषि अनुसंधान परिषद  
Agriculture Research with a human touch

**For further details, please contact:**

**The Director**

Central Institute for Research on Cotton Technology,  
Adenwala Road, Matunga, Mumbai 400019.

Web: [www.circot.res.in](http://www.circot.res.in) Email: [circot@vsnl.com](mailto:circot@vsnl.com)

Tel: 91-22-24127273/76 Fax: 91-22-24130835