

The Business Problem

In the globalized and dynamic environment, textile industries are required to produce high-quality yarn at optimum cost in order to get profit and competitive advantages.

This, in turn, needs the proper integration of fiber quality in the process of yarn production which is heavily dependent on cotton fiber selection and cotton fiber blending.

The yarn should be produced with optimal product characteristics at the minimum possible cost.



CMO

COTTON MIXING OPTIMIZER



SAPIENT SYSTEMS

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Talk or write to SAPIENT
and Find out how our
solutions can benefit your
organization

WHAT WE DO

We have created a Software Tool that suggests you the cotton mix with the least cost from your stock of cotton.

The advanced AI based algorithms in our software analyze multiple mix combinations and arrive at the most cost effective mix conforming to the mix quality requirements for the selected yarn.

HOW IT WORKS

PREPARE STOCK

Prepare an excel file with the lot wise stock details and quality parameter values. A sample excel file is shown in the system to guide you in preparing the stock excel file.

LOAD STOCK & PREPARE MIX

Load the stock excel into system and specify the count, KGs required and the quality requirements and wait. The system will prepare the optimum mix for you and show you the results.

UPDATE STOCK

The results can be exported to Excel or PDF or can be prepared as a Report. Once the computer generated mix is acceptable for you click update stock. This will update the stock with subtracting the last mix quantities and be ready to prepare the next mix.

Note: Stock Update will not affect the stock in your Databases. Only temporary files are updated.



Please visit
www.sapientit.in
to fix up an online demo.
You can also test drive
the system by
downloading a trial copy
from our website

BENEFITS

LOWEST COST MIX

Prepare the least possible mix cost for a given mix plan.

STOCK UTILIZATION

Effective utilization of your cotton stock. No dead inventory.

BEST ROI

since cotton contributes to around 60-70 % of overall yarn cost, the savings in cotton cost results in significant savings to the organization.

For Example, If a Spinning Mill uses around 10,000 KGS of cotton per day, if there is a saving of 3 Rs per Kg, It will result in around Rs. 9 Lakh per month or Rs. 1.08 crores per year.