» CICR vision 2025 perspective plan
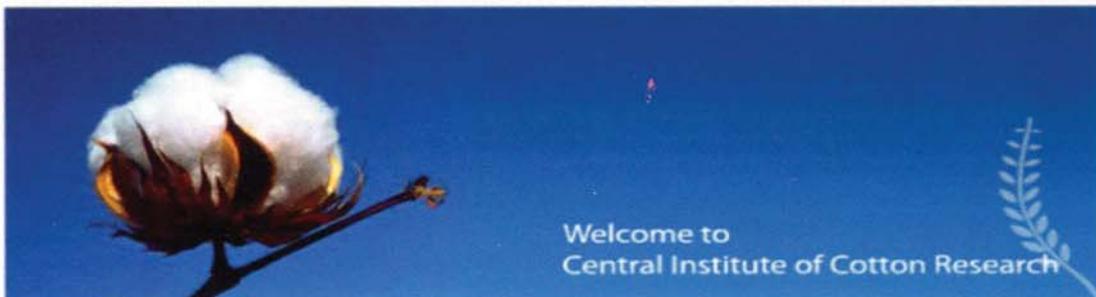» National Agricultural Innovation Project (NAIP)
» Integrated Pest Management(IPM)
» Insecticide Resistance Management (IRM)
» National Agricultural Technology Project (NATP)
» Krishi Vigyan Kendra (KVK)
» Cotton Database
» Cotton research notes / Articles
» Cotton image gallery
» Parliament Questions
» From the Director's desk
» CICR in Nut shell
» TMC Annual Review Meeting 2009
» Bt Cotton Evaluation Reports 2008-09 North | Central | South

Welcome to
Central Institute of Cotton Research

Announcements & Events
Women Agricultural Scientist award for the year 2008 by ICAR

National Seminar on Bt Cotton Opportunites and Prospects

AICCIP Events

G Conun ri- I,on.
Pest
Breeding Cotton to Beat The Heat
Genetically Modified Crops Protect Neighbors From Pests. Study Finds

TMC MM I 5.3: Indian cotton portal

INTRODUCTION

The project is launched for making data warehouses to support decision making as well as up gradation and maintenance of cotton website. Huge data have been generated over several years of research on cotton at various Universities and Institutes. Introduction of cotton web site would help the farming community to directly interact with scientific community to get a first had information.

OBJECTIVES

•· To develop Cotton Information Repository
•· To develop and maintain Interactive Cotton Advisory System

SALIENT ACHIEVEMENTS

To strengthen the existing Cotton Information Repository, many new data sets from various sources which are secondary in nature were collected. Appropriate databases were created and also collected latest data sets for the existing data sets. Apart from this time series data which are quantitative in nature, voluminous abstract data sets which are lacking in continuity have been collected. This abstract information includes both qualitative as well as quantitative information. Beside this public domain and open access cotton related research as well as popular articles have been collected. Already some of the articles downloaded from open access and donor articles were uploaded and some were linked to the original source in this portal. All the technical bulletins released by CICR have been documented and will be uploaded in the website.

With the available data sets in the information repository, web enabled information system on cotton with user friendly tools have been developed. This has the advantage of user having the option to query the information in multi perspective. The software developed with ASP.NET (2008) as front end and Microsoft Access (2007) as back end. In the back end the data sets were stored in structured database. ASPNET framework has been used for forms deployment and ADO data connectivity have been deployed for data transfer from back end to front end. Crystal Report tools were implemented to generate reports from the queried information which have the option to print the queried data. The software was validated and master copy of the CD version of the above Information retrieval system was developed and replication has to be done for release and distribution to the users. The ultimate aim of this project is to establish cotton information repository in Indian context.

Indian cotton portal has met 75% of the ICAR guidelines for uniformity in contents . Two seperate sub-domains were created for All India Coordinated Cotton Improvement Project (AICCIP) and Technology Mission on Cotton - Mini Mission-I (TMC MM I). The URL for the above projects are www.aiccip.cicr.org.in and www.tmc.cicr.org.in. respectively. The two sub domains were created to have more access to the user and separate indexing were done so that user query from the search engine directly fetches the pages of AICCIP and TMC with out visiting CICR website. The newly revamped Cotton portal developed under web 2.0 technologies and soon improved content management system in the portal is to be introduced which would simplify the portal management. . Google Analytics is now a part of the portal which helps in global users to access the site whenever they search any contents related to cotton. The site will be well highlighted in any search engine. The site is now equipped with latest web technologies like content stretch-shrink which breaks the monotony of some of the sites. As the user opens page, all the contents of the page

are not displayed, instead only the headings and sub-headings are displayed so that user can click on the desired information by clicking stretch button by the side of headings and also facilitate quick downloading of the page.

Farmers' forum was developed and it is in testing stage. The algorithm for the forum was prepared. The user/farmers can raise the cotton cultivation related queries in the forum and will be redistributed to the concerned Subject Matter Specialist (SMS), after getting the recommendations or advices from the SMS the recommendations will be sent to the concerned farmer who raised the query. All the raised queries with recommendations would also be placed under FAQs in the portal for the benefit of other farmers. The user/farmer can have the option to present their query along with any digital photograph of the symptom of the damage as an attachment so that SMS can have clear vision of the problem. There should be a check after farmers submitting the query and also should impose some condition in attachmentfile to avoid any vandalism.

Snap shot of the farmers forum page

Cotton Portal (www.cicr.org.in)

Below are the some of the pages in the revamped cotton portal which are in testing phase soon will be floated at our portal after removing bugs if any.

Home page of New Revamped Cotton Portal

TMC Project Details in the separate domain (www.tmc.cicr.org.in)