

Other Information

Library

Additions : The library procured 169 books, 90 scientific reports and bulletins and subscribed 36 Indian and 20 foreign journals.

Documentation Service

Bibliographic database on cotton

Library has developed computerized bibliographic database on cotton to provide comprehensive and updated information on cotton. About 2958 bibliographic references along with abstracts have been stored in it.

Documentation Services such as Current Awareness Service, SDI service, Specific subject search service have been provided by sorting out the database. Using the database Library has brought out a documentation bulletin "Cotton Research Abstracts Vol. 19 (1-3) 2005.

Library Networking

For ready access within the Institute to databases available in the Library, a CD-ROM workstation was established in the Library. By virtue of which a server which housed all the databases was installed in the Library. All the networked terminals in the Institute can access the library Server and all the database are accessible to the CAB, ABSTRACTS, CROP-CD, BIOTECHNOLOGY ABSTRACTS, AGRIS-CD and AGRICOLA-CD

Newspaper Clipping Service

Clippings on various aspects related to cotton from local and national newspapers have been compiled and made available for references.

Library Automation

Using Library Application Software Slim⁺⁺, 2400 books have been computerized and Barcodes assigned for the same.

Cotton Front Line Demonstration

Nagpur

Cotton Front Line Demonstration programmes were carried out at 93 farmer's fields in three villages Rampur, Pachgaon and Pichdura in Warora Tahsil of Chandrapur district. Initially, preliminary survey of villages the cotton FLDs were planned in 93 farmers fields involving 50 farmers selected under cotton production technologies and 43 under IPM Block/technologies. The technological interventions viz Trials of hybrids RCH-2 Bt, MRC 6301 Bt, CICR varietal trials Surabhi, dry sowing, ridges and furrows at 30 DAS, recommended plant population, supplementing nutrient requirement with bio-fertilizer application, balance use of nutrient, intercropping of soybean with cotton, integrated pest management, use of 2%DAP as foliar spray and detopping etc. were conducted. During the year continuous rains in third and fourth week of June delayed the sowing of cotton and soyabean crop. Few farmers attempted resowing due to poor germination of soyabean because of continuous rains.

In general, under FLD trials a significant increase in the yields in various interventions was recorded as compared to farmer's practices. The seed cotton yields of 888 kg/ha were registered with INM practice as compared to 753 kg/ha from non-INM farmers practice. In intercropping of cotton + soybean an increase of 33.57% profitability was observed over sole cotton crop. Bt MRC 6301 showed its yield advantage when compared with NHH-44 and recorded seed cotton yield 965 kg/ha as compared to NHH-44. However, RCH-2 Bt suffers due to incidence of Jassids and reddening of leaves.

Polyclinic Inaugurated

Dr.B.M.Khadi, Director, CICR, Nagpur, visited the Regional Station, Sirsa on 09-07-05. During his visit he inaugurated a polyclinic at Ragnri village. This polyclinic has been established at

Rangri village along with prototype IPM farm demonstrating the pheromone trap, light trap, neem products, etc. The expert advise on identification of insect pests and natural enemies and other IPM technologies are given to farmers through posters as well as training under field conditions.

Participation in National Exhibition

Indian Science Congress Exhibition

CICR participated in exhibition organized by Indian Science Congress held at Acharya N. G. Ranga Agricultural University, Rajendra Nagar, Hyderabad on Jan. 3-7, 2006. The CICR stall in the ICAR pavilion was visited among others by Dr. Mangala Rai, Director General, ICAR, New Delhi and Dr. M. S. Swaminathan, renowned agricultural scientist. CICR displayed in its stall photographs, charts and demonstration material an various cotton production and protection technologies.

National Krishi Expo. 2006

CICR Nagpur participated in National exhibition Krishi Expo 2006 on the theme Mission 'Increasing Productivity of Agriculture' organized by Ministry of Agriculture, Government of India at Pragati Maidan, New Delhi during March 8-12, 2006. CICR displayed in its stall photographs and charts on various

cotton production and protection technologies. During the period more than 5000 visitors comprising of farmers, students, extension workers and other professional from various states visited CICR stall.

Progressive Use of Hindi

- Official Language Implementation Committee of CICR working under the Chairmanship of the Director, CICR met regularly. The meetings of the committee were held on 19.07.2005 and 12.01.2006 at CICR, Nagpur. Proceedings of the Official Language Implementation Committee meetings and quarterly progress reports regarding use of Official Language Hindi were sent to the Council regularly.
- CICR celebrated Hindi fortnight and organized various programmes and competitions during this fortnight and winners were awarded during the prize distribution function held on 19th September 2005. CICR, Regional Station, Coimbatore celebrated Hindi Day on 14th September, 2005.
- Kapas Samachar (Quarterly Newsletters), Shwet Swarnima (Annual), Kapas Pragati (Annual) and Rashtriya Kapas Mela Souvenir were published.

Technical Bulletins published

Title of the Technical Bulletin	Bulletin No.	Author (s)
Epitome of agro meteorology, Nagpur	32	K.S. Bhaskar
Rainwater management techniques for enhanced productivity of cotton-based cropping system	33	K.S. Bhaskar, S.M Wasnik MRK Rao, M.R Suryawansi PN Mendhe, NP Barbade
Identification of sources of resistance to grey mildew disease (<i>Ramularia areola</i> Atk.) in Diploid cotton (<i>Gossypium arboreum</i>).	34	Punit Mohan., P.M Mukewar V.V. Singh P. Singh B.M Khadi J. Amudha V.G. Deshpande

WEATHER

Nagpur

Month	Temperature (°C)		Relative Humidity (%)		Rainfall (mm)	No. of Rainy Days
	Max.	Min.	Max.	Min.		
June, 2005	39.4	28.8	60.5	42.2	194.00	10
July, 2005	30.2	24.3	89.1	76.6	369.00	19
August, 2005	30.2	23.8	89.5	72.3	146.00	11
September, 2005	31.5	23.9	89.01	67.0	253.00	9
October, 2005	31.6	20.5	82.3	57.00	77.00	3
November, 2005	30.1	13.3	73.8	30.6	-	-
December, 2005	27.3	11.7	73.4	37.3	-	-
January, 2006	29.4	11.2	64.2	28.7	-	-
February, 2006	34.3	15.2	54.3	20.6	-	-

Coimbatore

Month	Temperature (°C)		Relative Humidity (%)		Rainfall (mm)	No. of Rainy days
	Max	Min	Max	Min		
April 2005	33.8	23.6	89	49	77.2	9
May 2005	34.5	23.5	88	50	104.4	9
June -2005	32.2	23.5	78	52	11.4	3
July - 2005	31.1	22.6	79	59	40.1	6
Aug. - 2005	30.4	22.5	84	53	84.5	7
Sept. - 2005	31.2	22.6	86	55	25.4	6
Oct. - 2005	30.7	22.0	92	62	333.1	15
Nov. - 2005	28.1	20.3	92	67	196.6	10
Dec. - 2005	29.2	19.1	93	55	60.1	5
January, 2006	29.7	18.2	90	47	28.2	1
February, 2006	31.8	16.9	87	31	0.0	0
March, 2006	33.5	21.9	89	45	151.4	3

Sirsa

Month	Temperature (°C)		Relative Humidity (%)		Rainfall (mm)	No. of Rainy days
	Max.	Min.	Max.	Min.		
April 2005	35.3	18.7	47	24	-	-
May 2005	40.9	23.9	46	28	26.6	1
June -2005	42.8	28.6	54	37	13.2	2
July - 2005	35.9	27.5	77	55	102.0	3
Aug. - 2005	36.4	26.4	68	54	264.6	1
Sept. - 2005	32.7	24.9	79	70	178.8	7
Oct. - 2005	33.4	17.1	56	32	-	-
Nov. - 2005	27.4	9.2	56	25	-	-
Dec. - 2005	22.2	4.9	74	32	-	-

NATIONAL COTTON SCENARIO

State-wise area, production and productivity figures for the year of report and the preceding years are presented below:

State-wise cotton area, production and productivity

Zone/State	2003-2004			2004-2005			2005-2006		
	Area (Lakh ha)	Prod. (Lakh bales)	P (kg/h a)	Area (Lakh ha)	Prod. (Lakh bales)	P (kg/h a)	Area (Lakh ha)	Prod. (Lakh bales)	P (kg/ ha)
Punjab	4.52	11	414	5.09	16.50	551	5.57	21.00	641
Haryana	5.26	11.5	372	6.21	15.50	424	5.83	14.00	408
Rajasthan	3.35	8.5	431	4.38	11.00	427	4.72	11.00	396
North Zone	13.13	31.00	401	15.68	43.00	466	16.12	46.00	485
Gujarat	16.47	50	516	19.06	73.00	651	20.77	89.00	728
Maharashtra	27.66	31	191	28.40	52.00	311	28.89	36.00	212
Madhya Pradesh	5.75	19.5	577	5.76	16.00	472	6.00	18.00	510
Central Zone	49.88	100.5	343	53.22	141.00	450	55.66	143.00	437
Andhra Pradesh	8.25	26	536	11.78	32.50	469	10.37	30.00	492
Karnataka	5	4	136	5.21	8.00	261	4.50	6.50	246
Tamil Nadu	1.03	3.5	578	1.29	5.50	725	1.36	5.50	688
South Zone	14.28	33.5	399	18.28	46.00	428	16.23	42.00	440
Others	0.56	1	304	0.68	1.00	250	0.72	1.00	236
Total	76.30	166	370	87.86	231.00		88.73	232.00	
Loose cotton consumed but not counted for in State-wise prod.		11			12.00			12.00	
Grand Total	76.30	177	387	87.86	243.00	470	88.73	244.00	467

Prod. = Production

P = Productivity

1 bale= 170 kg.

